

Title: **EPLM HIFI SIH EICD
PFM**

CI-No: 121432

| | | | |
|------------------------|---|-------|-------------------|
| Prepared by: | <u>E. Steininger</u> <i>Steininger</i> | Date: | <u>16.12.2005</u> |
| Checked by: | <u>W. Hund</u> <i>W. Hund</i> | | <u>16.12.2005</u> |
| Product Assurance: | <u>R. Stritter</u> <i>R. Stritter</i> | | <u>16.12.05</u> |
| Configuration Control: | <u>W. Wietbrock</u> <i>W. Wietbrock</i> | | <u>16.12.05</u> |
| Project Management: | <u>Dr. W. Fricke</u> <i>Fricke</i> | | <u>16/12/2005</u> |

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| Issue | Date | Sheet | Description of Change | Release |
|--------|----------|-------|--|---------|
| 1.0 | 04.05.04 | All | Release of the document | |
| 1.1 DR | 12.05.04 | | Redlined Version of issue 1.0 according to HIFI IIDB issue 3.1 | |
| 2.0 | 10.02.05 | All | Implementation of HP-2-ASED-DC-0012 ;25.06.2004 and HP-2-ASED-DC-0015 ;29.10.2004 Update Pin Allocation List HIFI incl. SVM part | |
| 2.1 | 16.12.05 | All | Implementation of HP-2-ASED-DC-0036 Implementation of HP-2-ASED-DC-0042 ;01.07.2005 (update LOU harness) in accordance with HP-111000-ASED-NC-0999 rev. 2 Implementation of : <ul style="list-style-type: none">- HP-111000-ASED-NC-1293- HP-111000-ASED-NC-1171- HP-111000-ASED-NC-1135 (part of NC-0999) | |

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1 Scope

This Interface Control Document (ICD) describes the electrical interfaces of the HERSCHEL EPLM HIFI SIH PFM Harness Pin Allocation.

It is also referenced in the overall HERSCHEL EPLM electrical ICD HP-2-ASED-IC-0001 [AD1] as Sub ICD.

Therefore all common information about the used harness and connector types are described in ICD HP-2-ASED-IC-0001 [AD1].

The HIFI scientific instrument harness (HIFI-SIH) is designed to interconnect the HIFI instrument units at the FPU with the HIFI instrument units at SVM and all other necessary supporting units.

For information management a database (ACCESS based) called CAIE (**C**omputer **A**ided **I**nterface **E**ngineering) will be used. The HEPLM CAIE Data Base contents provides all the necessary information for supporting the automated verification of the electrical interfaces with (IDAS) an **I**ntegrated **D**ata **A**cquisition **S**ystem

This document summarised the Harness Pin Allocation for HIFI EPLM Scientific Instrument Harness PFM.

2 Documents

2.1 Applicable Documents

- [AD1] Electrical Interface Control Document EPLM PLM,
HP-2-ASED-IC-0001 issue 4.2 (tbi)
- [AD2] Herschel/Planck Instrument Interface Document, Part A,
SCI-PT-IIDA-04624 issue 3.3 30.06.2004
- [AD3] Herschel/Planck Instrument Interface Document, Part B; Instrument "HIFI",
SCI-PT-IIDB/HIFI-02125, Issue 3.3, 21.10.2005
- [AD4] Cryo Harness Interconnection diagram - SIH HIFI,
HP-2-ASED-ID-0090; Issue D, 11.11.2004
- [AD5] CRYO-HARNESS BRANCH CHARACTERISTICS,
HP-2-ASED-TN-0085, issue 3.0 22.07.2005

2.2 Reference Documents

- [RD1] Herschel-Planck EMC Analyses, H-P-1-ASPI-AN-0202
- [RD2] "HERSCHEL PLM Grounding Scheme", HP-2-ASED-DW-0001
- [RD3] Herschel PLM EICD, HP-2-ASPI-ID-062
- [RD4] Cryo Harness Description, HP-2-ASED-TN-0103

3 EPLM HIFI SIH PFM Pin Allocation List Harness

For a better handling all connectors have been expanded to a size of four characters by adding leading zero(s).

Example : 111100 **P01** --> 111100 **P001**

All changes in pin allocation and the appropriate data are identified in the last column with a change marker. The amount of marker per row as well as the kind of them is for DB internal use only. General changes like rename of cable etc. are subject of the main ICD HP-2-ASED-IC-001 [AD1]. The comment column belongs to the source connector shown in the header of the page and respectively the corresponding cable and pin on the left side of the table. Those comments have to be seen as an additional information source. The following abbreviations are used in the comment column.

CS-xxxxx Cable Shield (**CS**) for cable xxxxx; where "xxxxx" is normally referenced to the "Ch.ID"

If there is more than one cable per Channel, this reference is especially addressed to the cable code.

For the HIFI specific harness interconnections at the SVM CB (SVM side) each group of cables which are interconnected a interconnection star pin is defined.

All common information about the used harness and connector types are described in ICD HP-2-ASED-IC-0001 [AD1].

The related Data Base is PFM_HIFI_4_9_20051215_1025.mdb.

Pin Allocation List (Harness)

Connector: 111100 P011
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-01

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX1-H . B | HMX | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 J018 | 096 | 3H 1H |
| 003 | HIFI MX1-H . VM | HMX | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 J018 | 097 | 3H |
| 004 | HIFI MX1-H . IM | HMX | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 J018 | 090 | 3H |
| 007 | HIFI MX1-H . BRTN | HMX | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 J018 | 088 | 3H |
| 008 | HIFI MX1-H . VMRTN | HMX | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 J018 | 089 | 3H |
| 001 | HIFI MX1-H . SHD01 | - | HMX.- | - | H001 | 051SS-38 | 1 | | CS-H001 | | CVVUCR | 33 | 211121 J018 | 095 | 3H 1H |
| - | - | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;005 ;006 ;009 | | | | | | |

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Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1

Date : 16.12.2005

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Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

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Connector: 111100 P039
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-01

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI FIF1 D -H . D2 | H1D | H1D.- | - | H025 | 041BS-30 | 25 | | | | CVWUCR | 33 | 211121 J018 | 049 | 3H 3H |
| 003 | HIFI FIF1 D -H . D1 | H1D | H1D.- | - | H025 | 041BS-30 | 25 | | | | CVWUCR | 33 | 211121 J018 | 048 | 3H 3H |
| 004 | HIFI FIF1 D -H . TST | H1D | H1D.- | - | H025 | 041BS-30 | 25 | | | | CVWUCR | 33 | 211121 J018 | 059 | 3H 3H |
| 009 | HIFI FIF1 D -H . DRTN | H1D | H1D.- | - | H025 | 041BS-30 | 25 | | | | CVWUCR | 33 | 211121 J018 | 060 | 3H 3H |
| 007 | HIFI FIF1 D -H . SHD25 | | H1D.- | - | H025 | 041BS-30 | 25 | | CS-H025 | | CVWUCR | 33 | 211121 J018 | 058 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI FIF1 G -H . G2 | H1G | H1G.- | - | H026 | 031SS-38 | 26 | | | | CVWUCR | 33 | 211121 J018 | 025 | 3H 3H |
| 002 | HIFI FIF1 G -H . GRTN | H1G | H1G.- | - | H026 | 031SS-38 | 26 | | | | CVWUCR | 33 | 211121 J018 | 036 | 3H 3H |
| 005 | HIFI FIF1 G -H . G1 | H1G | H1G.- | - | H026 | 031SS-38 | 26 | | | | CVWUCR | 33 | 211121 J018 | 035 | 3H 3H |
| 001 | HIFI FIF1 G -H . SHD26 | | H1G.- | - | H026 | 031SS-38 | 26 | | CS-H026 | | CVWUCR | 33 | 211121 J018 | 016 | 3H 3H |

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Pin Allocation List

(Harness)

Connector: 111100 P012
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-01.

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX2-H . B | HMX | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 J018 | 091 | 1H 1H |
| 003 | HIFI MX2-H . VM | HMX | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 J018 | 099 | 1H |
| 004 | HIFI MX2-H . IM | HMX | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 J018 | 100 | 1H |
| 007 | HIFI MX2-H . BRTN | HMX | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 J018 | 092 | 1H |
| 008 | HIFI MX2-H . VMRTN | HMX | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 J018 | 093 | 1H |
| 001 | HIFI MX2-H . SHD02 | - | HMX.- | - | H002 | 051SS-38 | 2 | | | CS-H002 | CVVUCR | 33 | 211121 J018 | 098 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pin(s) is (are) NC | | | | | | | | | The following Pin(s) is (are) NC | | | | | |
| - | | | | | | | | | | : | | | | | |
| - | | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Pin Allocation List

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Pin Allocation List

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Connector: 111100 P040
Item: HHFPU

Function / Bundle: HIFI FPU 1. SIH-XH-01

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF2 D -H . D1 | H1D | H1D.1 | - | H027 | 031BS-30 | 27 | | | | CVWUCR | 33 | 211121 J018 | 034 | 3H 3H |
| 006 | HIFI FIF2 D -H . D2 | H1D | H1D.1 | - | H027 | 031BS-30 | 27 | | | | CVWUCR | 33 | 211121 J018 | 045 | 3H 3H |
| 009 | HIFI FIF2 D -H . DRTN | H1D | H1D.1 | - | H027 | 031BS-30 | 27 | | | | CVWUCR | 33 | 211121 J018 | 044 | 3H 3H |
| 007 | HIFI FIF2 D -H . SHD27 | | H1D.1 | - | H027 | 031BS-30 | 27 | | CS-H027 | | CVWUCR | 33 | 211121 J018 | 033 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF2 G -H . G1 | H1G | H1G.- | - | H028 | 031SS-38 | 27 | | | | CVWUCR | 33 | 211121 J018 | 042 | 3H 3H |
| 008 | HIFI FIF2 G -H . G2 | H1G | H1G.- | - | H028 | 031SS-38 | 27 | | | | CVWUCR | 33 | 211121 J018 | 043 | 3H 3H |
| 002 | HIFI FIF2 G -H . GRTN | H1G | H1G.- | - | H028 | 031SS-38 | 27 | | | | CVWUCR | 33 | 211121 J018 | 032 | 3H 3H |
| 001 | HIFI FIF2 G -H . SHD28 | | H1G.- | - | H028 | 031SS-38 | 27 | | CS-H028 | | CVWUCR | 33 | 211121 J018 | 031 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | The following Pin is NC : | | | | | | |
| - | | | | | | | | | ;004 | | | | | | |

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Pin Allocation List (Harness)

Connector: 111100 P013
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-01

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX3-H . B | HMX | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 J018 | 069 | 1H 1H |
| 003 | HIFI MX3-H . VM | HMX | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 J018 | 070 | 1H |
| 004 | HIFI MX3-H . IM | HMX | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 J018 | 079 | 1H |
| 007 | HIFI MX3-H . BRTN | HMX | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 J018 | 068 | 1H |
| 008 | HIFI MX3-H . VMRTN | HMX | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 J018 | 078 | 1H |
| 001 | HIFI MX3-H . SHD03 | | HMX.- | - | H003 | 051SS-38 | 3 | | | CS-H003 | CVVUCR | 33 | 211121 J018 | 087 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Pin Allocation List

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Project: **HERSCHEL**

Pin Allocation List

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Issue : 2.1 Date : 16.12.2005

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Connector: 111100 P041**Function / Bundle:** HIFI FPU 1 SIH-XH-01**Conn.-Type:** MWDM2L-09S-6C3-.630**Item:** HHFPU**Backshell:** BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF3 D -H . D1 | H1D | H1D.1 | - | H029 | 031BS-30 | 29 | | | | CVWUCR | 33 | 211121 J018 | 030 | 3H 3H |
| 006 | HIFI FIF3 D -H . D2 | H1D | H1D.1 | - | H029 | 031BS-30 | 29 | | | | CVWUCR | 33 | 211121 J018 | 041 | 3H 3H |
| 009 | HIFI FIF3 D -H . DRTN | H1D | H1D.1 | - | H029 | 031BS-30 | 29 | | | | CVWUCR | 33 | 211121 J018 | 040 | 3H 3H |
| 007 | HIFI FIF3 D -H . SHD29 | | H1D.1 | - | H029 | 031BS-30 | 29 | | CS-H029 | | CVWUCR | 33 | 211121 J018 | 029 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF3 G -H . G1 | H1G | H1G.- | - | H030 | 031SS-38 | 30 | | | | CVWUCR | 33 | 211121 J018 | 028 | 3H 3H |
| 008 | HIFI FIF3 G -H . G2 | H1G | H1G.- | - | H030 | 031SS-38 | 30 | | | | CVWUCR | 33 | 211121 J018 | 039 | 3H 3H |
| 002 | HIFI FIF3 G -H . GRTN | H1G | H1G.- | - | H030 | 031SS-38 | 30 | | | | CVWUCR | 33 | 211121 J018 | 038 | 3H 3H |
| 001 | HIFI FIF3 G -H . SHD30 | | H1G.- | - | H030 | 031SS-38 | 30 | | CS-H030 | | CVWUCR | 33 | 211121 J018 | 027 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | The following Pin is NC : | | | | | | |
| - | - | | | | | | | | ;004 | | | | | | |

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111100 P014
Item: HHFPU
Function / Bundle: HIFI FPU SIH-XH-01
Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX4-H . B | HMX | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 J018 | 081 | 1H 1H |
| 003 | HIFI MX4-H . VM | HMX | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 J018 | 072 | 1H |
| 004 | HIFI MX4-H . IM | HMX | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 J018 | 073 | 1H |
| 007 | HIFI MX4-H . BRTN | HMX | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 J018 | 080 | 1H |
| 008 | HIFI MX4-H . VMRTN | HMX | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 J018 | 082 | 1H |
| 001 | HIFI MX4-H . SHD04 | | HMX.- | - | H004 | 051SS-38 | 4 | | | CS-H004 | CVVUCR | 33 | 211121 J018 | 071 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Pin Allocation List

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Pin Allocation List

(Harness)

Connector: 111100 P042
Item: HHFPU

Function / Bundle: HIFI FPU 1 SIH-XH-01

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF4 D -H . D1 | H1D | H1D.- | - | H031 | 041BS-30 | 31 | | | | CVWUCR | 33 | 211121 J018 | 014 | 3H 3H |
| 006 | HIFI FIF4 D -H . D2 | H1D | H1D.- | - | H031 | 041BS-30 | 31 | | | | CVWUCR | 33 | 211121 J018 | 015 | 3H 3H |
| 004 | HIFI FIF4 D -H . TST | H1D | H1D.- | - | H031 | 041BS-30 | 31 | | | | CVWUCR | 33 | 211121 J018 | 023 | 3H 3H |
| 009 | HIFI FIF4 D -H . DRTN | H1D | H1D.- | - | H031 | 041BS-30 | 31 | | | | CVWUCR | 33 | 211121 J018 | 024 | 3H 3H |
| 007 | HIFI FIF4 D -H . SHD31 | | H1D.- | - | H031 | 041BS-30 | 31 | | CS-H031 | | CVWUCR | 33 | 211121 J018 | 022 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF4 G -H . G1 | H1G | H1G.- | - | H032 | 031SS-38 | 32 | | | | CVWUCR | 33 | 211121 J018 | 012 | 3H 3H |
| 008 | HIFI FIF4 G -H . G2 | H1G | H1G.- | - | H032 | 031SS-38 | 32 | | | | CVWUCR | 33 | 211121 J018 | 013 | 3H 3H |
| 002 | HIFI FIF4 G -H . GRN | H1G | H1G.- | - | H032 | 031SS-38 | 32 | | | | CVWUCR | 33 | 211121 J018 | 021 | 3H 3H |
| 001 | HIFI FIF4 G -H . SHD32 | | H1G.- | - | H032 | 031SS-38 | 32 | | CS-H032 | | CVWUCR | 33 | 211121 J018 | 020 | 3H 3H |

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Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111100 P015
Item: HHFPU
Function / Bundle: HIFI FPU SIH-XH-01
Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX5-H . B | HMX | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 J018 | 076 | 1H 1H |
| 003 | HIFI MX5-H . VM | HMX | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 J018 | 084 | 1H |
| 004 | HIFI MX5-H . IM | HMX | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 J018 | 085 | 1H |
| 007 | HIFI MX5-H . BRTN | HMX | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 J018 | 075 | 1H |
| 008 | HIFI MX5-H . VMRTN | HMX | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 J018 | 074 | 1H |
| 001 | HIFI MX5-H . SHD05 | | HMX.- | - | H005 | 051SS-38 | 5 | | | CS-H005 | CVVUCR | 33 | 211121 J018 | 083 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List (Harness)

Connector: 111100 P043
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-01

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF5 D -H . D1 | H1D | H1D.1 | - | H033 | 031BS-30 | 33 | | | | CVWUCR | 33 | 211121 J018 | 017 | 3H 3H |
| 006 | HIFI FIF5 D -H . D2 | H1D | H1D.1 | - | H033 | 031BS-30 | 33 | | | | CVWUCR | 33 | 211121 J018 | 037 | 3H 3H |
| 009 | HIFI FIF5 D -H . DRTN | H1D | H1D.1 | - | H033 | 031BS-30 | 33 | | | | CVWUCR | 33 | 211121 J018 | 026 | 3H 3H |
| 007 | HIFI FIF5 D -H . SHD33 | | H1D.1 | - | H033 | 031BS-30 | 33 | | CS-H033 | | CVWUCR | 33 | 211121 J018 | 009 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF5 G -H . G1 | H1G | H1G.- | - | H034 | 031SS-38 | 34 | | | | CVWUCR | 33 | 211121 J018 | 010 | 3H 3H |
| 008 | HIFI FIF5 G -H . G2 | H1G | H1G.- | - | H034 | 031SS-38 | 34 | | | | CVWUCR | 33 | 211121 J018 | 019 | 3H 3H |
| 002 | HIFI FIF5 G -H . GRTN | H1G | H1G.- | - | H034 | 031SS-38 | 34 | | | | CVWUCR | 33 | 211121 J018 | 011 | 3H 3H |
| 001 | HIFI FIF5 G -H . SHD34 | | H1G.- | - | H034 | 031SS-38 | 34 | | CS-H034 | | CVWUCR | 33 | 211121 J018 | 018 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | The following Pin is NC : | | | | | | |
| - | | | | | | | | | ;004 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111100 P016
Item: HHFPU
Function / Bundle: HIFI FPU SIH-XH-01
Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX6-H . B | HMX | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVVUCR | 33 | 211121 J018 | 054 | 1H X 1H |
| 003 | HIFI MX6-H . VM | HMX | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVVUCR | 33 | 211121 J018 | 055 | 1H X |
| 004 | HIFI MX6-H . IM | HMX | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVVUCR | 33 | 211121 J018 | 064 | 1H X |
| 007 | HIFI MX6-H . BRTN | HMX | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVVUCR | 33 | 211121 J018 | 065 | 1H X |
| 008 | HIFI MX6-H . VMRTN | HMX | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVVUCR | 33 | 211121 J018 | 066 | 1H X |
| 001 | HIFI MX6-H . SHD06 | | HMX.- | - | H006 | 051SS-38 | 6 | | | CS-H006 | CVVUCR | 33 | 211121 J018 | 053 | 1H X 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

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Pin Allocation List

(Harness)

Project: **HERSCHEL****Connector:** 111100 P044**Function / Bundle:** HIFI FPU 1 SIH-XH-01**Conn.-Type:** MWDM2L-09S-6C3-.630**Item:** HHFPU**Backshell:** BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF6 D -H . D1 | H1D | H1D.1 | - | H035 | 031BS-30 | 35 | | | | CVWUCR | 33 | 211121 J018 | 001 | 3H 3H |
| 006 | HIFI FIF6 D -H . D2 | H1D | H1D.1 | - | H035 | 031BS-30 | 35 | | | | CVWUCR | 33 | 211121 J018 | 002 | 3H 3H |
| 009 | HIFI FIF6 D -H . DRTN | H1D | H1D.1 | - | H035 | 031BS-30 | 35 | | | | CVWUCR | 33 | 211121 J018 | 003 | 3H 3H |
| 007 | HIFI FIF6 D -H . SHD35 | | H1D.1 | - | H035 | 031BS-30 | 35 | | CS-H035 | | CVWUCR | 33 | 211121 J018 | 008 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF6 G -H . G1 | H1G | H1G.- | - | H036 | 031SS-38 | 36 | | | | CVWUCR | 33 | 211121 J018 | 004 | 3H 3H |
| 008 | HIFI FIF6 G -H . G2 | H1G | H1G.- | - | H036 | 031SS-38 | 36 | | | | CVWUCR | 33 | 211121 J018 | 005 | 3H 3H |
| 002 | HIFI FIF6 G -H . GRTN | H1G | H1G.- | - | H036 | 031SS-38 | 36 | | | | CVWUCR | 33 | 211121 J018 | 006 | 3H 3H |
| 001 | HIFI FIF6 G -H . SHD36 | | H1G.- | - | H036 | 031SS-38 | 36 | | CS-H036 | | CVWUCR | 33 | 211121 J018 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | The following Pin is NC : | | | | | | |
| - | | | | | | | | | ;004 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

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Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Connector: 111100 P017**Function / Bundle:** HIFI FPU SIH-XH-01**Conn.-Type:** MWDM2L-09S-6C3-.630**Item:** HHFPU**Backshell:** BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX7-H . B | HMX | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVVUCR | 33 | 211121 J018 | 051 | 1H 1H |
| 003 | HIFI MX7-H . VM | HMX | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVVUCR | 33 | 211121 J018 | 052 | 1H |
| 004 | HIFI MX7-H . IM | HMX | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVVUCR | 33 | 211121 J018 | 061 | 1H |
| 007 | HIFI MX7-H . BRTN | HMX | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVVUCR | 33 | 211121 J018 | 062 | 1H |
| 008 | HIFI MX7-H . VMRTN | HMX | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVVUCR | 33 | 211121 J018 | 063 | 1H |
| 001 | HIFI MX7-H . SHD07 | | HMX.- | - | H007 | 051SS-38 | 7 | | | CS-H007 | CVVUCR | 33 | 211121 J018 | 050 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111100 P045
Item: HHFPU
Function / Bundle: HIFI FPU SIH-XH-01
Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF7 D -H . D1 | H1D | H1D.1 | - | H037 | 031BS-30 | 37 | | | | CVWUCR | 33 | 211121 J018 | 056 | 3H 3H |
| 006 | HIFI FIF7 D -H . D2 | H1D | H1D.1 | - | H037 | 031BS-30 | 37 | | | | CVWUCR | 33 | 211121 J018 | 057 | 3H 3H |
| 009 | HIFI FIF7 D -H . DRTN | H1D | H1D.1 | - | H037 | 031BS-30 | 37 | | | | CVWUCR | 33 | 211121 J018 | 046 | 3H 3H |
| 007 | HIFI FIF7 D -H . SHD37 | | H1D.1 | - | H037 | 031BS-30 | 37 | | CS-H037 | | CVWUCR | 33 | 211121 J018 | 047 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF7 G -H . G1 | H1G | H1G.- | - | H038 | 031SS-38 | 38 | | | | CVWUCR | 33 | 211121 J018 | 077 | 3H 3H |
| 008 | HIFI FIF7 G -H . G2 | H1G | H1G.- | - | H038 | 031SS-38 | 38 | | | | CVWUCR | 33 | 211121 J018 | 086 | 3H 3H |
| 002 | HIFI FIF7 G -H . GRTN | H1G | H1G.- | - | H038 | 031SS-38 | 38 | | | | CVWUCR | 33 | 211121 J018 | 094 | 3H 3H |
| 001 | HIFI FIF7 G -H . SHD38 | | H1G.- | - | H038 | 031SS-38 | 38 | | CS-H038 | | CVWUCR | 33 | 211121 J018 | 067 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | The following Pin is NC : | | | | | | |
| - | | | | | | | | | ;004 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Pin Allocation List

(Harness)

Connector: 211121 J018
Item: CVVUCR

Function / Bundle: SIH-XH-01

Conn.-Type: 197-011P22-35PN (Junct.)

Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 096 | HIFI MX1-H . B | | HMX.- - | | H001 | 051SS-38 | 1 | | | | HHFPU | 73 | 111100 P011 | 002 | 1H 3H |
| 097 | HIFI MX1-H . VM | | HMX.- - | | H001 | 051SS-38 | 1 | | | | HHFPU | 73 | 111100 P011 | 003 | 3H |
| 090 | HIFI MX1-H . IM | | HMX.- - | | H001 | 051SS-38 | 1 | | | | HHFPU | 73 | 111100 P011 | 004 | 3H |
| 088 | HIFI MX1-H . BRTN | | HMX.- - | | H001 | 051SS-38 | 1 | | | | HHFPU | 73 | 111100 P011 | 007 | 3H |
| 089 | HIFI MX1-H . VMRTN | | HMX.- - | | H001 | 051SS-38 | 1 | | | | HHFPU | 73 | 111100 P011 | 008 | 3H |
| 095 | HIFI MX1-H . SHD01 | | HMX.- - | | H001 | 051SS-38 | 1 | | CS-H001 | | HHFPU | 73 | 111100 P011 | 001 | 1H 3H |
| - | | | | | | | | | | | | | | | |
| 091 | HIFI MX2-H . B | | HMX.- - | | H002 | 051SS-38 | 2 | | | | HHFPU | 73 | 111100 P012 | 002 | 1H 1H |
| 099 | HIFI MX2-H . VM | | HMX.- - | | H002 | 051SS-38 | 2 | | | | HHFPU | 73 | 111100 P012 | 003 | 1H |
| 100 | HIFI MX2-H . IM | | HMX.- - | | H002 | 051SS-38 | 2 | | | | HHFPU | 73 | 111100 P012 | 004 | 1H |
| 092 | HIFI MX2-H . BRTN | | HMX.- - | | H002 | 051SS-38 | 2 | | | | HHFPU | 73 | 111100 P012 | 007 | 1H |
| 093 | HIFI MX2-H . VMRTN | | HMX.- - | | H002 | 051SS-38 | 2 | | | | HHFPU | 73 | 111100 P012 | 008 | 1H |
| 098 | HIFI MX2-H . SHD02 | | HMX.- - | | H002 | 051SS-38 | 2 | | CS-H002 | | HHFPU | 73 | 111100 P012 | 001 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 069 | HIFI MX3-H . B | | HMX.- - | | H003 | 051SS-38 | 3 | | | | HHFPU | 73 | 111100 P013 | 002 | 1H 1H |
| 070 | HIFI MX3-H . VM | | HMX.- - | | H003 | 051SS-38 | 3 | | | | HHFPU | 73 | 111100 P013 | 003 | 1H |
| 079 | HIFI MX3-H . IM | | HMX.- - | | H003 | 051SS-38 | 3 | | | | HHFPU | 73 | 111100 P013 | 004 | 1H |
| 068 | HIFI MX3-H . BRTN | | HMX.- - | | H003 | 051SS-38 | 3 | | | | HHFPU | 73 | 111100 P013 | 007 | 1H |
| 078 | HIFI MX3-H . VMRTN | | HMX.- - | | H003 | 051SS-38 | 3 | | | | HHFPU | 73 | 111100 P013 | 008 | 1H |
| 087 | HIFI MX3-H . SHD03 | | HMX.- - | | H003 | 051SS-38 | 3 | | CS-H003 | | HHFPU | 73 | 111100 P013 | 001 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 081 | HIFI MX4-H . B | | HMX.- - | | H004 | 051SS-38 | 4 | | | | HHFPU | 73 | 111100 P014 | 002 | 1H 1H |
| 072 | HIFI MX4-H . VM | | HMX.- - | | H004 | 051SS-38 | 4 | | | | HHFPU | 73 | 111100 P014 | 003 | 1H |
| 073 | HIFI MX4-H . IM | | HMX.- - | | H004 | 051SS-38 | 4 | | | | HHFPU | 73 | 111100 P014 | 004 | 1H |
| 080 | HIFI MX4-H . BRTN | | HMX.- - | | H004 | 051SS-38 | 4 | | | | HHFPU | 73 | 111100 P014 | 007 | 1H |
| 082 | HIFI MX4-H . VMRTN | | HMX.- - | | H004 | 051SS-38 | 4 | | | | HHFPU | 73 | 111100 P014 | 008 | 1H |
| 071 | HIFI MX4-H . SHD04 | | HMX.- - | | H004 | 051SS-38 | 4 | | CS-H004 | | HHFPU | 73 | 111100 P014 | 001 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 076 | HIFI MX5-H . B | | HMX.- - | | H005 | 051SS-38 | 5 | | | | HHFPU | 73 | 111100 P015 | 002 | 1H 1H |
| 084 | HIFI MX5-H . VM | | HMX.- - | | H005 | 051SS-38 | 5 | | | | HHFPU | 73 | 111100 P015 | 003 | 1H |
| 085 | HIFI MX5-H . IM | | HMX.- - | | H005 | 051SS-38 | 5 | | | | HHFPU | 73 | 111100 P015 | 004 | 1H |
| 075 | HIFI MX5-H . BRTN | | HMX.- - | | H005 | 051SS-38 | 5 | | | | HHFPU | 73 | 111100 P015 | 007 | 1H |
| 074 | HIFI MX5-H . VMRTN | | HMX.- - | | H005 | 051SS-38 | 5 | | | | HHFPU | 73 | 111100 P015 | 008 | 1H |
| 083 | HIFI MX5-H . SHD05 | | HMX.- - | | H005 | 051SS-38 | 5 | | CS-H005 | | HHFPU | 73 | 111100 P015 | 001 | 1H 1H |

Pin Allocation List

(Harness)

Connector: 211121 J018
Item: CVVUCR

Function / Bundle: SIH-XH-01

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | |
| 054 | HIFI MX6-H . B | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHFPU | 73 | 111100 P016 | 002 | 1H X 1H |
| 055 | HIFI MX6-H . VM | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHFPU | 73 | 111100 P016 | 003 | X 1H |
| 064 | HIFI MX6-H . IM | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHFPU | 73 | 111100 P016 | 004 | X 1H |
| 065 | HIFI MX6-H . BRTN | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHFPU | 73 | 111100 P016 | 007 | X 1H |
| 066 | HIFI MX6-H . VMRTN | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHFPU | 73 | 111100 P016 | 008 | X 1H |
| 053 | HIFI MX6-H . SHD06 | | HMX.- | - | H006 | 051SS-38 | 6 | | CS-H006 | | HHFPU | 73 | 111100 P016 | 001 | 1H X 1H |
| - | | | | | | | | | | | | | | | |
| 051 | HIFI MX7-H . B | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHFPU | 73 | 111100 P017 | 002 | 1H 1H |
| 052 | HIFI MX7-H . VM | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHFPU | 73 | 111100 P017 | 003 | 1H |
| 061 | HIFI MX7-H . IM | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHFPU | 73 | 111100 P017 | 004 | 1H |
| 062 | HIFI MX7-H . BRTN | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHFPU | 73 | 111100 P017 | 007 | 1H |
| 063 | HIFI MX7-H . VMRTN | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHFPU | 73 | 111100 P017 | 008 | 1H |
| 050 | HIFI MX7-H . SHD07 | | HMX.- | - | H007 | 051SS-38 | 7 | | CS-H007 | | HHFPU | 73 | 111100 P017 | 001 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 048 | HIFI FIF1 D -H . D1 | | H1D.- | - | H025 | 041BS-30 | 25 | | | | HHFPU | 73 | 111100 P039 | 003 | 3H 3H |
| 049 | HIFI FIF1 D -H . D2 | | H1D.- | - | H025 | 041BS-30 | 25 | | | | HHFPU | 73 | 111100 P039 | 006 | 3H 3H |
| 059 | HIFI FIF1 D -H . TST | | H1D.- | - | H025 | 041BS-30 | 25 | | | | HHFPU | 73 | 111100 P039 | 004 | 3H 3H |
| 060 | HIFI FIF1 D -H . DRTN | | H1D.- | - | H025 | 041BS-30 | 25 | | | | HHFPU | 73 | 111100 P039 | 009 | 3H 3H |
| 058 | HIFI FIF1 D -H . SHD25 | | H1D.- | - | H025 | 041BS-30 | 25 | | CS-H025 | | HHFPU | 73 | 111100 P039 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 025 | HIFI FIF1 G -H . G2 | | H1G.- | - | H026 | 031SS-38 | 26 | | | | HHFPU | 73 | 111100 P039 | 008 | 3H 3H |
| 036 | HIFI FIF1 G -H . GRTN | | H1G.- | - | H026 | 031SS-38 | 26 | | | | HHFPU | 73 | 111100 P039 | 002 | 3H 3H |
| 035 | HIFI FIF1 G -H . G1 | | H1G.- | - | H026 | 031SS-38 | 26 | | | | HHFPU | 73 | 111100 P039 | 005 | 3H 3H |
| 016 | HIFI FIF1 G -H . SHD26 | | H1G.- | - | H026 | 031SS-38 | 26 | | CS-H026 | | HHFPU | 73 | 111100 P039 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 034 | HIFI FIF2 D -H . D1 | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | HHFPU | 73 | 111100 P040 | 003 | 3H 3H |
| 045 | HIFI FIF2 D -H . D2 | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | HHFPU | 73 | 111100 P040 | 006 | 3H 3H |
| 044 | HIFI FIF2 D -H . DRTN | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | HHFPU | 73 | 111100 P040 | 009 | 3H 3H |
| 033 | HIFI FIF2 D -H . SHD27 | | H1D.1 | - | H027 | 031BS-30 | 27 | | CS-H027 | | HHFPU | 73 | 111100 P040 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 042 | HIFI FIF2 G -H . G1 | | H1G.- | - | H028 | 031SS-38 | 28 | | | | HHFPU | 73 | 111100 P040 | 005 | 3H 3H |
| 043 | HIFI FIF2 G -H . G2 | | H1G.- | - | H028 | 031SS-38 | 28 | | | | HHFPU | 73 | 111100 P040 | 008 | 3H 3H |
| 032 | HIFI FIF2 G -H . GRTN | | H1G.- | - | H028 | 031SS-38 | 28 | | | | HHFPU | 73 | 111100 P040 | 002 | 3H 3H |

Pin Allocation List

(Harness)

Connector: 211121 J018
Item: CVVUCR

Function / Bundle: SIH-XH-01

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 031 | HIFI FIF2 G -H . SHD28 | | H1G.- | - | H028 | 031SS-38 | 28 | | | CS-H028 | HHFPU | 73 | 111100 P040 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 030 | HIFI FIF3 D -H . D1 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | HHFPU | 73 | 111100 P041 | 003 | 3H 3H |
| 041 | HIFI FIF3 D -H . D2 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | HHFPU | 73 | 111100 P041 | 006 | 3H 3H |
| 040 | HIFI FIF3 D -H . DRTN | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | HHFPU | 73 | 111100 P041 | 009 | 3H 3H |
| 029 | HIFI FIF3 D -H . SHD29 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | CS-H029 | HHFPU | 73 | 111100 P041 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 028 | HIFI FIF3 G -H . G1 | | H1G.- | - | H030 | 031SS-38 | 30 | | | | HHFPU | 73 | 111100 P041 | 005 | 3H 3H |
| 039 | HIFI FIF3 G -H . G2 | | H1G.- | - | H030 | 031SS-38 | 30 | | | | HHFPU | 73 | 111100 P041 | 008 | 3H 3H |
| 038 | HIFI FIF3 G -H . GRTN | | H1G.- | - | H030 | 031SS-38 | 30 | | | | HHFPU | 73 | 111100 P041 | 002 | 3H 3H |
| 027 | HIFI FIF3 G -H . SHD30 | | H1G.- | - | H030 | 031SS-38 | 30 | | | CS-H030 | HHFPU | 73 | 111100 P041 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI FIF4 D -H . D1 | | H1D.- | - | H031 | 041BS-30 | 31 | | | | HHFPU | 73 | 111100 P042 | 003 | 3H 3H |
| 015 | HIFI FIF4 D -H . D2 | | H1D.- | - | H031 | 041BS-30 | 31 | | | | HHFPU | 73 | 111100 P042 | 006 | 3H 3H |
| 023 | HIFI FIF4 D -H . TST | | H1D.- | - | H031 | 041BS-30 | 31 | | | | HHFPU | 73 | 111100 P042 | 004 | 3H 3H |
| 024 | HIFI FIF4 D -H . DRTN | | H1D.- | - | H031 | 041BS-30 | 31 | | | | HHFPU | 73 | 111100 P042 | 009 | 3H 3H |
| 022 | HIFI FIF4 D -H . SHD31 | | H1D.- | - | H031 | 041BS-30 | 31 | | | CS-H031 | HHFPU | 73 | 111100 P042 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI FIF4 G -H . G1 | | H1G.- | - | H032 | 031SS-38 | 32 | | | | HHFPU | 73 | 111100 P042 | 005 | 3H 3H |
| 013 | HIFI FIF4 G -H . G2 | | H1G.- | - | H032 | 031SS-38 | 32 | | | | HHFPU | 73 | 111100 P042 | 008 | 3H 3H |
| 021 | HIFI FIF4 G -H . GRTN | | H1G.- | - | H032 | 031SS-38 | 32 | | | | HHFPU | 73 | 111100 P042 | 002 | 3H 3H |
| 020 | HIFI FIF4 G -H . SHD32 | | H1G.- | - | H032 | 031SS-38 | 32 | | | CS-H032 | HHFPU | 73 | 111100 P042 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 017 | HIFI FIF5 D -H . D1 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | HHFPU | 73 | 111100 P043 | 003 | 3H 3H |
| 037 | HIFI FIF5 D -H . D2 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | HHFPU | 73 | 111100 P043 | 006 | 3H 3H |
| 026 | HIFI FIF5 D -H . DRTN | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | HHFPU | 73 | 111100 P043 | 009 | 3H 3H |
| 009 | HIFI FIF5 D -H . SHD33 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | CS-H033 | HHFPU | 73 | 111100 P043 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI FIF5 G -H . G1 | | H1G.- | - | H034 | 031SS-38 | 34 | | | | HHFPU | 73 | 111100 P043 | 005 | 3H 3H |
| 019 | HIFI FIF5 G -H . G2 | | H1G.- | - | H034 | 031SS-38 | 34 | | | | HHFPU | 73 | 111100 P043 | 008 | 3H 3H |
| 011 | HIFI FIF5 G -H . GRTN | | H1G.- | - | H034 | 031SS-38 | 34 | | | | HHFPU | 73 | 111100 P043 | 002 | 3H 3H |
| 018 | HIFI FIF5 G -H . SHD34 | | H1G.- | - | H034 | 031SS-38 | 34 | | | CS-H034 | HHFPU | 73 | 111100 P043 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 001 | HIFI FIF6 D -H . D1 | | H1D.1 | - | H035 | 031BS-30 | 35 | | | | HHFPU | 73 | 111100 P044 | 003 | 3H 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 211121 J018
Item: CVVUCR
Function / Bundle: SIH-XH-01**Conn.-Type:** 197-011P22-35PN (Junct.)**Backshell:** 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 002 | HIFI FIF6 D -H . D2 | | H1D.1 - | | H035 | 031BS-30 | 35 | | | | HHFPU | 73 | 111100 P044 | 006 | 3H | 3H |
| 003 | HIFI FIF6 D -H . DRTN | | H1D.1 - | | H035 | 031BS-30 | 35 | | | | HHFPU | 73 | 111100 P044 | 009 | 3H | 3H |
| 008 | HIFI FIF6 D -H . SHD35 | | H1D.1 - | | H035 | 031BS-30 | 35 | | CS-H035 | | HHFPU | 73 | 111100 P044 | 007 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI FIF6 G -H . G1 | | H1G.- - | | H036 | 031SS-38 | 36 | | | | HHFPU | 73 | 111100 P044 | 005 | 3H | 3H |
| 005 | HIFI FIF6 G -H . G2 | | H1G.- - | | H036 | 031SS-38 | 36 | | | | HHFPU | 73 | 111100 P044 | 008 | 3H | 3H |
| 006 | HIFI FIF6 G -H . GRTN | | H1G.- - | | H036 | 031SS-38 | 36 | | | | HHFPU | 73 | 111100 P044 | 002 | 3H | 3H |
| 007 | HIFI FIF6 G -H . SHD36 | | H1G.- - | | H036 | 031SS-38 | 36 | | CS-H036 | | HHFPU | 73 | 111100 P044 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 056 | HIFI FIF7 D -H . D1 | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | HHFPU | 73 | 111100 P045 | 003 | 3H | 3H |
| 057 | HIFI FIF7 D -H . D2 | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | HHFPU | 73 | 111100 P045 | 006 | 3H | 3H |
| 046 | HIFI FIF7 D -H . DRTN | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | HHFPU | 73 | 111100 P045 | 009 | 3H | 3H |
| 047 | HIFI FIF7 D -H . SHD37 | | H1D.1 - | | H037 | 031BS-30 | 37 | | CS-H037 | | HHFPU | 73 | 111100 P045 | 007 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 077 | HIFI FIF7 G -H . G1 | | H1G.- - | | H038 | 031SS-38 | 38 | | | | HHFPU | 73 | 111100 P045 | 005 | 3H | 3H |
| 086 | HIFI FIF7 G -H . G2 | | H1G.- - | | H038 | 031SS-38 | 38 | | | | HHFPU | 73 | 111100 P045 | 008 | 3H | 3H |
| 094 | HIFI FIF7 G -H . GRTN | | H1G.- - | | H038 | 031SS-38 | 38 | | | | HHFPU | 73 | 111100 P045 | 002 | 3H | 3H |
| 067 | HIFI FIF7 G -H . SHD38 | | H1G.- - | | H038 | 031SS-38 | 38 | | CS-H038 | | HHFPU | 73 | 111100 P045 | 001 | 3H | 3H |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

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Connector: 111100 P025
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-02

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: BS-LS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT1-H . HT | HMH | HMH.- | - | H015 | 041BS-38 | 15 | | | | CVVUCR | 33 | 211121 J016 | 079 | 3H 1H |
| 001 | HIFI MGHT1-H . HTRTN | HMH | HMH.- | - | H015 | 041BS-38 | 15 | | | | CVVUCR | 33 | 211121 J016 | 070 | 1H |
| 007 | HIFI MGHT1-H . MG | HMH | HMH.- | - | H015 | 041BS-38 | 15 | | | | CVVUCR | 33 | 211121 J016 | 080 | 1H |
| 002 | HIFI MGHT1-H . MGRTN | HMH | HMH.- | - | H015 | 041BS-38 | 15 | | | | CVVUCR | 33 | 211121 J016 | 071 | 1H |
| 003 | HIFI MGHT1-H . SHD15 | | HMH.- | - | H015 | 041BS-38 | 15 | | | CS-H015 | CVVUCR | 33 | 211121 J016 | 069 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

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Project: **HERSCHEL**

Pin Allocation List (Harness)

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Connector: 111100 P026
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-02

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: BS-LS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT2 -H . HT | HMH | HMH.- | - | H016 | 041BS-38 | 16 | | | | CVVUCR | 33 | 211121 J016 | 097 | 1H 1H |
| 001 | HIFI MGHT2 -H . HTRTN | HMH | HMH.- | - | H016 | 041BS-38 | 16 | | | | CVVUCR | 33 | 211121 J016 | 089 | 1H |
| 007 | HIFI MGHT2 -H . MG | HMH | HMH.- | - | H016 | 041BS-38 | 16 | | | | CVVUCR | 33 | 211121 J016 | 098 | 1H |
| 002 | HIFI MGHT2 -H . MGRTN | HMH | HMH.- | - | H016 | 041BS-38 | 16 | | | | CVVUCR | 33 | 211121 J016 | 090 | 1H |
| 003 | HIFI MGHT2 -H . SHD16 | | HMH.- | - | H016 | 041BS-38 | 16 | | CS-H016 | | CVVUCR | 33 | 211121 J016 | 096 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pin(s) is (are) NC | | | | | | | | The following Pin(s) is (are) NC | | | | | | |
| - | | | | | | | | | : | | | | | | |
| - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Connector: 111100 P027
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-02

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: BS-LS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT3 -H . HT | HMH | HMH.- | - | H017 | 041BS-38 | 17 | | | | CVVUCR | 33 | 211121 J016 | 099 | 1H 1H |
| 001 | HIFI MGHT3 -H . HTRTN | HMH | HMH.- | - | H017 | 041BS-38 | 17 | | | | CVVUCR | 33 | 211121 J016 | 091 | 1H |
| 007 | HIFI MGHT3 -H . MG | HMH | HMH.- | - | H017 | 041BS-38 | 17 | | | | CVVUCR | 33 | 211121 J016 | 100 | 1H |
| 002 | HIFI MGHT3 -H . MGRTN | HMH | HMH.- | - | H017 | 041BS-38 | 17 | | | | CVVUCR | 33 | 211121 J016 | 092 | 1H |
| 003 | HIFI MGHT3 -H . SHD17 | | HMH.- | - | H017 | 041BS-38 | 17 | | | CS-H017 | CVVUCR | 33 | 211121 J016 | 093 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Project: HERSCHEL

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Project: **HERSCHEL**

Pin Allocation List (Harness)

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Connector: 111100 P028
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-02

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: BS-LS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT4 -H . HT | HMH | HMH.- | - | H018 | 041BS-38 | 18 | | | | CVVUCR | 33 | 211121 J016 | 081 | 1H 1H |
| 001 | HIFI MGHT4 -H . HTRTN | HMH | HMH.- | - | H018 | 041BS-38 | 18 | | | | CVVUCR | 33 | 211121 J016 | 072 | 1H |
| 007 | HIFI MGHT4 -H . MG | HMH | HMH.- | - | H018 | 041BS-38 | 18 | | | | CVVUCR | 33 | 211121 J016 | 082 | 1H |
| 002 | HIFI MGHT4 -H . MGRTN | HMH | HMH.- | - | H018 | 041BS-38 | 18 | | | | CVVUCR | 33 | 211121 J016 | 073 | 1H |
| 003 | HIFI MGHT4 -H . SHD18 | | HMH.- | - | H018 | 041BS-38 | 18 | | | CS-H018 | CVVUCR | 33 | 211121 J016 | 083 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Project: **HERSCHEL**

Pin Allocation List

(Harness)

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Connector: 111100 P029**Function / Bundle:** HIFI FPU SIH-XH-02**Conn.-Type:** MWDM2L-09P-6C3-.630**Item:** HHFPU**Backshell:** BS-LS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT5 -H . HT | HMH | HMH.- | - | H019 | 041BS-38 | 19 | | | | CVVUCR | 33 | 211121 J016 | 084 | 1H 1H |
| 001 | HIFI MGHT5 -H . HTRTN | HMH | HMH.- | - | H019 | 041BS-38 | 19 | | | | CVVUCR | 33 | 211121 J016 | 074 | 1H |
| 007 | HIFI MGHT5 -H . MG | HMH | HMH.- | - | H019 | 041BS-38 | 19 | | | | CVVUCR | 33 | 211121 J016 | 085 | 1H |
| 002 | HIFI MGHT5 -H . MGRTN | HMH | HMH.- | - | H019 | 041BS-38 | 19 | | | | CVVUCR | 33 | 211121 J016 | 075 | 1H |
| 003 | HIFI MGHT5 -H . SHD19 | | HMH.- | - | H019 | 041BS-38 | 19 | | | CS-H019 | CVVUCR | 33 | 211121 J016 | 076 | 1H 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Pin Allocation List

(Harness)

Connector: 111100 P053
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-02

Conn.-Type: MWDM2L-21S-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|-------------|-----------|-----|---------|--|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 013 | HIFI SIF D1 -H . SIF1 | H2D | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | CVWUCR | 33 | 211121 J016 | 052 | 3H | 3H | |
| 003 | HIFI SIF D1 -H . SIF2 | H2D | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | CVWUCR | 33 | 211121 J016 | 063 | 3H | 3H | |
| 014 | HIFI SIF D1 -H . SIF3 | H2D | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | CVWUCR | 33 | 211121 J016 | 051 | 3H | 3H | |
| 002 | HIFI SIF D1 -H . TST | H2D | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | CVWUCR | 33 | 211121 J016 | 062 | 3H | 3H | |
| 012 | HIFI SIF D1 -H . RTN1 | H2D | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | CVWUCR | 33 | 211121 J016 | 061 | 3H | 3H | |
| 001 | HIFI SIF D1 -H . SHD31 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | CS-053-1 | CVWUCR | 33 | 211121 J016 | 050 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF D1 -H . SIF4 | H2D | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | CVWUCR | 33 | 211121 J016 | 066 | 3H | 3H | |
| 015 | HIFI SIF D1 -H . SIF5 | H2D | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | CVWUCR | 33 | 211121 J016 | 054 | 3H | 3H | |
| 005 | HIFI SIF D1 -H . SIF6 | H2D | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | CVWUCR | 33 | 211121 J016 | 065 | 3H | 3H | |
| 016 | HIFI SIF D1 -H . SIF7 | H2D | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | CVWUCR | 33 | 211121 J016 | 055 | 3H | 3H | |
| 006 | HIFI SIF D1 -H . RTN2 | H2D | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | CVWUCR | 33 | 211121 J016 | 064 | 3H | 3H | |
| 017 | HIFI SIF D1 -H . SHD32 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | CS-053-2 | CVWUCR | 33 | 211121 J016 | 053 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 009 | HIFI SIF G1 -H . GA | H2G | H2G.- | - | H054 | 041SS-38 | 54 | | | CVWUCR | 33 | 211121 J016 | 059 | 3H | 1H | |
| 019 | HIFI SIF G1 -H . ARTN | H2G | H2G.- | - | H054 | 041SS-38 | 54 | | | CVWUCR | 33 | 211121 J016 | 048 | 3H | | |
| 010 | HIFI SIF G1 -H . GB | H2G | H2G.- | - | H054 | 041SS-38 | 54 | | | CVWUCR | 33 | 211121 J016 | 060 | 3H | | |
| 020 | HIFI SIF G1 -H . BRTN | H2G | H2G.- | - | H054 | 041SS-38 | 54 | | | CVWUCR | 33 | 211121 J016 | 049 | 3H | | |
| 021 | HIFI SIF G1 -H . SHD54 | | H2G.- | - | H054 | 041SS-38 | 54 | | CS-H054 | CVWUCR | 33 | 211121 J016 | 047 | 3H | 3H | |
| - | | | | | | | | | | | | | | | 3H | |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;007 ;008 ;011 ;018 | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Connector: 111100 P054
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-02

Conn.-Type: MWDM2L-21S-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 013 | HIFI SIF D2 -H . SIF1 | H2D | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | CVWUCR | 33 | 211121 J016 | 030 | 3H | 3H | |
| 003 | HIFI SIF D2 -H . SIF2 | H2D | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | CVWUCR | 33 | 211121 J016 | 041 | 3H | 3H | |
| 014 | HIFI SIF D2 -H . SIF3 | H2D | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | CVWUCR | 33 | 211121 J016 | 042 | 3H | 3H | |
| 002 | HIFI SIF D2 -H . TST | H2D | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | CVWUCR | 33 | 211121 J016 | 031 | 3H | 3H | |
| 012 | HIFI SIF D2 -H . RTN1 | H2D | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | CVWUCR | 33 | 211121 J016 | 040 | 3H | 3H | |
| 001 | HIFI SIF D2 -H . SHD51 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | CS-055-1 | CVWUCR | 33 | 211121 J016 | 029 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF D2 -H . SIF4 | H2D | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | CVWUCR | 33 | 211121 J016 | 045 | 3H | 3H | |
| 015 | HIFI SIF D2 -H . SIF5 | H2D | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | CVWUCR | 33 | 211121 J016 | 033 | 3H | 3H | |
| 005 | HIFI SIF D2 -H . SIF6 | H2D | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | CVWUCR | 33 | 211121 J016 | 044 | 3H | 3H | |
| 016 | HIFI SIF D2 -H . SIF7 | H2D | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | CVWUCR | 33 | 211121 J016 | 034 | 3H | 3H | |
| 006 | HIFI SIF D2 -H . RTN2 | H2D | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | CVWUCR | 33 | 211121 J016 | 043 | 3H | 3H | |
| 017 | HIFI SIF D2 -H . SHD52 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | CS-055-2 | CVWUCR | 33 | 211121 J016 | 032 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 009 | HIFI SIF G2 -H . GA | H2G | H2G.- | - | H056 | 041SS-38 | 56 | | | CVWUCR | 33 | 211121 J016 | 038 | 3H | 3H | |
| 019 | HIFI SIF G2 -H . ARTN | H2G | H2G.- | - | H056 | 041SS-38 | 56 | | | CVWUCR | 33 | 211121 J016 | 027 | 3H | 3H | |
| 010 | HIFI SIF G2 -H . GB | H2G | H2G.- | - | H056 | 041SS-38 | 56 | | | CVWUCR | 33 | 211121 J016 | 025 | 3H | 3H | |
| 020 | HIFI SIF G2 -H . BRTN | H2G | H2G.- | - | H056 | 041SS-38 | 56 | | | CVWUCR | 33 | 211121 J016 | 028 | 3H | 3H | |
| 021 | HIFI SIF G2 -H . SHD56 | | H2G.- | - | H056 | 041SS-38 | 56 | | CS-H056 | CVWUCR | 33 | 211121 J016 | | 3H | | |
| - | | | | | | | | | | | | | | 3H | | |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;007 ;008 ;011 ;018 | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Pin Allocation List

(Harness)

Connector: 111100 P055
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-02

Conn.-Type: MWDM2L-21S-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 013 | HIFI SIF D3 -H . SIF1 | H2D | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | CVWUCR | 33 | 211121 J016 | 012 | 3H | 3H | |
| 003 | HIFI SIF D3 -H . SIF2 | H2D | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | CVWUCR | 33 | 211121 J016 | 021 | 3H | 3H | |
| 014 | HIFI SIF D3 -H . SIF3 | H2D | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | CVWUCR | 33 | 211121 J016 | 011 | 3H | 3H | |
| 002 | HIFI SIF D3 -H . TST | H2D | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | CVWUCR | 33 | 211121 J016 | 020 | 3H | 3H | |
| 012 | HIFI SIF D3 -H . RTN1 | H2D | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | CVWUCR | 33 | 211121 J016 | 019 | 3H | 3H | |
| 001 | HIFI SIF D3 -H . SHD71 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | CS-057-1 | CVWUCR | 33 | 211121 J016 | 010 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF D3 -H . SIF4 | H2D | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | CVWUCR | 33 | 211121 J016 | 023 | 3H | 3H | |
| 015 | HIFI SIF D3 -H . SIF5 | H2D | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | CVWUCR | 33 | 211121 J016 | 015 | 3H | 3H | |
| 005 | HIFI SIF D3 -H . SIF6 | H2D | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | CVWUCR | 33 | 211121 J016 | 024 | 3H | 3H | |
| 016 | HIFI SIF D3 -H . SIF7 | H2D | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | CVWUCR | 33 | 211121 J016 | 014 | 3H | 3H | |
| 006 | HIFI SIF D3 -H . RTN2 | H2D | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | CVWUCR | 33 | 211121 J016 | 022 | 3H | 3H | |
| 017 | HIFI SIF D3 -H . SHD72 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | CS-057-2 | CVWUCR | 33 | 211121 J016 | 013 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 009 | HIFI SIF G3 -H . GA | H2G | H2G.- | - | H058 | 041SS-38 | 58 | | | CVWUCR | 33 | 211121 J016 | 004 | 3H | 3H | |
| 019 | HIFI SIF G3 -H . ARTN | H2G | H2G.- | - | H058 | 041SS-38 | 58 | | | CVWUCR | 33 | 211121 J016 | 005 | 3H | 3H | |
| 010 | HIFI SIF G3 -H . GB | H2G | H2G.- | - | H058 | 041SS-38 | 58 | | | CVWUCR | 33 | 211121 J016 | 007 | 3H | 3H | |
| 020 | HIFI SIF G3 -H . BRTN | H2G | H2G.- | - | H058 | 041SS-38 | 58 | | | CVWUCR | 33 | 211121 J016 | 006 | 3H | 3H | |
| 021 | HIFI SIF G3 -H . SHD58 | | H2G.- | - | H058 | 041SS-38 | 58 | | CS-H058 | CVWUCR | 33 | 211121 J016 | 003 | 3H | 3H | |
| - | | | | | | | | | | | | | | | 3H | |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;007 ;008 ;011 ;018 | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Pin Allocation List

(Harness)

Connector: 211121 J016
Item: CVVUCR

Function / Bundle: SIH-XH-02

Conn.-Type: 197-011P22-35PN (Junct.)

Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 079 | HIFI MGHT1-H . HT | | HMH.- | - | H015 | 041BS-38 | 15 | | | | HHFPU | 73 | 111100 P025 | 006 | 1H 3H |
| 070 | HIFI MGHT1-H . HTRTN | | HMH.- | - | H015 | 041BS-38 | 15 | | | | HHFPU | 73 | 111100 P025 | 001 | 1H |
| 080 | HIFI MGHT1-H . MG | | HMH.- | - | H015 | 041BS-38 | 15 | | | | HHFPU | 73 | 111100 P025 | 007 | 1H |
| 071 | HIFI MGHT1-H . MGRTN | | HMH.- | - | H015 | 041BS-38 | 15 | | | | HHFPU | 73 | 111100 P025 | 002 | 1H |
| 069 | HIFI MGHT1-H . SHD15 | | HMH.- | - | H015 | 041BS-38 | 15 | | | CS-H015 | HHFPU | 73 | 111100 P025 | 003 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 097 | HIFI MGHT2 -H . HT | | HMH.- | - | H016 | 041BS-38 | 16 | | | | HHFPU | 73 | 111100 P026 | 006 | 1H 1H |
| 089 | HIFI MGHT2 -H . HTRTN | | HMH.- | - | H016 | 041BS-38 | 16 | | | | HHFPU | 73 | 111100 P026 | 001 | 1H |
| 098 | HIFI MGHT2 -H . MG | | HMH.- | - | H016 | 041BS-38 | 16 | | | | HHFPU | 73 | 111100 P026 | 007 | 1H |
| 090 | HIFI MGHT2 -H . MGRTN | | HMH.- | - | H016 | 041BS-38 | 16 | | | | HHFPU | 73 | 111100 P026 | 002 | 1H |
| 096 | HIFI MGHT2 -H . SHD16 | | HMH.- | - | H016 | 041BS-38 | 16 | | | CS-H016 | HHFPU | 73 | 111100 P026 | 003 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 099 | HIFI MGHT3 -H . HT | | HMH.- | - | H017 | 041BS-38 | 17 | | | | HHFPU | 73 | 111100 P027 | 006 | 1H 1H |
| 091 | HIFI MGHT3 -H . HTRTN | | HMH.- | - | H017 | 041BS-38 | 17 | | | | HHFPU | 73 | 111100 P027 | 001 | 1H |
| 100 | HIFI MGHT3 -H . MG | | HMH.- | - | H017 | 041BS-38 | 17 | | | | HHFPU | 73 | 111100 P027 | 007 | 1H |
| 092 | HIFI MGHT3 -H . MGRTN | | HMH.- | - | H017 | 041BS-38 | 17 | | | | HHFPU | 73 | 111100 P027 | 002 | 1H |
| 093 | HIFI MGHT3 -H . SHD17 | | HMH.- | - | H017 | 041BS-38 | 17 | | | CS-H017 | HHFPU | 73 | 111100 P027 | 003 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 081 | HIFI MGHT4 -H . HT | | HMH.- | - | H018 | 041BS-38 | 18 | | | | HHFPU | 73 | 111100 P028 | 006 | 1H 1H |
| 072 | HIFI MGHT4 -H . HTRTN | | HMH.- | - | H018 | 041BS-38 | 18 | | | | HHFPU | 73 | 111100 P028 | 001 | 1H |
| 082 | HIFI MGHT4 -H . MG | | HMH.- | - | H018 | 041BS-38 | 18 | | | | HHFPU | 73 | 111100 P028 | 007 | 1H |
| 073 | HIFI MGHT4 -H . MGRTN | | HMH.- | - | H018 | 041BS-38 | 18 | | | | HHFPU | 73 | 111100 P028 | 002 | 1H |
| 083 | HIFI MGHT4 -H . SHD18 | | HMH.- | - | H018 | 041BS-38 | 18 | | | CS-H018 | HHFPU | 73 | 111100 P028 | 003 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 084 | HIFI MGHT5 -H . HT | | HMH.- | - | H019 | 041BS-38 | 19 | | | | HHFPU | 73 | 111100 P029 | 006 | 1H 1H |
| 074 | HIFI MGHT5 -H . HTRTN | | HMH.- | - | H019 | 041BS-38 | 19 | | | | HHFPU | 73 | 111100 P029 | 001 | 1H |
| 085 | HIFI MGHT5 -H . MG | | HMH.- | - | H019 | 041BS-38 | 19 | | | | HHFPU | 73 | 111100 P029 | 007 | 1H |
| 075 | HIFI MGHT5 -H . MGRTN | | HMH.- | - | H019 | 041BS-38 | 19 | | | | HHFPU | 73 | 111100 P029 | 002 | 1H |
| 076 | HIFI MGHT5 -H . SHD19 | | HMH.- | - | H019 | 041BS-38 | 19 | | | CS-H019 | HHFPU | 73 | 111100 P029 | 003 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 052 | HIFI SIF D1 -H . SIF1 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHFPU | 73 | 111100 P053 | 013 | 3H 3H |
| 063 | HIFI SIF D1 -H . SIF2 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHFPU | 73 | 111100 P053 | 003 | 3H 3H |
| 051 | HIFI SIF D1 -H . SIF3 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHFPU | 73 | 111100 P053 | 014 | 3H 3H |
| 062 | HIFI SIF D1 -H . TST | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHFPU | 73 | 111100 P053 | 002 | 3H 3H |

Pin Allocation List

(Harness)

Connector: 211121 J016
Item: CVVUCR

Function / Bundle: SIH-XH-02

Conn.-Type: 197-011P22-35PN (Junct.)

Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 061 | HIFI SIF D1 -H . RTN1 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHFPU | 73 | 111100 P053 | 012 | 3H | 3H |
| 050 | HIFI SIF D1 -H . SHD31 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | CS-053-1 | | HHFPU | 73 | 111100 P053 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 066 | HIFI SIF D1 -H . SIF4 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHFPU | 73 | 111100 P053 | 004 | 3H | 3H |
| 054 | HIFI SIF D1 -H . SIF5 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHFPU | 73 | 111100 P053 | 015 | 3H | 3H |
| 065 | HIFI SIF D1 -H . SIF6 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHFPU | 73 | 111100 P053 | 005 | 3H | 3H |
| 055 | HIFI SIF D1 -H . SIF7 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHFPU | 73 | 111100 P053 | 016 | 3H | 3H |
| 064 | HIFI SIF D1 -H . RTN2 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHFPU | 73 | 111100 P053 | 006 | 3H | 3H |
| 053 | HIFI SIF D1 -H . SHD32 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | CS-053-2 | | HHFPU | 73 | 111100 P053 | 017 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 059 | HIFI SIF G1 -H . GA | | H2G.- | - | H054 | 041SS-38 | 54 | | | | HHFPU | 73 | 111100 P053 | 009 | 1H | 3H |
| 048 | HIFI SIF G1 -H . ARTN | | H2G.- | - | H054 | 041SS-38 | 54 | | | | HHFPU | 73 | 111100 P053 | 019 | | 3H |
| 060 | HIFI SIF G1 -H . GB | | H2G.- | - | H054 | 041SS-38 | 54 | | | | HHFPU | 73 | 111100 P053 | 010 | | 3H |
| 049 | HIFI SIF G1 -H . BRTN | | H2G.- | - | H054 | 041SS-38 | 54 | | | | HHFPU | 73 | 111100 P053 | 020 | | 3H |
| 047 | HIFI SIF G1 -H . SHD54 | | H2G.- | - | H054 | 041SS-38 | 54 | | CS-H054 | | HHFPU | 73 | 111100 P053 | 021 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI SIF D2 -H . SIF1 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHFPU | 73 | 111100 P054 | 013 | 3H | 3H |
| 041 | HIFI SIF D2 -H . SIF2 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHFPU | 73 | 111100 P054 | 003 | 3H | 3H |
| 042 | HIFI SIF D2 -H . SIF3 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHFPU | 73 | 111100 P054 | 014 | 3H | 3H |
| 031 | HIFI SIF D2 -H . TST | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHFPU | 73 | 111100 P054 | 002 | 3H | 3H |
| 040 | HIFI SIF D2 -H . RTN1 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHFPU | 73 | 111100 P054 | 012 | 3H | 3H |
| 029 | HIFI SIF D2 -H . SHD51 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | CS-055-1 | | HHFPU | 73 | 111100 P054 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 045 | HIFI SIF D2 -H . SIF4 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHFPU | 73 | 111100 P054 | 004 | 3H | 3H |
| 033 | HIFI SIF D2 -H . SIF5 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHFPU | 73 | 111100 P054 | 015 | 3H | 3H |
| 044 | HIFI SIF D2 -H . SIF6 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHFPU | 73 | 111100 P054 | 005 | 3H | 3H |
| 034 | HIFI SIF D2 -H . SIF7 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHFPU | 73 | 111100 P054 | 016 | 3H | 3H |
| 043 | HIFI SIF D2 -H . RTN2 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHFPU | 73 | 111100 P054 | 006 | 3H | 3H |
| 032 | HIFI SIF D2 -H . SHD52 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | CS-055-2 | | HHFPU | 73 | 111100 P054 | 017 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 038 | HIFI SIF G2 -H . GA | | H2G.- | - | H056 | 041SS-38 | 56 | | | | HHFPU | 73 | 111100 P054 | 009 | 3H | 3H |
| 027 | HIFI SIF G2 -H . ARTN | | H2G.- | - | H056 | 041SS-38 | 56 | | | | HHFPU | 73 | 111100 P054 | 019 | 3H | 3H |
| 025 | HIFI SIF G2 -H . GB | | H2G.- | - | H056 | 041SS-38 | 56 | | | | HHFPU | 73 | 111100 P054 | 010 | 3H | 3H |
| 028 | HIFI SIF G2 -H . BRTN | | H2G.- | - | H056 | 041SS-38 | 56 | | | | HHFPU | 73 | 111100 P054 | 020 | 3H | 3H |

Pin Allocation List (Harness)

Connector: 211121 J016
Item: CVVUCR

Function / Bundle: SIH-XH-02

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-------------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 037 | HIFI SIF G2 -H . SHD03 | | H2G.- | - | H056 | 041SS-38 | 56 | | | CS-H056 | HHFPU | 73 | 111100 P054 | 013 | 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI SIF D3 -H . SIF1 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHFPU | 73 | 111100 P055 | 003 | 3H 3H |
| 021 | HIFI SIF D3 -H . SIF2 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHFPU | 73 | 111100 P055 | 003 | 3H 3H |
| 011 | HIFI SIF D3 -H . SIF3 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHFPU | 73 | 111100 P055 | 014 | 3H 3H |
| 020 | HIFI SIF D3 -H . TST | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHFPU | 73 | 111100 P055 | 002 | 3H 3H |
| 019 | HIFI SIF D3 -H . RTN1 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHFPU | 73 | 111100 P055 | 012 | 3H 3H |
| 010 | HIFI SIF D3 -H . SHD71 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | CS-057-1 | HHFPU | 73 | 111100 P055 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 015 | HIFI SIF D3 -H . SIF5 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHFPU | 73 | 111100 P055 | 015 | 3H 3H |
| 024 | HIFI SIF D3 -H . SIF6 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHFPU | 73 | 111100 P055 | 005 | 3H 3H |
| 014 | HIFI SIF D3 -H . SIF7 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHFPU | 73 | 111100 P055 | 016 | 3H 3H |
| 023 | HIFI SIF D3 -H . SIF4 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHFPU | 73 | 111100 P055 | 004 | 3H 3H |
| 022 | HIFI SIF D3 -H . RTN2 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHFPU | 73 | 111100 P055 | 006 | 3H 3H |
| 013 | HIFI SIF D3 -H . SHD72 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | CS-057-2 | HHFPU | 73 | 111100 P055 | 017 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI SIF G3 -H . GA | | H2G.- | - | H058 | 041SS-38 | 58 | | | | HHFPU | 73 | 111100 P055 | 009 | 3H 3H |
| 005 | HIFI SIF G3 -H . ARTN | | H2G.- | - | H058 | 041SS-38 | 58 | | | | HHFPU | 73 | 111100 P055 | 019 | 3H 3H |
| 007 | HIFI SIF G3 -H . GB | | H2G.- | - | H058 | 041SS-38 | 58 | | | | HHFPU | 73 | 111100 P055 | 010 | 3H 3H |
| 006 | HIFI SIF G3 -H . BRTN | | H2G.- | - | H058 | 041SS-38 | 58 | | | | HHFPU | 73 | 111100 P055 | 020 | 3H 3H |
| 003 | HIFI SIF G3 -H . SHD58 | | H2G.- | - | H058 | 041SS-38 | 58 | | | CS-H058 | HHFPU | 73 | 111100 P055 | 021 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 24 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | | | | | | | | | | ;001 ;002 ;008 ;009 ;016 ;017 | | | | | |
| - | | | | | | | | | | ;018 ;026 ;035 ;036 ;039 ;046 | | | | | |
| - | | | | | | | | | | ;056 ;057 ;058 ;067 ;068 ;077 | | | | | |
| - | | | | | | | | | | ;078 ;086 ;087 ;088 ;094 ;095 | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List (Harness)

Connector: 111100 P018
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX1-V . B | HMX | HMX.- | - | H008 | 051SS-38 | 8 | | | | CVVUCR | 33 | 211121 J019 | 096 | 1H 3H |
| 003 | HIFI MX1-V . VM | HMX | HMX.- | - | H008 | 051SS-38 | 8 | | | | CVVUCR | 33 | 211121 J019 | 097 | 1H 3H |
| 004 | HIFI MX1-V . IM | HMX | HMX.- | - | H008 | 051SS-38 | 8 | | | | CVVUCR | 33 | 211121 J019 | 090 | 1H 3H |
| 007 | HIFI MX1-V . BRTN | HMX | HMX.- | - | H008 | 051SS-38 | 8 | | | | CVVUCR | 33 | 211121 J019 | 088 | 1H 3H |
| 008 | HIFI MX1-V . VMRTN | HMX | HMX.- | - | H008 | 051SS-38 | 8 | | | | CVVUCR | 33 | 211121 J019 | 089 | 1H 3H |
| 001 | HIFI MX1-V . SHD08 | | HMX.- | - | H008 | 051SS-38 | 8 | | | CS-H008 | CVVUCR | 33 | 211121 J019 | 095 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

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Connector: 111100 P046
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF1 D -V . D1 | H1D | H1D.- | - | H039 | 041BS-30 | 39 | | | | CVWUCR | 33 | 211121 J019 | 048 | 3H 3H |
| 006 | HIFI FIF1 D -V . D2 | H1D | H1D.- | - | H039 | 041BS-30 | 39 | | | | CVWUCR | 33 | 211121 J019 | 049 | 3H 3H |
| 004 | HIFI FIF1 D -V . TST | H1D | H1D.- | - | H039 | 041BS-30 | 39 | | | | CVWUCR | 33 | 211121 J019 | 059 | 3H 3H |
| 009 | HIFI FIF1 D -V . DRTN | H1D | H1D.- | - | H039 | 041BS-30 | 39 | | | | CVWUCR | 33 | 211121 J019 | 060 | 3H 3H |
| 007 | HIFI FIF1 D -V . SHD39 | | H1D.- | - | H039 | 041BS-30 | 39 | | CS-H039 | | CVWUCR | 33 | 211121 J019 | 058 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF1 G -V . G1 | H1G | H1G.- | - | H040 | 031SS-38 | 40 | | | | CVWUCR | 33 | 211121 J019 | 025 | 3H 3H |
| 008 | HIFI FIF1 G -V . G2 | H1G | H1G.- | - | H040 | 031SS-38 | 40 | | | | CVWUCR | 33 | 211121 J019 | 036 | 3H 3H |
| 002 | HIFI FIF1 G -V . GR TN | H1G | H1G.- | - | H040 | 031SS-38 | 40 | | | | CVWUCR | 33 | 211121 J019 | 035 | 3H 3H |
| 001 | HIFI FIF1 G -V . SHD40 | | H1G.- | - | H040 | 031SS-38 | 40 | | CS-H040 | | CVWUCR | 33 | 211121 J019 | 016 | 3H 3H |

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Pin Allocation List (Harness)

Connector: 111100 P019
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX2-V . B | HMX | HMX.- | - | H009 | 051SS-38 | 9 | | | | CVVUCR | 33 | 211121 J019 | 091 | 1H 3H |
| 003 | HIFI MX2-V . VM | HMX | HMX.- | - | H009 | 051SS-38 | 9 | | | | CVVUCR | 33 | 211121 J019 | 099 | 1H 3H |
| 004 | HIFI MX2-V . IM | HMX | HMX.- | - | H009 | 051SS-38 | 9 | | | | CVVUCR | 33 | 211121 J019 | 100 | 1H 3H |
| 007 | HIFI MX2-V . BRTN | HMX | HMX.- | - | H009 | 051SS-38 | 9 | | | | CVVUCR | 33 | 211121 J019 | 092 | 1H 3H |
| 008 | HIFI MX2-V . VMRTN | HMX | HMX.- | - | H009 | 051SS-38 | 9 | | | | CVVUCR | 33 | 211121 J019 | 093 | 1H 3H |
| 001 | HIFI MX2-V . SHD09 | | HMX.- | - | H009 | 051SS-38 | 9 | | | CS-H009 | CVVUCR | 33 | 211121 J019 | 098 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Pin Allocation List (Harness)

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Pin Allocation List

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Connector: 111100 P047**Function / Bundle:** HIFI FPU SIH-XH-03**Conn.-Type:** MWDM2L-09S-6C3-.630**Item:** HHFPU**Backshell:** 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 003 | HIFI FIF2 D -V . D1 | H1D | H1D.1 | - | H041 | 031BS-30 | 41 | | | | CVWUCR | 33 | 211121 J019 | 034 | 3H | 3H |
| 006 | HIFI FIF2 D -V . D2 | H1D | H1D.1 | - | H041 | 031BS-30 | 41 | | | | CVWUCR | 33 | 211121 J019 | 045 | 3H | 3H |
| 009 | HIFI FIF2 D -V . DRTN | H1D | H1D.1 | - | H041 | 031BS-30 | 41 | | | | CVWUCR | 33 | 211121 J019 | 044 | 3H | 3H |
| 007 | HIFI FIF2 D -V . SHD41 | | H1D.1 | - | H041 | 031BS-30 | 41 | | | CS-H041 | CVWUCR | 33 | 211121 J019 | 033 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 005 | HIFI FIF2 G -V . G1 | H1G | H1G.- | - | H042 | 031SS-38 | 42 | | | | CVWUCR | 33 | 211121 J019 | 042 | 3H | 3H |
| 008 | HIFI FIF2 G -V . G2 | H1G | H1G.- | - | H042 | 031SS-38 | 42 | | | | CVWUCR | 33 | 211121 J019 | 043 | 3H | 3H |
| 002 | HIFI FIF2 G -V . GRTN | H1G | H1G.- | - | H042 | 031SS-38 | 42 | | | | CVWUCR | 33 | 211121 J019 | 032 | 3H | 3H |
| 001 | HIFI FIF2 G -V . SHD42 | | H1G.- | - | H042 | 031SS-38 | 42 | | | CS-H042 | CVWUCR | 33 | 211121 J019 | 031 | 3H | 3H |
| - | | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | | The following Pin is NC : | | | | | | |
| - | - | | | | | | | | | ;004 | | | | | | |

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Pin Allocation List
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Pin Allocation List

(Harness)

Connector: 111100 P020
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX3-V . B | HMX | HMX.- | - | H010 | 051SS-38 | 10 | | | | CVVUCR | 33 | 211121 J019 | 069 | 1H 3H |
| 003 | HIFI MX3-V . VM | HMX | HMX.- | - | H010 | 051SS-38 | 10 | | | | CVVUCR | 33 | 211121 J019 | 070 | 1H 3H |
| 004 | HIFI MX3-V . IM | HMX | HMX.- | - | H010 | 051SS-38 | 10 | | | | CVVUCR | 33 | 211121 J019 | 079 | 1H 3H |
| 007 | HIFI MX3-V . BRTN | HMX | HMX.- | - | H010 | 051SS-38 | 10 | | | | CVVUCR | 33 | 211121 J019 | 068 | 1H 3H |
| 008 | HIFI MX3-V . VMRTN | HMX | HMX.- | - | H010 | 051SS-38 | 10 | | | | CVVUCR | 33 | 211121 J019 | 078 | 1H 3H |
| 001 | HIFI MX3-V . SHD10 | | HMX.- | - | H010 | 051SS-38 | 10 | | | CS-H010 | CVVUCR | 33 | 211121 J019 | 087 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Project: **HERSCHEL****Connector:** 111100 P048**Function / Bundle:** HIFI FPU SIH-XH-03**Conn.-Type:** MWDM2L-09S-6C3-.630**Item:** HHFPU**Backshell:** 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 3H |
| 003 | HIFI FIF3 D -V . D1 | H1D | H1D.1 | - | H043 | 031BS-30 | 1 | | J | | CVWUCR | 33 | 211121 J019 | 030 | 1H | 3H |
| 006 | HIFI FIF3 D -V . D2 | H1D | H1D.1 | - | H043 | 031BS-30 | 1 | | J | | CVWUCR | 33 | 211121 J019 | 041 | 1H | 3H |
| 009 | HIFI FIF3 D -V . DRTN | H1D | H1D.1 | - | H043 | 031BS-30 | 1 | | J | | CVWUCR | 33 | 211121 J019 | 040 | 1H | 3H |
| 007 | HIFI FIF3 D -V . SHD43 | | H1D.1 | - | H043 | 031BS-30 | 1 | | J | CS-H043 | CVWUCR | 33 | 211121 J019 | 029 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 005 | HIFI FIF3 G -V . G1 | H1G | H1G.- | - | H044 | 031SS-38 | 2 | | J | | CVWUCR | 33 | 211121 J019 | 028 | 1H | 3H |
| 008 | HIFI FIF3 G -V . G2 | H1G | H1G.- | - | H044 | 031SS-38 | 2 | | J | | CVWUCR | 33 | 211121 J019 | 039 | 1H | 3H |
| 002 | HIFI FIF3 G -V . GRTN | H1G | H1G.- | - | H044 | 031SS-38 | 2 | | J | | CVWUCR | 33 | 211121 J019 | 038 | 1H | 3H |
| 001 | HIFI FIF3 G -V . SHD44 | | H1G.- | - | H044 | 031SS-38 | 2 | | J | CS-H044 | CVWUCR | 33 | 211121 J019 | 027 | 3H | 3H |
| - | | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | | The following Pin is NC : | | | | | | |
| - | - | | | | | | | | | ;004 | | | | | | |

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Pin Allocation List

(Harness)

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Pin Allocation List (Harness)

Connector: 111100 P021
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX4-V . B | HMX | HMX.- | - | H011 | 051SS-38 | 11 | | | | CVVUCR | 33 | 211121 J019 | 081 | 1H 3H |
| 003 | HIFI MX4-V . VM | HMX | HMX.- | - | H011 | 051SS-38 | 11 | | | | CVVUCR | 33 | 211121 J019 | 072 | 1H 3H |
| 004 | HIFI MX4-V . IM | HMX | HMX.- | - | H011 | 051SS-38 | 11 | | | | CVVUCR | 33 | 211121 J019 | 073 | 1H 3H |
| 007 | HIFI MX4-V . BRTN | HMX | HMX.- | - | H011 | 051SS-38 | 11 | | | | CVVUCR | 33 | 211121 J019 | 080 | 1H 3H |
| 008 | HIFI MX4-V . VMRTN | HMX | HMX.- | - | H011 | 051SS-38 | 11 | | | | CVVUCR | 33 | 211121 J019 | 082 | 1H 3H |
| 001 | HIFI MX4-V . SHD11 | | HMX.- | - | H011 | 051SS-38 | 11 | | CS-H011 | | CVVUCR | 33 | 211121 J019 | 071 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;005 ;006 ;009 | | | | | | |

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Pin Allocation List

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Connector: 111100 P049**Function / Bundle:** HIFI FPU SIH-XH-03**Conn.-Type:** MWDM2L-09S-6C3-.630**Item:** HHFPU**Backshell:** 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF4 D -V . D1 | H1D | H1D.- | - | H045 | 041BS-30 | 45 | | | | CVWUCR | 33 | 211121 J019 | 014 | 3H 3H |
| 006 | HIFI FIF4 D -V . D2 | H1D | H1D.- | - | H045 | 041BS-30 | 45 | | | | CVWUCR | 33 | 211121 J019 | 015 | 3H 3H |
| 004 | HIFI FIF4 D -V . TST | H1D | H1D.- | - | H045 | 041BS-30 | 45 | | | | CVWUCR | 33 | 211121 J019 | 023 | 3H 3H |
| 009 | HIFI FIF4 D -V . DRTN | H1D | H1D.- | - | H045 | 041BS-30 | 45 | | | | CVWUCR | 33 | 211121 J019 | 024 | 3H 3H |
| 007 | HIFI FIF4 D -V . SHD45 | | H1D.- | - | H045 | 041BS-30 | 45 | | CS-H045 | | CVWUCR | 33 | 211121 J019 | 022 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF4 G -V . G1 | H1G | H1G.- | - | H046 | 031SS-38 | 46 | | | | CVWUCR | 33 | 211121 J019 | 012 | 3H 3H |
| 008 | HIFI FIF4 G -V . G2 | H1G | H1G.- | - | H046 | 031SS-38 | 46 | | | | CVWUCR | 33 | 211121 J019 | 013 | 3H 3H |
| 002 | HIFI FIF4 G -V . GR TN | H1G | H1G.- | - | H046 | 031SS-38 | 46 | | | | CVWUCR | 33 | 211121 J019 | 021 | 3H 3H |
| 001 | HIFI FIF4 G -V . SHD46 | | H1G.- | - | H046 | 031SS-38 | 46 | | CS-H046 | | CVWUCR | 33 | 211121 J019 | 020 | 3H 3H |

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Pin Allocation List (Harness)

Connector: 111100 P022
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX5-V . B | HMX | HMX.- | - | H012 | 051SS-38 | 12 | | | | CVVUCR | 33 | 211121 J019 | 076 | 1H 3H |
| 003 | HIFI MX5-V . VM | HMX | HMX.- | - | H012 | 051SS-38 | 12 | | | | CVVUCR | 33 | 211121 J019 | 084 | 1H 3H |
| 004 | HIFI MX5-V . IM | HMX | HMX.- | - | H012 | 051SS-38 | 12 | | | | CVVUCR | 33 | 211121 J019 | 085 | 1H 3H |
| 007 | HIFI MX5-V . BRTN | HMX | HMX.- | - | H012 | 051SS-38 | 12 | | | | CVVUCR | 33 | 211121 J019 | 075 | 1H 3H |
| 008 | HIFI MX5-V . VMRTN | HMX | HMX.- | - | H012 | 051SS-38 | 12 | | | | CVVUCR | 33 | 211121 J019 | 074 | 1H 3H |
| 001 | HIFI MX5-V . SHD12 | | HMX.- | - | H012 | 051SS-38 | 12 | | | CS-H012 | CVVUCR | 33 | 211121 J019 | 083 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Pin Allocation List (Harness)

Connector: 111100 P050
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF5 D -V . D1 | H1D | H1D.1 | - | H047 | 031BS-30 | 47 | | | | CVWUCR | 33 | 211121 J019 | 017 | 3H 3H |
| 006 | HIFI FIF5 D -V . D2 | H1D | H1D.1 | - | H047 | 031BS-30 | 47 | | | | CVWUCR | 33 | 211121 J019 | 037 | 3H 3H |
| 009 | HIFI FIF5 D -V . DRTN | H1D | H1D.1 | - | H047 | 031BS-30 | 47 | | | | CVWUCR | 33 | 211121 J019 | 026 | 3H 3H |
| 007 | HIFI FIF5 D -V . SHD47 | | H1D.1 | - | H047 | 031BS-30 | 47 | | CS-H047 | | CVWUCR | 33 | 211121 J019 | 009 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF5 G -V . G1 | H1G | H1G.- | - | H048 | 031SS-38 | 48 | | | | CVWUCR | 33 | 211121 J019 | 010 | 3H 3H |
| 008 | HIFI FIF5 G -V . G2 | H1G | H1G.- | - | H048 | 031SS-38 | 48 | | | | CVWUCR | 33 | 211121 J019 | 019 | 3H 3H |
| 002 | HIFI FIF5 G -V . GR TN | H1G | H1G.- | - | H048 | 031SS-38 | 48 | | | | CVWUCR | 33 | 211121 J019 | 011 | 3H 3H |
| 001 | HIFI FIF5 G -V . SHD48 | | H1G.- | - | H048 | 031SS-38 | 48 | | CS-H048 | | CVWUCR | 33 | 211121 J019 | 018 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | The following Pin is NC : | | | | | | |
| - | - | | | | | | | | ;004 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

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Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Connector: 111100 P023
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX6-V . B | HMX | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVVUCR | 33 | 211121 J019 | 054 | 1H 3H |
| 003 | HIFI MX6-V . VM | HMX | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVVUCR | 33 | 211121 J019 | 055 | 1H 3H |
| 004 | HIFI MX6-V . IM | HMX | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVVUCR | 33 | 211121 J019 | 064 | 1H 3H |
| 007 | HIFI MX6-V . BRTN | HMX | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVVUCR | 33 | 211121 J019 | 065 | 1H 3H |
| 008 | HIFI MX6-V . VMRTN | HMX | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVVUCR | 33 | 211121 J019 | 066 | 1H 3H |
| 001 | HIFI MX6-V . SHD13 | | HMX.- | - | H013 | 051SS-38 | 13 | | | CS-H013 | CVVUCR | 33 | 211121 J019 | 053 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Pin Allocation List (Harness)

Connector: 111100 P051
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF6 D -V . D1 | H1D | H1D.1 | - | H049 | 031BS-30 | 49 | | | | CVWUCR | 33 | 211121 J019 | 001 | 3H 3H |
| 006 | HIFI FIF6 D -V . D2 | H1D | H1D.1 | - | H049 | 031BS-30 | 49 | | | | CVWUCR | 33 | 211121 J019 | 002 | 3H 3H |
| 009 | HIFI FIF6 D -V . DRTN | H1D | H1D.1 | - | H049 | 031BS-30 | 49 | | | | CVWUCR | 33 | 211121 J019 | 003 | 3H 3H |
| 007 | HIFI FIF6 D -V . SHD49 | | H1D.1 | - | H049 | 031BS-30 | 49 | | CS-H049 | | CVWUCR | 33 | 211121 J019 | 008 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF6 G -V . G1 | H1G | H1G.- | - | H050 | 031SS-38 | 50 | | | | CVWUCR | 33 | 211121 J019 | 004 | 3H 3H |
| 008 | HIFI FIF6 G -V . G2 | H1G | H1G.- | - | H050 | 031SS-38 | 50 | | | | CVWUCR | 33 | 211121 J019 | 005 | 3H 3H |
| 002 | HIFI FIF6 G -V . GRTN | H1G | H1G.- | - | H050 | 031SS-38 | 50 | | | | CVWUCR | 33 | 211121 J019 | 006 | 3H 3H |
| 001 | HIFI FIF6 G -V . SHD50 | | H1G.- | - | H050 | 031SS-38 | 50 | | CS-H050 | | CVWUCR | 33 | 211121 J019 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | The following Pin is NC : | | | | | | |
| - | | | | | | | | | ;004 | | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 85 (of 474)

Connector: 111100 P024
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-03

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI MX7-V . B | HMX | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVVUCR | 33 | 211121 J019 | 051 | 1H 3H |
| 003 | HIFI MX7-V . VM | HMX | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVVUCR | 33 | 211121 J019 | 052 | 1H 3H |
| 004 | HIFI MX7-V . IM | HMX | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVVUCR | 33 | 211121 J019 | 061 | 1H 3H |
| 007 | HIFI MX7-V . BRTN | HMX | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVVUCR | 33 | 211121 J019 | 062 | 1H 3H |
| 008 | HIFI MX7-V . VMRTN | HMX | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVVUCR | 33 | 211121 J019 | 063 | 1H 3H |
| 001 | HIFI MX7-V . SHD14 | | HMX.- | - | H014 | 051SS-38 | 14 | | | CS-H014 | CVVUCR | 33 | 211121 J019 | 050 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 3 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;005 ;006 ;009 | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111100 P052
Item: HHFPU
Function / Bundle: HIFI FPU SIH-XH-03
Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI FIF7 D -V . D1 | H1D | H1D.1 | - | H051 | 031BS-30 | 51 | | | | CVWUCR | 33 | 211121 J019 | 056 | 3H 3H |
| 006 | HIFI FIF7 D -V . D2 | H1D | H1D.1 | - | H051 | 031BS-30 | 51 | | | | CVWUCR | 33 | 211121 J019 | 057 | 3H 3H |
| 009 | HIFI FIF7 D -V . DRTN | H1D | H1D.1 | - | H051 | 031BS-30 | 51 | | | | CVWUCR | 33 | 211121 J019 | 046 | 3H 3H |
| 007 | HIFI FIF7 D -V . SHD51 | | H1D.1 | - | H051 | 031BS-30 | 51 | | CS-H051 | | CVWUCR | 33 | 211121 J019 | 047 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI FIF7 G -V . G1 | H1G | H1G.- | - | H052 | 031SS-38 | 52 | | | | CVWUCR | 33 | 211121 J019 | 077 | 3H 3H |
| 008 | HIFI FIF7 G -V . G2 | H1G | H1G.- | - | H052 | 031SS-38 | 52 | | | | CVWUCR | 33 | 211121 J019 | 086 | 3H 3H |
| 002 | HIFI FIF7 G -V . GRTN | H1G | H1G.- | - | H052 | 031SS-38 | 52 | | | | CVWUCR | 33 | 211121 J019 | 094 | 3H 3H |
| 001 | HIFI FIF7 G -V . SHD52 | | H1G.- | - | H052 | 031SS-38 | 52 | | CS-H052 | | CVWUCR | 33 | 211121 J019 | 067 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 1 pin is NC | | | | | | | | The following Pin is NC : | | | | | | |
| - | - | | | | | | | | ;004 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1

Date : 16.12.2005

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Pin Allocation List

(Harness)

Connector: 211121 J019
Item: CVVUCR

Function / Bundle: SIH-XH-03

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 096 | HIFI MX1-V . B | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHFPU | 73 | 111100 P018 | 002 | 3H | 1H |
| 097 | HIFI MX1-V . VM | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHFPU | 73 | 111100 P018 | 003 | 3H | 1H |
| 090 | HIFI MX1-V . IM | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHFPU | 73 | 111100 P018 | 004 | 3H | 1H |
| 088 | HIFI MX1-V . BRTN | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHFPU | 73 | 111100 P018 | 007 | 3H | 1H |
| 089 | HIFI MX1-V . VMRTN | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHFPU | 73 | 111100 P018 | 008 | 3H | 1H |
| 095 | HIFI MX1-V . SHD08 | | HMX.- | - | H008 | 051SS-38 | 8 | | CS-H008 | | HHFPU | 73 | 111100 P018 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 091 | HIFI MX2-V . B | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHFPU | 73 | 111100 P019 | 002 | 3H | 1H |
| 099 | HIFI MX2-V . VM | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHFPU | 73 | 111100 P019 | 003 | 3H | 1H |
| 100 | HIFI MX2-V . IM | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHFPU | 73 | 111100 P019 | 004 | 3H | 1H |
| 092 | HIFI MX2-V . BRTN | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHFPU | 73 | 111100 P019 | 007 | 3H | 1H |
| 093 | HIFI MX2-V . VMRTN | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHFPU | 73 | 111100 P019 | 008 | 3H | 1H |
| 098 | HIFI MX2-V . SHD09 | | HMX.- | - | H009 | 051SS-38 | 9 | | CS-H009 | | HHFPU | 73 | 111100 P019 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 069 | HIFI MX3-V . B | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHFPU | 73 | 111100 P020 | 002 | 3H | 1H |
| 070 | HIFI MX3-V . VM | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHFPU | 73 | 111100 P020 | 003 | 3H | 1H |
| 079 | HIFI MX3-V . IM | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHFPU | 73 | 111100 P020 | 004 | 3H | 1H |
| 068 | HIFI MX3-V . BRTN | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHFPU | 73 | 111100 P020 | 007 | 3H | 1H |
| 078 | HIFI MX3-V . VMRTN | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHFPU | 73 | 111100 P020 | 008 | 3H | 1H |
| 087 | HIFI MX3-V . SHD10 | | HMX.- | - | H010 | 051SS-38 | 10 | | CS-H010 | | HHFPU | 73 | 111100 P020 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MX4-V . B | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHFPU | 73 | 111100 P021 | 002 | 3H | 1H |
| 072 | HIFI MX4-V . VM | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHFPU | 73 | 111100 P021 | 003 | 3H | 1H |
| 073 | HIFI MX4-V . IM | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHFPU | 73 | 111100 P021 | 004 | 3H | 1H |
| 080 | HIFI MX4-V . BRTN | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHFPU | 73 | 111100 P021 | 007 | 3H | 1H |
| 082 | HIFI MX4-V . VMRTN | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHFPU | 73 | 111100 P021 | 008 | 3H | 1H |
| 071 | HIFI MX4-V . SHD11 | | HMX.- | - | H011 | 051SS-38 | 11 | | CS-H011 | | HHFPU | 73 | 111100 P021 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 076 | HIFI MX5-V . B | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHFPU | 73 | 111100 P022 | 002 | 3H | 1H |
| 084 | HIFI MX5-V . VM | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHFPU | 73 | 111100 P022 | 003 | 3H | 1H |
| 085 | HIFI MX5-V . IM | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHFPU | 73 | 111100 P022 | 004 | 3H | 1H |
| 075 | HIFI MX5-V . BRTN | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHFPU | 73 | 111100 P022 | 007 | 3H | 1H |
| 074 | HIFI MX5-V . VMRTN | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHFPU | 73 | 111100 P022 | 008 | 3H | 1H |
| 083 | HIFI MX5-V . SHD12 | | HMX.- | - | H012 | 051SS-38 | 12 | | CS-H012 | | HHFPU | 73 | 111100 P022 | 001 | 3H | 3H |

Pin Allocation List

(Harness)

Connector: 211121 J019
Item: CVVUCR

Function / Bundle: SIH-XH-03

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | |
| 054 | HIFI MX6-V . B | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHFPU | 73 | 111100 P023 | 002 | 3H 1H |
| 055 | HIFI MX6-V . VM | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHFPU | 73 | 111100 P023 | 003 | 3H 1H |
| 064 | HIFI MX6-V . IM | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHFPU | 73 | 111100 P023 | 004 | 3H 1H |
| 065 | HIFI MX6-V . BRTN | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHFPU | 73 | 111100 P023 | 007 | 3H 1H |
| 066 | HIFI MX6-V . VMRTN | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHFPU | 73 | 111100 P023 | 008 | 3H 1H |
| 053 | HIFI MX6-V . SHD13 | | HMX.- | - | H013 | 051SS-38 | 13 | | CS-H013 | | HHFPU | 73 | 111100 P023 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 051 | HIFI MX7-V . B | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHFPU | 73 | 111100 P024 | 002 | 3H 1H |
| 052 | HIFI MX7-V . VM | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHFPU | 73 | 111100 P024 | 003 | 3H 1H |
| 061 | HIFI MX7-V . IM | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHFPU | 73 | 111100 P024 | 004 | 3H 1H |
| 062 | HIFI MX7-V . BRTN | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHFPU | 73 | 111100 P024 | 007 | 3H 1H |
| 063 | HIFI MX7-V . VMRTN | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHFPU | 73 | 111100 P024 | 008 | 3H 1H |
| 050 | HIFI MX7-V . SHD14 | | HMX.- | - | H014 | 051SS-38 | 14 | | CS-H014 | | HHFPU | 73 | 111100 P024 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 048 | HIFI FIF1 D -V . D1 | | H1D.- | - | H039 | 041BS-30 | 39 | | | | HHFPU | 73 | 111100 P046 | 003 | 3H 3H |
| 049 | HIFI FIF1 D -V . D2 | | H1D.- | - | H039 | 041BS-30 | 39 | | | | HHFPU | 73 | 111100 P046 | 006 | 3H 3H |
| 059 | HIFI FIF1 D -V . TST | | H1D.- | - | H039 | 041BS-30 | 39 | | | | HHFPU | 73 | 111100 P046 | 004 | 3H 3H |
| 060 | HIFI FIF1 D -V . DRTN | | H1D.- | - | H039 | 041BS-30 | 39 | | | | HHFPU | 73 | 111100 P046 | 009 | 3H 3H |
| 058 | HIFI FIF1 D -V . SHD39 | | H1D.- | - | H039 | 041BS-30 | 39 | | CS-H039 | | HHFPU | 73 | 111100 P046 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 025 | HIFI FIF1 G -V . G1 | | H1G.- | - | H040 | 031SS-38 | 40 | | | | HHFPU | 73 | 111100 P046 | 005 | 3H 3H |
| 036 | HIFI FIF1 G -V . G2 | | H1G.- | - | H040 | 031SS-38 | 40 | | | | HHFPU | 73 | 111100 P046 | 008 | 3H 3H |
| 035 | HIFI FIF1 G -V . GRN | | H1G.- | - | H040 | 031SS-38 | 40 | | | | HHFPU | 73 | 111100 P046 | 002 | 3H 3H |
| 016 | HIFI FIF1 G -V . SHD40 | | H1G.- | - | H040 | 031SS-38 | 40 | | CS-H040 | | HHFPU | 73 | 111100 P046 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 034 | HIFI FIF2 D -V . D1 | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | HHFPU | 73 | 111100 P047 | 003 | 3H 3H |
| 045 | HIFI FIF2 D -V . D2 | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | HHFPU | 73 | 111100 P047 | 006 | 3H 3H |
| 044 | HIFI FIF2 D -V . DRTN | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | HHFPU | 73 | 111100 P047 | 009 | 3H 3H |
| 033 | HIFI FIF2 D -V . SHD41 | | H1D.1 | - | H041 | 031BS-30 | 41 | | CS-H041 | | HHFPU | 73 | 111100 P047 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 042 | HIFI FIF2 G -V . G1 | | H1G.- | - | H042 | 031SS-38 | 42 | | | | HHFPU | 73 | 111100 P047 | 005 | 3H 3H |
| 043 | HIFI FIF2 G -V . G2 | | H1G.- | - | H042 | 031SS-38 | 42 | | | | HHFPU | 73 | 111100 P047 | 008 | 3H 3H |
| 032 | HIFI FIF2 G -V . GRN | | H1G.- | - | H042 | 031SS-38 | 42 | | | | HHFPU | 73 | 111100 P047 | 002 | 3H 3H |

Pin Allocation List

(Harness)

Connector: 211121 J019
Item: CVVUCR

Function / Bundle: SIH-XH-03

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 031 | HIFI FIF2 G -V . SHD42 | | H1G.- | - | H042 | 031SS-38 | 42 | | | CS-H042 | HHFPU | 73 | 111100 P047 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 030 | HIFI FIF3 D -V . D1 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | HHFPU | 73 | 111100 P048 | 003 | 3H 1H |
| 041 | HIFI FIF3 D -V . D2 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | HHFPU | 73 | 111100 P048 | 006 | 3H 1H |
| 040 | HIFI FIF3 D -V . DRTN | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | HHFPU | 73 | 111100 P048 | 009 | 3H 1H |
| 029 | HIFI FIF3 D -V . SHD43 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | CS-H043 | HHFPU | 73 | 111100 P048 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 028 | HIFI FIF3 G -V . G1 | | H1G.- | - | H044 | 031SS-38 | 44 | | | | HHFPU | 73 | 111100 P048 | 005 | 3H 1H |
| 039 | HIFI FIF3 G -V . G2 | | H1G.- | - | H044 | 031SS-38 | 44 | | | | HHFPU | 73 | 111100 P048 | 008 | 3H 1H |
| 038 | HIFI FIF3 G -V . GRTN | | H1G.- | - | H044 | 031SS-38 | 44 | | | | HHFPU | 73 | 111100 P048 | 002 | 3H 1H |
| 027 | HIFI FIF3 G -V . SHD44 | | H1G.- | - | H044 | 031SS-38 | 44 | | | CS-H044 | HHFPU | 73 | 111100 P048 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI FIF4 D -V . D1 | | H1D.- | - | H045 | 041BS-30 | 45 | | | | HHFPU | 73 | 111100 P049 | 003 | 3H 3H |
| 015 | HIFI FIF4 D -V . D2 | | H1D.- | - | H045 | 041BS-30 | 45 | | | | HHFPU | 73 | 111100 P049 | 006 | 3H 3H |
| 023 | HIFI FIF4 D -V . TST | | H1D.- | - | H045 | 041BS-30 | 45 | | | | HHFPU | 73 | 111100 P049 | 004 | 3H 3H |
| 024 | HIFI FIF4 D -V . DRTN | | H1D.- | - | H045 | 041BS-30 | 45 | | | | HHFPU | 73 | 111100 P049 | 009 | 3H 3H |
| 022 | HIFI FIF4 D -V . SHD45 | | H1D.- | - | H045 | 041BS-30 | 45 | | | CS-H045 | HHFPU | 73 | 111100 P049 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI FIF4 G -V . G1 | | H1G.- | - | H046 | 031SS-38 | 46 | | | | HHFPU | 73 | 111100 P049 | 005 | 3H 3H |
| 013 | HIFI FIF4 G -V . G2 | | H1G.- | - | H046 | 031SS-38 | 46 | | | | HHFPU | 73 | 111100 P049 | 008 | 3H 3H |
| 021 | HIFI FIF4 G -V . GRTN | | H1G.- | - | H046 | 031SS-38 | 46 | | | | HHFPU | 73 | 111100 P049 | 002 | 3H 3H |
| 020 | HIFI FIF4 G -V . SHD46 | | H1G.- | - | H046 | 031SS-38 | 46 | | | CS-H046 | HHFPU | 73 | 111100 P049 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 017 | HIFI FIF5 D -V . D1 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | HHFPU | 73 | 111100 P050 | 003 | 3H 3H |
| 037 | HIFI FIF5 D -V . D2 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | HHFPU | 73 | 111100 P050 | 006 | 3H 3H |
| 026 | HIFI FIF5 D -V . DRTN | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | HHFPU | 73 | 111100 P050 | 009 | 3H 3H |
| 009 | HIFI FIF5 D -V . SHD47 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | CS-H047 | HHFPU | 73 | 111100 P050 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI FIF5 G -V . G1 | | H1G.- | - | H048 | 031SS-38 | 48 | | | | HHFPU | 73 | 111100 P050 | 005 | 3H 3H |
| 019 | HIFI FIF5 G -V . G2 | | H1G.- | - | H048 | 031SS-38 | 48 | | | | HHFPU | 73 | 111100 P050 | 008 | 3H 3H |
| 011 | HIFI FIF5 G -V . GRTN | | H1G.- | - | H048 | 031SS-38 | 48 | | | | HHFPU | 73 | 111100 P050 | 002 | 3H 3H |
| 018 | HIFI FIF5 G -V . SHD48 | | H1G.- | - | H048 | 031SS-38 | 48 | | | CS-H048 | HHFPU | 73 | 111100 P050 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 001 | HIFI FIF6 D -V . D1 | | H1D.1 | - | H049 | 031BS-30 | 49 | | | | HHFPU | 73 | 111100 P051 | 003 | 3H 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 211121 J019

Function / Bundle: SIH-XH-03

Conn.-Type: 197-011P22-35PN (Junct.)

Item: CVVUCR

Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 002 | HIFI FIF6 D -V . D2 | | H1D.1 - | | H049 | 031BS-30 | 49 | | | | HHFPU | 73 | 111100 P051 | 006 | 3H | 3H |
| 003 | HIFI FIF6 D -V . DRTN | | H1D.1 - | | H049 | 031BS-30 | 49 | | | | HHFPU | 73 | 111100 P051 | 009 | 3H | 3H |
| 008 | HIFI FIF6 D -V . SHD49 | | H1D.1 - | | H049 | 031BS-30 | 49 | | CS-H049 | | HHFPU | 73 | 111100 P051 | 007 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI FIF6 G -V . G1 | | H1G.- - | | H050 | 031SS-38 | 50 | | | | HHFPU | 73 | 111100 P051 | 005 | 3H | 3H |
| 005 | HIFI FIF6 G -V . G2 | | H1G.- - | | H050 | 031SS-38 | 50 | | | | HHFPU | 73 | 111100 P051 | 008 | 3H | 3H |
| 006 | HIFI FIF6 G -V . GRTN | | H1G.- - | | H050 | 031SS-38 | 50 | | | | HHFPU | 73 | 111100 P051 | 002 | 3H | 3H |
| 007 | HIFI FIF6 G -V . SHD50 | | H1G.- - | | H050 | 031SS-38 | 50 | | CS-H050 | | HHFPU | 73 | 111100 P051 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 056 | HIFI FIF7 D -V . D1 | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | HHFPU | 73 | 111100 P052 | 003 | 3H | 3H |
| 057 | HIFI FIF7 D -V . D2 | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | HHFPU | 73 | 111100 P052 | 006 | 3H | 3H |
| 046 | HIFI FIF7 D -V . DRTN | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | HHFPU | 73 | 111100 P052 | 009 | 3H | 3H |
| 047 | HIFI FIF7 D -V . SHD51 | | H1D.1 - | | H051 | 031BS-30 | 51 | | CS-H051 | | HHFPU | 73 | 111100 P052 | 007 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 077 | HIFI FIF7 G -V . G1 | | H1G.- - | | H052 | 031SS-38 | 52 | | | | HHFPU | 73 | 111100 P052 | 005 | 3H | 3H |
| 086 | HIFI FIF7 G -V . G2 | | H1G.- - | | H052 | 031SS-38 | 52 | | | | HHFPU | 73 | 111100 P052 | 008 | 3H | 3H |
| 094 | HIFI FIF7 G -V . GRTN | | H1G.- - | | H052 | 031SS-38 | 52 | | | | HHFPU | 73 | 111100 P052 | 002 | 3H | 3H |
| 067 | HIFI FIF7 G -V . SHD52 | | H1G.- - | | H052 | 031SS-38 | 52 | | CS-H052 | | HHFPU | 73 | 111100 P052 | 001 | 3H | 3H |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Connector: 111100 P032
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-04

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT1 -V . HT | HMH | HMH.- | - | H020 | 041BS-38 | 20 | | | | CVVUCR | 33 | 211121 J020 | 079 | 1H 3H |
| 001 | HIFI MGHT1 -V . HTRTN | HMH | HMH.- | - | H020 | 041BS-38 | 20 | | | | CVVUCR | 33 | 211121 J020 | 070 | 1H 3H |
| 007 | HIFI MGHT1 -V . MG | HMH | HMH.- | - | H020 | 041BS-38 | 20 | | | | CVVUCR | 33 | 211121 J020 | 080 | 1H 3H |
| 002 | HIFI MGHT1 -V . MGRTN | HMH | HMH.- | - | H020 | 041BS-38 | 20 | | | | CVVUCR | 33 | 211121 J020 | 071 | 1H 3H |
| 003 | HIFI MGHT1 -V . SHD20 | | HMH.- | - | H020 | 041BS-38 | 20 | | | CS-H020 | CVVUCR | 33 | 211121 J020 | 069 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

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Connector: 111100 P033
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-04

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT2 -V . HT | HMH | HMH.- | - | H021 | 041BS-38 | 21 | | | | CVVUCR | 33 | 211121 J020 | 097 | 1H 3H |
| 001 | HIFI MGHT2 -V . HTRTN | HMH | HMH.- | - | H021 | 041BS-38 | 21 | | | | CVVUCR | 33 | 211121 J020 | 089 | 1H 3H |
| 007 | HIFI MGHT2 -V . MG | HMH | HMH.- | - | H021 | 041BS-38 | 21 | | | | CVVUCR | 33 | 211121 J020 | 098 | 1H 3H |
| 002 | HIFI MGHT2 -V . MGRTN | HMH | HMH.- | - | H021 | 041BS-38 | 21 | | | | CVVUCR | 33 | 211121 J020 | 090 | 1H 3H |
| 003 | HIFI MGHT2 -V . SHD21 | | HMH.- | - | H021 | 041BS-38 | 21 | | | CS-H021 | CVVUCR | 33 | 211121 J020 | 096 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Project: HERSCHEL

Pin Allocation List

(Harness)

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Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

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Connector: 111100 P034
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-04

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT3 -V . HT | HMH | HMH.- | - | H022 | 041BS-38 | 22 | | | | CVVUCR | 33 | 211121 J020 | 099 | 1H 3H |
| 001 | HIFI MGHT3 -V . HTRTN | HMH | HMH.- | - | H022 | 041BS-38 | 22 | | | | CVVUCR | 33 | 211121 J020 | 091 | 1H 3H |
| 007 | HIFI MGHT3 -V . MG | HMH | HMH.- | - | H022 | 041BS-38 | 22 | | | | CVVUCR | 33 | 211121 J020 | 100 | 1H 3H |
| 002 | HIFI MGHT3 -V . MGRTN | HMH | HMH.- | - | H022 | 041BS-38 | 22 | | | | CVVUCR | 33 | 211121 J020 | 092 | 1H 3H |
| 003 | HIFI MGHT3 -V . SHD22 | | HMH.- | - | H022 | 041BS-38 | 22 | | | CS-H022 | CVVUCR | 33 | 211121 J020 | 093 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

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Project: **HERSCHEL**

Pin Allocation List (Harness)

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Connector: 111100 P035
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-04

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT4 -V . HT | HMH | HMH.- | - | H023 | 041BS-38 | 23 | | | | CVVUCR | 33 | 211121 J020 | 081 | 1H 3H |
| 001 | HIFI MGHT4 -V . HTRTN | HMH | HMH.- | - | H023 | 041BS-38 | 23 | | | | CVVUCR | 33 | 211121 J020 | 072 | 1H 3H |
| 007 | HIFI MGHT4 -V . MG | HMH | HMH.- | - | H023 | 041BS-38 | 23 | | | | CVVUCR | 33 | 211121 J020 | 082 | 1H 3H |
| 002 | HIFI MGHT4 -V . MGRTN | HMH | HMH.- | - | H023 | 041BS-38 | 23 | | | | CVVUCR | 33 | 211121 J020 | 073 | 1H 3H |
| 003 | HIFI MGHT4 -V . SHD23 | | HMH.- | - | H023 | 041BS-38 | 23 | | | CS-H023 | CVVUCR | 33 | 211121 J020 | 083 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

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Project: **HERSCHEL**

Pin Allocation List (Harness)

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Connector: 111100 P036
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-04

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: 507 E 196 M 9

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 006 | HIFI MGHT5 -V . HT | HMH | HMH.- | - | H024 | 041BS-38 | 24 | | | | CVVUCR | 33 | 211121 J020 | 084 | 1H 3H |
| 001 | HIFI MGHT5 -V . HTRTN | HMH | HMH.- | - | H024 | 041BS-38 | 24 | | | | CVVUCR | 33 | 211121 J020 | 074 | 1H 3H |
| 007 | HIFI MGHT5 -V . MG | HMH | HMH.- | - | H024 | 041BS-38 | 24 | | | | CVVUCR | 33 | 211121 J020 | 085 | 1H 3H |
| 002 | HIFI MGHT5 -V . MGRTN | HMH | HMH.- | - | H024 | 041BS-38 | 24 | | | | CVVUCR | 33 | 211121 J020 | 075 | 1H 3H |
| 003 | HIFI MGHT5 -V . SHD24 | | HMH.- | - | H024 | 041BS-38 | 24 | | | CS-H024 | CVVUCR | 33 | 211121 J020 | 076 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

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Pin Allocation List

(Harness)

Connector: 111100 P056
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-04

Conn.-Type: MWDM2L-21S-6C3-.630
Backshell: BS-LS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 013 | HIFI SIF D1 -V . SIF1 | H2D | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | CVWUCR | 33 | 211121 J020 | 052 | 3H | 3H | |
| 003 | HIFI SIF D1 -V . SIF2 | H2D | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | CVWUCR | 33 | 211121 J020 | 063 | 3H | 3H | |
| 014 | HIFI SIF D1 -V . SIF3 | H2D | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | CVWUCR | 33 | 211121 J020 | 051 | 3H | 3H | |
| 002 | HIFI SIF D1 -V . TST | H2D | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | CVWUCR | 33 | 211121 J020 | 066 | 3H | 3H | |
| 012 | HIFI SIF D1 -V . RTN1 | H2D | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | CVWUCR | 33 | 211121 J020 | 061 | 3H | 3H | |
| 001 | HIFI SIF D1 -V . SHD91 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | CS-059-1 | CVWUCR | 33 | 211121 J020 | 050 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF D1 -V . SIF4 | H2D | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | CVWUCR | 33 | 211121 J020 | 062 | 3H | 3H | |
| 015 | HIFI SIF D1 -V . SIF5 | H2D | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | CVWUCR | 33 | 211121 J020 | 054 | 3H | 3H | |
| 005 | HIFI SIF D1 -V . SIF6 | H2D | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | CVWUCR | 33 | 211121 J020 | 065 | 3H | 3H | |
| 016 | HIFI SIF D1 -V . SIF7 | H2D | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | CVWUCR | 33 | 211121 J020 | 055 | 3H | 3H | |
| 006 | HIFI SIF D1 -V . RTN | H2D | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | CVWUCR | 33 | 211121 J020 | 064 | 3H | 3H | |
| 017 | HIFI SIF D1 -V . SHD92 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | CS-059-2 | CVWUCR | 33 | 211121 J020 | 053 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 009 | HIFI SIF G1 -V . GA | H2G | H2G.- | - | H060 | 041SS-38 | 60 | | | CVWUCR | 33 | 211121 J020 | 059 | 3H | 3H | |
| 019 | HIFI SIF G1 -V . ARTN | H2G | H2G.- | - | H060 | 041SS-38 | 60 | | | CVWUCR | 33 | 211121 J020 | 048 | 3H | 3H | |
| 010 | HIFI SIF G1 -V . GB | H2G | H2G.- | - | H060 | 041SS-38 | 60 | | | CVWUCR | 33 | 211121 J020 | 060 | 3H | 3H | |
| 020 | HIFI SIF G1 -V . BRTN | H2G | H2G.- | - | H060 | 041SS-38 | 60 | | | CVWUCR | 33 | 211121 J020 | 049 | 3H | 3H | |
| 021 | HIFI SIF G1 -V . SHD60 | | H2G.- | - | H060 | 041SS-38 | 60 | | CS-H060 | CVWUCR | 33 | 211121 J020 | 047 | 3H | 3H | |
| - | | | | | | | | | | | | | | | 3H | |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;007 ;008 ;011 ;018 | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Connector: 111100 P057
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-04

Conn.-Type: MWDM2L-21S-6C3-.630
Backshell: BS-LS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 013 | HIFI SIF D2 -V . SIF1 | H2D | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | CVWUCR | 33 | 211121 J020 | 030 | 3H | 3H | |
| 003 | HIFI SIF D2 -V . SIF2 | H2D | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | CVWUCR | 33 | 211121 J020 | 041 | 3H | 3H | |
| 014 | HIFI SIF D2 -V . SIF3 | H2D | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | CVWUCR | 33 | 211121 J020 | 042 | 3H | 3H | |
| 002 | HIFI SIF D2 -V . TST | H2D | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | CVWUCR | 33 | 211121 J020 | 045 | 3H | 3H | |
| 012 | HIFI SIF D2 -V . RTN1 | H2D | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | CVWUCR | 33 | 211121 J020 | 040 | 3H | 3H | |
| 001 | HIFI SIF D2 -V . SHD11 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | CS-061-1 | CVWUCR | 33 | 211121 J020 | 029 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF D2 -V . SIF4 | H2D | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | CVWUCR | 33 | 211121 J020 | 031 | 3H | 3H | |
| 015 | HIFI SIF D2 -V . SIF5 | H2D | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | CVWUCR | 33 | 211121 J020 | 033 | 3H | 3H | |
| 005 | HIFI SIF D2 -V . SIF6 | H2D | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | CVWUCR | 33 | 211121 J020 | 044 | 3H | 3H | |
| 016 | HIFI SIF D2 -V . SIF7 | H2D | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | CVWUCR | 33 | 211121 J020 | 034 | 3H | 3H | |
| 006 | HIFI SIF D2 -V . RTN | H2D | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | CVWUCR | 33 | 211121 J020 | 043 | 3H | 3H | |
| 017 | HIFI SIF D2 -V . SHD12 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | CS-061-2 | CVWUCR | 33 | 211121 J020 | 032 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 009 | HIFI SIF G2 -V . GA | H2G | H2G.- | - | H062 | 041SS-38 | 62 | | | CVWUCR | 33 | 211121 J020 | 038 | 3H | 3H | |
| 019 | HIFI SIF G2 -V . ARTN | H2G | H2G.- | - | H062 | 041SS-38 | 62 | | | CVWUCR | 33 | 211121 J020 | 027 | 3H | 3H | |
| 010 | HIFI SIF G2 -V . GB | H2G | H2G.- | - | H062 | 041SS-38 | 62 | | | CVWUCR | 33 | 211121 J020 | 039 | 3H | 3H | |
| 020 | HIFI SIF G2 -V . BRTN | H2G | H2G.- | - | H062 | 041SS-38 | 62 | | | CVWUCR | 33 | 211121 J020 | 028 | 3H | 3H | |
| 021 | HIFI SIF G2 -V . SHD62 | | H2G.- | - | H062 | 041SS-38 | 62 | | CS-H062 | CVWUCR | 33 | 211121 J020 | 037 | 3H | 3H | |
| - | | | | | | | | | | | | | | | 3H | |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;007 ;008 ;011 ;018 | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Connector: 111100 P058**Function / Bundle:** HIFI FPU SIH-XH-04**Conn.-Type:** MWDM2L-21S-6C3-.630**Item:** HHFPU**Backshell:** BS-LS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|-------------|-----------|-----|---------|--|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 013 | HIFI SIF D3 -V . SIF1 | H2D | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | CVWUCR | 33 | 211121 J020 | 012 | 3H | 3H | |
| 003 | HIFI SIF D3 -V . SIF2 | H2D | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | CVWUCR | 33 | 211121 J020 | 021 | 3H | 3H | |
| 014 | HIFI SIF D3 -V . SIF3 | H2D | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | CVWUCR | 33 | 211121 J020 | 011 | 3H | 3H | |
| 002 | HIFI SIF D3 -V . TST | H2D | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | CVWUCR | 33 | 211121 J020 | 023 | 3H | 3H | |
| 012 | HIFI SIF D3 -V . RTN1 | H2D | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | CVWUCR | 33 | 211121 J020 | 019 | 3H | 3H | |
| 001 | HIFI SIF D3 -V . SHD31 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | CS-063-1 | CVWUCR | 33 | 211121 J020 | 010 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF D3 -V . SIF4 | H2D | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | CVWUCR | 33 | 211121 J020 | 020 | 3H | 3H | |
| 015 | HIFI SIF D3 -V . SIF5 | H2D | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | CVWUCR | 33 | 211121 J020 | 015 | 3H | 3H | |
| 005 | HIFI SIF D3 -V . SIF6 | H2D | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | CVWUCR | 33 | 211121 J020 | 024 | 3H | 3H | |
| 016 | HIFI SIF D3 -V . SIF7 | H2D | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | CVWUCR | 33 | 211121 J020 | 014 | 3H | 3H | |
| 006 | HIFI SIF D3 -V . RTN2 | H2D | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | CVWUCR | 33 | 211121 J020 | 022 | 3H | 3H | |
| 017 | HIFI SIF D3 -V . SHD32 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | CS-063-2 | CVWUCR | 33 | 211121 J020 | 013 | 3H | 3H | |
| - | | | | | | | | | | | | | | | | |
| 009 | HIFI SIF G3 -V . GA | H2G | H2G.- | - | H064 | 041SS-38 | 64 | | | CVWUCR | 33 | 211121 J020 | 004 | 3H | 3H | |
| 019 | HIFI SIF G3 -V . ARTN | H2G | H2G.- | - | H064 | 041SS-38 | 64 | | | CVWUCR | 33 | 211121 J020 | 005 | 3H | 3H | |
| 010 | HIFI SIF G3 -V . GB | H2G | H2G.- | - | H064 | 041SS-38 | 64 | | | CVWUCR | 33 | 211121 J020 | 007 | 3H | 3H | |
| 020 | HIFI SIF G3 -V . BRTN | H2G | H2G.- | - | H064 | 041SS-38 | 64 | | | CVWUCR | 33 | 211121 J020 | 006 | 3H | 3H | |
| 021 | HIFI SIF G3 -V . SHD64 | | H2G.- | - | H064 | 041SS-38 | 64 | | CS-H064 | CVWUCR | 33 | 211121 J020 | 003 | 3H | 3H | |
| - | | | | | | | | | | | | | | | 3H | |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;007 ;008 ;011 ;018 | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Connector: 211121 J020
Item: CVVUCR

Function / Bundle: SIH-XH-04

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 079 | HIFI MGHT1 -V . HT | | HMH.- | - | H020 | 041BS-38 | 20 | | | | HHFPU | 73 | 111100 P032 | 006 | 3H | 1H |
| 070 | HIFI MGHT1 -V . HTRTN | | HMH.- | - | H020 | 041BS-38 | 20 | | | | HHFPU | 73 | 111100 P032 | 001 | 3H | 1H |
| 080 | HIFI MGHT1 -V . MG | | HMH.- | - | H020 | 041BS-38 | 20 | | | | HHFPU | 73 | 111100 P032 | 007 | 3H | 1H |
| 071 | HIFI MGHT1 -V . MGRTN | | HMH.- | - | H020 | 041BS-38 | 20 | | | | HHFPU | 73 | 111100 P032 | 002 | 3H | 1H |
| 069 | HIFI MGHT1 -V . SHD20 | | HMH.- | - | H020 | 041BS-38 | 20 | | | CS-H020 | HHFPU | 73 | 111100 P032 | 003 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 097 | HIFI MGHT2 -V . HT | | HMH.- | - | H021 | 041BS-38 | 21 | | | | HHFPU | 73 | 111100 P033 | 006 | 3H | 1H |
| 089 | HIFI MGHT2 -V . HTRTN | | HMH.- | - | H021 | 041BS-38 | 21 | | | | HHFPU | 73 | 111100 P033 | 001 | 3H | 1H |
| 098 | HIFI MGHT2 -V . MG | | HMH.- | - | H021 | 041BS-38 | 21 | | | | HHFPU | 73 | 111100 P033 | 007 | 3H | 1H |
| 090 | HIFI MGHT2 -V . MGRTN | | HMH.- | - | H021 | 041BS-38 | 21 | | | | HHFPU | 73 | 111100 P033 | 002 | 3H | 1H |
| 096 | HIFI MGHT2 -V . SHD21 | | HMH.- | - | H021 | 041BS-38 | 21 | | | CS-H021 | HHFPU | 73 | 111100 P033 | 003 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 099 | HIFI MGHT3 -V . HT | | HMH.- | - | H022 | 041BS-38 | 22 | | | | HHFPU | 73 | 111100 P034 | 006 | 3H | 1H |
| 091 | HIFI MGHT3 -V . HTRTN | | HMH.- | - | H022 | 041BS-38 | 22 | | | | HHFPU | 73 | 111100 P034 | 001 | 3H | 1H |
| 100 | HIFI MGHT3 -V . MG | | HMH.- | - | H022 | 041BS-38 | 22 | | | | HHFPU | 73 | 111100 P034 | 007 | 3H | 1H |
| 092 | HIFI MGHT3 -V . MGRTN | | HMH.- | - | H022 | 041BS-38 | 22 | | | | HHFPU | 73 | 111100 P034 | 002 | 3H | 1H |
| 093 | HIFI MGHT3 -V . SHD22 | | HMH.- | - | H022 | 041BS-38 | 22 | | | CS-H022 | HHFPU | 73 | 111100 P034 | 003 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MGHT4 -V . HT | | HMH.- | - | H023 | 041BS-38 | 23 | | | | HHFPU | 73 | 111100 P035 | 006 | 3H | 1H |
| 072 | HIFI MGHT4 -V . HTRTN | | HMH.- | - | H023 | 041BS-38 | 23 | | | | HHFPU | 73 | 111100 P035 | 001 | 3H | 1H |
| 082 | HIFI MGHT4 -V . MG | | HMH.- | - | H023 | 041BS-38 | 23 | | | | HHFPU | 73 | 111100 P035 | 007 | 3H | 1H |
| 073 | HIFI MGHT4 -V . MGRTN | | HMH.- | - | H023 | 041BS-38 | 23 | | | | HHFPU | 73 | 111100 P035 | 002 | 3H | 1H |
| 083 | HIFI MGHT4 -V . SHD23 | | HMH.- | - | H023 | 041BS-38 | 23 | | | CS-H023 | HHFPU | 73 | 111100 P035 | 003 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 084 | HIFI MGHT5 -V . HT | | HMH.- | - | H024 | 041BS-38 | 24 | | | | HHFPU | 73 | 111100 P036 | 006 | 3H | 1H |
| 074 | HIFI MGHT5 -V . HTRTN | | HMH.- | - | H024 | 041BS-38 | 24 | | | | HHFPU | 73 | 111100 P036 | 001 | 3H | 1H |
| 085 | HIFI MGHT5 -V . MG | | HMH.- | - | H024 | 041BS-38 | 24 | | | | HHFPU | 73 | 111100 P036 | 007 | 3H | 1H |
| 075 | HIFI MGHT5 -V . MGRTN | | HMH.- | - | H024 | 041BS-38 | 24 | | | | HHFPU | 73 | 111100 P036 | 002 | 3H | 1H |
| 076 | HIFI MGHT5 -V . SHD24 | | HMH.- | - | H024 | 041BS-38 | 24 | | | CS-H024 | HHFPU | 73 | 111100 P036 | 003 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 052 | HIFI SIF D1 -V . SIF1 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHFPU | 73 | 111100 P056 | 013 | 3H | 3H |
| 063 | HIFI SIF D1 -V . SIF2 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHFPU | 73 | 111100 P056 | 003 | 3H | 3H |
| 051 | HIFI SIF D1 -V . SIF3 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHFPU | 73 | 111100 P056 | 014 | 3H | 3H |
| 062 | HIFI SIF D1 -V . SIF4 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHFPU | 73 | 111100 P056 | 004 | 3H | 3H |

Pin Allocation List

(Harness)

Connector: 211121 J020
Item: CVVUCR

Function / Bundle: SIH-XH-04

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 061 | HIFI SIF D1 -V . RTN1 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHFPU | 73 | 111100 P056 | 012 | 3H | 3H |
| 050 | HIFI SIF D1 -V . SHD91 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | CS-059-1 | | HHFPU | 73 | 111100 P056 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI SIF D1 -V . SIF5 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHFPU | 73 | 111100 P056 | 015 | 3H | 3H |
| 065 | HIFI SIF D1 -V . SIF6 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHFPU | 73 | 111100 P056 | 005 | 3H | 3H |
| 055 | HIFI SIF D1 -V . SIF7 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHFPU | 73 | 111100 P056 | 016 | 3H | 3H |
| 066 | HIFI SIF D1 -V . TST | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHFPU | 73 | 111100 P056 | 002 | 3H | 3H |
| 064 | HIFI SIF D1 -V . RTN | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHFPU | 73 | 111100 P056 | 006 | 3H | 3H |
| 053 | HIFI SIF D1 -V . SHD92 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | CS-059-2 | | HHFPU | 73 | 111100 P056 | 017 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 059 | HIFI SIF G1 -V . GA | | H2G.- | - | H060 | 041SS-38 | 60 | | | | HHFPU | 73 | 111100 P056 | 009 | 3H | 3H |
| 048 | HIFI SIF G1 -V . ARTN | | H2G.- | - | H060 | 041SS-38 | 60 | | | | HHFPU | 73 | 111100 P056 | 019 | 3H | 3H |
| 060 | HIFI SIF G1 -V . GB | | H2G.- | - | H060 | 041SS-38 | 60 | | | | HHFPU | 73 | 111100 P056 | 010 | 3H | 3H |
| 049 | HIFI SIF G1 -V . BRTN | | H2G.- | - | H060 | 041SS-38 | 60 | | | | HHFPU | 73 | 111100 P056 | 020 | 3H | 3H |
| 047 | HIFI SIF G1 -V . SHD60 | | H2G.- | - | H060 | 041SS-38 | 60 | | CS-H060 | | HHFPU | 73 | 111100 P056 | 021 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI SIF D2 -V . SIF1 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHFPU | 73 | 111100 P057 | 013 | 3H | 3H |
| 041 | HIFI SIF D2 -V . SIF2 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHFPU | 73 | 111100 P057 | 003 | 3H | 3H |
| 042 | HIFI SIF D2 -V . SIF3 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHFPU | 73 | 111100 P057 | 014 | 3H | 3H |
| 031 | HIFI SIF D2 -V . SIF4 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHFPU | 73 | 111100 P057 | 004 | 3H | 3H |
| 040 | HIFI SIF D2 -V . RTN1 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHFPU | 73 | 111100 P057 | 012 | 3H | 3H |
| 029 | HIFI SIF D2 -V . SHD11 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | CS-061-1 | | HHFPU | 73 | 111100 P057 | 001 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 033 | HIFI SIF D2 -V . SIF5 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHFPU | 73 | 111100 P057 | 015 | 3H | 3H |
| 044 | HIFI SIF D2 -V . SIF6 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHFPU | 73 | 111100 P057 | 005 | 3H | 3H |
| 034 | HIFI SIF D2 -V . SIF7 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHFPU | 73 | 111100 P057 | 016 | 3H | 3H |
| 045 | HIFI SIF D2 -V . TST | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHFPU | 73 | 111100 P057 | 002 | 3H | 3H |
| 043 | HIFI SIF D2 -V . RTN | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHFPU | 73 | 111100 P057 | 006 | 3H | 3H |
| 032 | HIFI SIF D2 -V . SHD12 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | CS-061-2 | | HHFPU | 73 | 111100 P057 | 017 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 038 | HIFI SIF G2 -V . GA | | H2G.- | - | H062 | 041SS-38 | 62 | | | | HHFPU | 73 | 111100 P057 | 009 | 3H | 3H |
| 027 | HIFI SIF G2 -V . ARTN | | H2G.- | - | H062 | 041SS-38 | 62 | | | | HHFPU | 73 | 111100 P057 | 019 | 3H | 3H |
| 039 | HIFI SIF G2 -V . GB | | H2G.- | - | H062 | 041SS-38 | 62 | | | | HHFPU | 73 | 111100 P057 | 010 | 3H | 3H |
| 028 | HIFI SIF G2 -V . BRTN | | H2G.- | - | H062 | 041SS-38 | 62 | | | | HHFPU | 73 | 111100 P057 | 020 | 3H | 3H |

Pin Allocation List (Harness)

Connector: 211121 J020
Item: CVVUCR

Function / Bundle: SIH-XH-04

Conn.-Type: 197-011P22-35PN (Junct.)
Backshell: 100/172_173_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-------------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 037 | HIFI SIF G2 -V . SHD62 | | H2G.- | - | H062 | 041SS-38 | 62 | | | CS-H062 | HHFPU | 73 | 111100 P057 | 021 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI SIF D3 -V . SIF1 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHFPU | 73 | 111100 P058 | 013 | 3H 3H |
| 021 | HIFI SIF D3 -V . SIF2 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHFPU | 73 | 111100 P058 | 003 | 3H 3H |
| 011 | HIFI SIF D3 -V . SIF3 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHFPU | 73 | 111100 P058 | 014 | 3H 3H |
| 020 | HIFI SIF D3 -V . SIF4 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHFPU | 73 | 111100 P058 | 004 | 3H 3H |
| 019 | HIFI SIF D3 -V . RTN1 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHFPU | 73 | 111100 P058 | 012 | 3H 3H |
| 010 | HIFI SIF D3 -V . SHD31 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | CS-063-1 | HHFPU | 73 | 111100 P058 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 015 | HIFI SIF D3 -V . SIF5 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHFPU | 73 | 111100 P058 | 015 | 3H 3H |
| 024 | HIFI SIF D3 -V . SIF6 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHFPU | 73 | 111100 P058 | 005 | 3H 3H |
| 014 | HIFI SIF D3 -V . SIF7 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHFPU | 73 | 111100 P058 | 016 | 3H 3H |
| 023 | HIFI SIF D3 -V . TST | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHFPU | 73 | 111100 P058 | 002 | 3H 3H |
| 022 | HIFI SIF D3 -V . RTN2 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHFPU | 73 | 111100 P058 | 006 | 3H 3H |
| 013 | HIFI SIF D3 -V . SHD32 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | CS-063-2 | HHFPU | 73 | 111100 P058 | 017 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI SIF G3 -V . GA | | H2G.- | - | H064 | 041SS-38 | 64 | | | | HHFPU | 73 | 111100 P058 | 009 | 3H 3H |
| 005 | HIFI SIF G3 -V . ARTN | | H2G.- | - | H064 | 041SS-38 | 64 | | | | HHFPU | 73 | 111100 P058 | 019 | 3H 3H |
| 007 | HIFI SIF G3 -V . GB | | H2G.- | - | H064 | 041SS-38 | 64 | | | | HHFPU | 73 | 111100 P058 | 010 | 3H 3H |
| 006 | HIFI SIF G3 -V . BRTN | | H2G.- | - | H064 | 041SS-38 | 64 | | | | HHFPU | 73 | 111100 P058 | 020 | 3H 3H |
| 003 | HIFI SIF G3 -V . SHD64 | | H2G.- | - | H064 | 041SS-38 | 64 | | | CS-H064 | HHFPU | 73 | 111100 P058 | 021 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 24 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | | | | | | | | | | ;001 ;002 ;008 ;009 ;016 ;017 | | | | | |
| - | | | | | | | | | | ;018 ;025 ;026 ;035 ;036 ;046 | | | | | |
| - | | | | | | | | | | ;056 ;057 ;058 ;067 ;068 ;077 | | | | | |
| - | | | | | | | | | | ;078 ;086 ;087 ;088 ;094 ;095 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Connector: 111100 P067
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-05

Conn.-Type: MWDM2L-21S-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI DP3-AC-H . SIG | HDP | HDP.- | - | H083 | 021BS-38 | 83 | | | | CVVUCR | 33 | 211121 J017 | 035 | 3H 3H |
| 012 | HIFI DP3-AC-H . RTN | HDP | HDP.- | - | H083 | 021BS-38 | 83 | | | | CVVUCR | 33 | 211121 J017 | 047 | 3H 3H |
| 001 | HIFI DP3-AC-H . SHD83 | | HDP.- | - | H083 | 021BS-38 | 83 | | CS-H083 | | CVVUCR | 33 | 211121 J017 | 046 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 003 | HIFI DP4-AC-H . SIG | HDP | HDP.- | - | H084 | 021BS-38 | 84 | | | | CVVUCR | 33 | 211121 J017 | 045 | 3H 3H |
| 014 | HIFI DP4-AC-H . RTN | HDP | HDP.- | - | H084 | 021BS-38 | 84 | | | | CVVUCR | 33 | 211121 J017 | 034 | 3H 3H |
| 013 | HIFI DP4-AC-H . SHD84 | | HDP.- | - | H084 | 021BS-38 | 84 | | CS-H084 | | CVVUCR | 33 | 211121 J017 | 033 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 015 | HIFI DP5-AC-H . SIG | HDP | HDP.- | - | H085 | 021BS-38 | 85 | | | | CVVUCR | 33 | 211121 J017 | 044 | 3H 3H |
| 005 | HIFI DP5-AC-H . RTN | HDP | HDP.- | - | H085 | 021BS-38 | 85 | | | | CVVUCR | 33 | 211121 J017 | 032 | 3H 3H |
| 004 | HIFI DP5-AC-H . SHD85 | | HDP.- | - | H085 | 021BS-38 | 85 | | CS-H085 | | CVVUCR | 33 | 211121 J017 | 043 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 006 | HIFI DP6-AC-H . SIG | HDP | HDP.- | - | H086 | 021BS-38 | 86 | | | | CVVUCR | 33 | 211121 J017 | 042 | 3H 3H |
| 017 | HIFI DP6-AC-H . RTN | HDP | HDP.- | - | H086 | 021BS-38 | 86 | | | | CVVUCR | 33 | 211121 J017 | 031 | 3H 3H |
| 016 | HIFI DP6-AC-H . SHD86 | | HDP.- | - | H086 | 021BS-38 | 86 | | CS-H086 | | CVVUCR | 33 | 211121 J017 | 030 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 018 | HIFI DP7-AC-H . SIG | HDP | HDP.- | - | H087 | 021BS-38 | 87 | | | | CVVUCR | 33 | 211121 J017 | 041 | 3H 3H |
| 008 | HIFI DP7-AC-H . RTN | HDP | HDP.- | - | H087 | 021BS-38 | 87 | | | | CVVUCR | 33 | 211121 J017 | 029 | 3H 3H |
| 007 | HIFI DP7-AC-H . SHD87 | | HDP.- | - | H087 | 021BS-38 | 87 | | CS-H087 | | CVVUCR | 33 | 211121 J017 | 040 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 6 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;009 ;010 ;011 ;019 ;020 ;021 | | | | | | |

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Pin Allocation List (Harness)

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Pin Allocation List (Harness)

Connector: 111100 P068
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-05

Conn.-Type: MWDM2L-21S-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------------------------------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 002 | HIFI DP3-AC-V . SIG | HDP | HDP.- | - | H088 | 021BS-38 | 88 | | | | CVVUCR | 33 | 211121 J017 | 014 | 3H | 3H |
| 012 | HIFI DP3-AC-V . RTN | HDP | HDP.- | - | H088 | 021BS-38 | 88 | | | | CVVUCR | 33 | 211121 J017 | 024 | 3H | 3H |
| 001 | HIFI DP3-AC-V . SHD88 | | HDP.- | - | H088 | 021BS-38 | 88 | | CS-H088 | | CVVUCR | 33 | 211121 J017 | 023 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 003 | HIFI DP4-AC-V . SIG | HDP | HDP.- | - | H089 | 021BS-38 | 89 | | | | CVVUCR | 33 | 211121 J017 | 022 | 3H | 3H |
| 014 | HIFI DP4-AC-V . RTN | HDP | HDP.- | - | H089 | 021BS-38 | 89 | | | | CVVUCR | 33 | 211121 J017 | 013 | 3H | 3H |
| 013 | HIFI DP4-AC-V . SHD89 | | HDP.- | - | H089 | 021BS-38 | 89 | | CS-H089 | | CVVUCR | 33 | 211121 J017 | 021 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI DP5-AC-V . SIG | HDP | HDP.- | - | H090 | 021BS-38 | 90 | | | | CVVUCR | 33 | 211121 J017 | 020 | 3H | 3H |
| 005 | HIFI DP5-AC-V . RTN | HDP | HDP.- | - | H090 | 021BS-38 | 90 | | | | CVVUCR | 33 | 211121 J017 | 012 | 3H | 3H |
| 004 | HIFI DP5-AC-V . SHD90 | | HDP.- | - | H090 | 021BS-38 | 90 | | CS-H090 | | CVVUCR | 33 | 211121 J017 | 011 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 006 | HIFI DP6-AC-V . SIG | HDP | HDP.- | - | H091 | 021BS-38 | 91 | | | | CVVUCR | 33 | 211121 J017 | 015 | 3H | 3H |
| 017 | HIFI DP6-AC-V . RTN | HDP | HDP.- | - | H091 | 021BS-38 | 91 | | | | CVVUCR | 33 | 211121 J017 | 010 | 3H | 3H |
| 016 | HIFI DP6-AC-V . SHD91 | | HDP.- | - | H091 | 021BS-38 | 91 | | CS-H091 | | CVVUCR | 33 | 211121 J017 | 018 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 018 | HIFI DP7-AC-V . SIG | HDP | HDP.- | - | H092 | 021BS-38 | 92 | | | | CVVUCR | 33 | 211121 J017 | 017 | 3H | 3H |
| 008 | HIFI DP7-AC-V . RTN | HDP | HDP.- | - | H092 | 021BS-38 | 92 | | | | CVVUCR | 33 | 211121 J017 | 009 | 3H | 3H |
| 007 | HIFI DP7-AC-V . SHD92 | | HDP.- | - | H092 | 021BS-38 | 92 | | CS-H092 | | CVVUCR | 33 | 211121 J017 | 028 | 3H | 3H |
| - | | | | | | | | | | | | | | | | 3H |
| - | 6 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;009 ;010 ;011 ;019 ;020 ;021 | | | | | | | |

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Pin Allocation List
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Project: **HERSCHEL**

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Connector: 111100 P069
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-05

Conn.-Type: MWDM2L-09P-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI CS-CR-TS-P . I | | HBC.- | - | H078 | 041SS-38 | 78 | | | | CVVUCR | 33 | 211121 J017 | 069 | 3H 3H |
| 007 | HIFI CS-CR-TS-P . IRTN | | HBC.- | - | H078 | 041SS-38 | 78 | | | | CVVUCR | 33 | 211121 J017 | 057 | 3H 3H |
| 006 | HIFI CS-CR-TS-P . V | | HBC.- | - | H078 | 041SS-38 | 78 | | | | CVVUCR | 33 | 211121 J017 | 070 | 3H 3H |
| 003 | HIFI CS-CR-TS-P . VRTN | | HBC.- | - | H078 | 041SS-38 | 78 | | | | CVVUCR | 33 | 211121 J017 | 058 | 3H 3H |
| 002 | HIFI CS-CR-TS-P . SHD78 | | HBC.- | - | H078 | 041SS-38 | 78 | | | CS-H078 | CVVUCR | 33 | 211121 J017 | 068 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | | | | | | | | | | ;004 ;005 ;008 ;009 | | | | | |

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Pin Allocation List (Harness)

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Connector: 111100 P059
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-05

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-SS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 003 | HIFI 2. IF Amp-TS-P . I | H2S | H2S.- | - | H065 | 041SS-38 | 65 | | | | CVWUCR | 33 | 211121 J017 | 111 | 3H | 3H |
| 007 | HIFI 2. IF Amp-TS-P . IRTN | H2S | H2S.- | - | H065 | 041SS-38 | 65 | | | | CVWUCR | 33 | 211121 J017 | 100 | 3H | 3H |
| 004 | HIFI 2. IF Amp-TS-P . V | H2S | H2S.- | - | H065 | 041SS-38 | 65 | | | | CVWUCR | 33 | 211121 J017 | 112 | 3H | 3H |
| 008 | HIFI 2. IF Amp-TS-P . VRTN | H2S | H2S.- | - | H065 | 041SS-38 | 65 | | | | CVWUCR | 33 | 211121 J017 | 101 | 3H | 3H |
| 002 | HIFI 2. IF Amp-TS-P . SHD65 | | H2S.- | - | H065 | 041SS-38 | 65 | | | CS-H065 | CVWUCR | 33 | 211121 J017 | 110 | 3H | 3H |
| - | | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | | ;001 ;005 ;006 ;009 | | | | | | |

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Pin Allocation List

(Harness)

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Pin Allocation List (Harness)

Connector: 111100 P061
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-05

Conn.-Type: MWDM2L-21P-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|--|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 001 | HIFI CP-AC-P . A | HCA | HCA.- | - | H067 | 041BS-38 | 67 | | | | CVWUCR | 33 | 211121 J017 | 127 | 3H | 3H |
| 012 | HIFI CP-AC-P . ARTN | HCA | HCA.- | - | H067 | 041BS-38 | 67 | | | | CVWUCR | 33 | 211121 J017 | 119 | 3H | 3H |
| 013 | HIFI CP-AC-P . B | HCA | HCA.- | - | H067 | 041BS-38 | 67 | | | | CVWUCR | 33 | 211121 J017 | 128 | 3H | 3H |
| 003 | HIFI CP-AC-P . BRTN | HCA | HCA.- | - | H067 | 041BS-38 | 67 | | | | CVWUCR | 33 | 211121 J017 | 120 | 3H | 3H |
| 002 | HIFI CP-AC-P . SHD67 | | HCA.- | - | H067 | 041BS-38 | 67 | | CS-H067 | | CVWUCR | 33 | 211121 J017 | 121 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI CP-LT-PY-P . SIG | HCP | HCP.- | - | H068 | 021BS-38 | 68 | | | | CVWUCR | 33 | 211121 J017 | 123 | 3H | 3H |
| 016 | HIFI CP-LT-PY-P . RTN | HCP | HCP.- | - | H068 | 021BS-38 | 68 | | | | CVWUCR | 33 | 211121 J017 | 116 | 3H | 3H |
| 005 | HIFI CP-LT-PY-P . SHD68 | | HCP.- | - | H068 | 021BS-38 | 68 | | CS-H068 | | CVWUCR | 33 | 211121 J017 | 124 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 007 | HIFI CP-LT-SY-P . A | HCS | HCS.- | - | H069 | 031SS-38 | 69 | | | | CVWUCR | 33 | 211121 J017 | 117 | 3H | 3H |
| 018 | HIFI CP-LT-SY-P . RTN | HCS | HCS.- | - | H069 | 031SS-38 | 69 | | | | CVWUCR | 33 | 211121 J017 | 118 | 3H | 3H |
| 008 | HIFI CP-LT-SY-P . B | HCS | HCS.- | - | H069 | 031SS-38 | 69 | | | | CVWUCR | 33 | 211121 J017 | 125 | 3H | 3H |
| 019 | HIFI CP-LT-SY-P . SHD69 | | HCS.- | - | H069 | 031SS-38 | 69 | | CS-H069 | | CVWUCR | 33 | 211121 J017 | 126 | 3H | 3H |
| - | | | | | | | | | | | | | | | | 3H |
| - | 9 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;004 ;006 ;009 ;010 ;011 ;014 ;017 ;020 ;021 | | | | | | | |

Astrium GmbH

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Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111100 P063
Item: HHFPU
Function / Bundle: HIFI FPU SIH-XH-05
Conn.-Type: MWDM2L-21P-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------|----------------|--------|------|--------|----------|-----|-------|-------------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI Therm. S02K P . I | HT2 | HT2.- | - | H073 | 041SS-38 | 73 | | | | CVWUCR | 33 | 211121 J017 | 091 | 3H 3H |
| 012 | HIFI Therm. S02K P . IRTN | HT2 | HT2.- | - | H073 | 041SS-38 | 73 | | | | CVWUCR | 33 | 211121 J017 | 080 | 3H 3H |
| 003 | HIFI Therm. S02K P . V | HT2 | HT2.- | - | H073 | 041SS-38 | 73 | | | | CVWUCR | 33 | 211121 J017 | 092 | 3H 3H |
| 013 | HIFI Therm. S02K P . VRTN | HT2 | HT2.- | - | H073 | 041SS-38 | 73 | | | | CVWUCR | 33 | 211121 J017 | 081 | 3H 3H |
| 001 | HIFI Therm. S02K P . SHD73 | | HT2.- | - | H073 | 041SS-38 | 73 | | CS-H073 | | CVWUCR | 33 | 211121 J017 | 093 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI Therm. S04K P . I | HT4 | HT4.- | - | H074 | 041SS-38 | 74 | | | | CVWUCR | 33 | 211121 J017 | 089 | 3H 3H |
| 015 | HIFI Therm. S04K P . IRTN | HT4 | HT4.- | - | H074 | 041SS-38 | 74 | | | | CVWUCR | 33 | 211121 J017 | 078 | 3H 3H |
| 005 | HIFI Therm. S04K P . V | HT4 | HT4.- | - | H074 | 041SS-38 | 74 | | | | CVWUCR | 33 | 211121 J017 | 090 | 3H 3H |
| 016 | HIFI Therm. S04K P . VRTN | HT4 | HT4.- | - | H074 | 041SS-38 | 74 | | | | CVWUCR | 33 | 211121 J017 | 079 | 3H 3H |
| 014 | HIFI Therm. S04K P . SHD74 | | HT4.- | - | H074 | 041SS-38 | 74 | | CS-H074 | | CVWUCR | 33 | 211121 J017 | 077 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 11 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;006 ;007 ;008 ;009 ;010 ;011 | | | | | | |
| - | - | | | | | | | | ;017 ;018 ;019 ;020 ;021 | | | | | | |

Astrium GmbH

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Pin Allocation List
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Project: **HERSCHEL**

Pin Allocation List

(Harness)

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Connector: 111100 P065
Item: HHFPU
Function / Bundle: HIFI FPU SIH-XH-05
Conn.-Type: MWDM2L-15P-6C3-.630
Backshell: BS-SS-17B-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|------------------------------------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 003 | HIFI CS-HR-TS-P . I | HBH | HBH.- | - | H079 | 041SS-38 | 79 | | | | CVWUCR | 33 | 211121 J017 | 066 | 3H | 3H |
| 011 | HIFI CS-HR-TS-P . IRTN | HBH | HBH.- | - | H079 | 041SS-38 | 79 | | | | CVWUCR | 33 | 211121 J017 | 055 | 3H | 3H |
| 004 | HIFI CS-HR-TS-P . V | HBH | HBH.- | - | H079 | 041SS-38 | 79 | | | | CVWUCR | 33 | 211121 J017 | 067 | 3H | 3H |
| 012 | HIFI CS-HR-TS-P . VRTN | HBH | HBH.- | - | H079 | 041SS-38 | 79 | | | | CVWUCR | 33 | 211121 J017 | 056 | 3H | 3H |
| 010 | HIFI CS-HR-TS-P . SHD79 | | HBH.- | - | H079 | 041SS-38 | 79 | | CS-H079 | | CVWUCR | 33 | 211121 J017 | 054 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 013 | HIFI CS-HT-P . SIG | HBT | HBT.- | - | H080 | 021BS-38 | 80 | | | | CVWUCR | 33 | 211121 J017 | 065 | 3H | 3H |
| 006 | HIFI CS-HT-P . RTN | HBT | HBT.- | - | H080 | 021BS-38 | 80 | | | | CVWUCR | 33 | 211121 J017 | 053 | 3H | 3H |
| 005 | HIFI CS-HT-P . SHD80 | | HBT.- | - | H080 | 021BS-38 | 80 | | CS-H080 | | CVWUCR | 33 | 211121 J017 | 064 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| - | 7 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;001 ;002 ;007 ;008 ;009 ;014 ;015 | | | | | | | |

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Pin Allocation List (Harness)

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Project: **HERSCHEL**

Pin Allocation List (Harness)

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Connector: 111100 P060
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-05

Conn.-Type: MWDM2L-09S-6C3-.630
Backshell: BS-LS-17A-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 003 | HIFI 2. IF Amp-TS-R . I | H2S | H2S.- | - | H066 | 041SS-38 | 66 | | | | CVWUCR | 33 | 211121 J017 | 113 | 3H 3H |
| 007 | HIFI 2. IF Amp-TS-R . IRTN | H2S | H2S.- | - | H066 | 041SS-38 | 66 | | | | CVWUCR | 33 | 211121 J017 | 103 | 3H 3H |
| 004 | HIFI 2. IF Amp-TS-R . V | H2S | H2S.- | - | H066 | 041SS-38 | 66 | | | | CVWUCR | 33 | 211121 J017 | 114 | 3H 3H |
| 008 | HIFI 2. IF Amp-TS-R . VRTN | H2S | H2S.- | - | H066 | 041SS-38 | 66 | | | | CVWUCR | 33 | 211121 J017 | 104 | 3H 3H |
| 002 | HIFI 2. IF Amp-TS-R . SHD66 | | H2S.- | - | H066 | 041SS-38 | 66 | | | CS-H066 | CVWUCR | 33 | 211121 J017 | 102 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;001 ;005 ;006 ;009 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List (Harness)

Connector: 111100 P062
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-05

Conn.-Type: MWDM2L-21P-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|--|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 001 | HIFI CP-AC-R . A | HCA | HCA.- | - | H070 | 041BS-38 | 70 | | | | CVWUCR | 33 | 211121 J017 | 108 | 3H | 3H |
| 012 | HIFI CP-AC-R . ARTN | HCA | HCA.- | - | H070 | 041BS-38 | 70 | | | | CVWUCR | 33 | 211121 J017 | 098 | 3H | 3H |
| 013 | HIFI CP-AC-R . B | HCA | HCA.- | - | H070 | 041BS-38 | 70 | | | | CVWUCR | 33 | 211121 J017 | 109 | 3H | 3H |
| 003 | HIFI CP-AC-R . BRTN | HCA | HCA.- | - | H070 | 041BS-38 | 70 | | | | CVWUCR | 33 | 211121 J017 | 099 | 3H | 3H |
| 002 | HIFI CP-AC-R . SHD70 | | HCA.- | - | H070 | 041BS-38 | 70 | | CS-H070 | | CVWUCR | 33 | 211121 J017 | 097 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI CP-LT-PY-R . SIG | HCP | HCP.- | - | H071 | 021BS-38 | 71 | | | | CVWUCR | 33 | 211121 J017 | 122 | 3H | 3H |
| 016 | HIFI CP-LT-PY-R . RTN | HCP | HCP.- | - | H071 | 021BS-38 | 71 | | | | CVWUCR | 33 | 211121 J017 | 115 | 3H | 3H |
| 005 | HIFI CP-LT-PY-R . SHD71 | | HCP.- | - | H071 | 021BS-38 | 71 | | CS-H071 | | CVWUCR | 33 | 211121 J017 | 105 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 007 | HIFI CP-LT-SY-R . A | HCS | HCS.- | - | H072 | 031SS-38 | 72 | | | | CVWUCR | 33 | 211121 J017 | 106 | 3H | 3H |
| 018 | HIFI CP-LT-SY-R . RTN | HCS | HCS.- | - | H072 | 031SS-38 | 72 | | | | CVWUCR | 33 | 211121 J017 | 096 | 3H | 3H |
| 008 | HIFI CP-LT-SY-R . B | HCS | HCS.- | - | H072 | 031SS-38 | 72 | | | | CVWUCR | 33 | 211121 J017 | 107 | 3H | 3H |
| 019 | HIFI CP-LT-SY-R . SHD72 | | HCS.- | - | H072 | 031SS-38 | 72 | | CS-H072 | | CVWUCR | 33 | 211121 J017 | 095 | 3H | 3H |
| - | | | | | | | | | | | | | | | | 3H |
| - | 9 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;004 ;006 ;009 ;010 ;011 ;014 ;017 ;020 ;021 | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111100 P064
Item: HHFPU
Function / Bundle: HIFI FPU SIH-XH-05
Conn.-Type: MWDM2L-21P-6C3-.630
Backshell: BS-SS-17C-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-------------------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI Therm. S02K R . I | HT2 | HT2.- | - | H076 | 041SS-38 | 76 | | | | CVWUCR | 33 | 211121 J017 | 084 | 3H 3H |
| 012 | HIFI Therm. S02K R . IRTN | HT2 | HT2.- | - | H076 | 041SS-38 | 76 | | | | CVWUCR | 33 | 211121 J017 | 073 | 3H 3H |
| 003 | HIFI Therm. S02K R . V | HT2 | HT2.- | - | H076 | 041SS-38 | 76 | | | | CVWUCR | 33 | 211121 J017 | 085 | 3H 3H |
| 013 | HIFI Therm. S02K R . VRTN | HT2 | HT2.- | - | H076 | 041SS-38 | 76 | | | | CVWUCR | 33 | 211121 J017 | 074 | 3H 3H |
| 001 | HIFI Therm. S02K R . SHD76 | | HT2.- | - | H076 | 041SS-38 | 76 | | | CS-H076 | CVWUCR | 33 | 211121 J017 | 072 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI Therm. S04K R . I | HT4 | HT4.- | - | H077 | 041SS-38 | 77 | | | | CVWUCR | 33 | 211121 J017 | 082 | 3H 3H |
| 015 | HIFI Therm. S04K R . IRTN | HT4 | HT4.- | - | H077 | 041SS-38 | 77 | | | | CVWUCR | 33 | 211121 J017 | 059 | 3H 3H |
| 005 | HIFI Therm. S04K R . V | HT4 | HT4.- | - | H077 | 041SS-38 | 77 | | | | CVWUCR | 33 | 211121 J017 | 083 | 3H 3H |
| 016 | HIFI Therm. S04K R . VRTN | HT4 | HT4.- | - | H077 | 041SS-38 | 77 | | | | CVWUCR | 33 | 211121 J017 | 071 | 3H 3H |
| 014 | HIFI Therm. S04K R . SHD77 | | HT4.- | - | H077 | 041SS-38 | 77 | | | CS-H077 | CVWUCR | 33 | 211121 J017 | 094 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 007 | HIFI Therm. S10K R . I | HT1 | HT1.- | - | H075 | 041SS-38 | 75 | | | | CVWUCR | 33 | 211121 J017 | 087 | 3H 3H |
| 017 | HIFI Therm. S10K R . IRTN | HT1 | HT1.- | - | H075 | 041SS-38 | 75 | | | | CVWUCR | 33 | 211121 J017 | 075 | 3H 3H |
| 008 | HIFI Therm. S10K R . V | HT1 | HT1.- | - | H075 | 041SS-38 | 75 | | | | CVWUCR | 33 | 211121 J017 | 088 | 3H 3H |
| 018 | HIFI Therm. S10K R . VRTN | HT1 | HT1.- | - | H075 | 041SS-38 | 75 | | | | CVWUCR | 33 | 211121 J017 | 076 | 3H 3H |
| 006 | HIFI Therm. S10K R . SHD75 | | HT1.- | - | H075 | 041SS-38 | 75 | | | CS-H075 | CVWUCR | 33 | 211121 J017 | 086 | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| - | 6 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;009 ;010 ;011 ;019 ;020 ;021 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 133 (of 474)

Connector: 111100 P066
Item: HHFPU

Function / Bundle: HIFI FPU SIH-XH-05

Conn.-Type: MWDM2L-15P-6C3-.630
Backshell: BS-SS-17B-01

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|------------------------------------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 003 | HIFI CS-HR-TS-R . I | HBH | HBH.- | - | H081 | 041SS-38 | 81 | | | | CVWUCR | 33 | 211121 J017 | 061 | 3H | 3H |
| 011 | HIFI CS-HR-TS-R . IRTN | HBH | HBH.- | - | H081 | 041SS-38 | 81 | | | | CVWUCR | 33 | 211121 J017 | 049 | 3H | 3H |
| 004 | HIFI CS-HR-TS-R . V | HBH | HBH.- | - | H081 | 041SS-38 | 81 | | | | CVWUCR | 33 | 211121 J017 | 062 | 3H | 3H |
| 012 | HIFI CS-HR-TS-R . VRTN | HBH | HBH.- | - | H081 | 041SS-38 | 81 | | | | CVWUCR | 33 | 211121 J017 | 050 | 3H | 3H |
| 010 | HIFI CS-HR-TS-R . SHD81 | | HBH.- | - | H081 | 041SS-38 | 81 | | CS-H081 | | CVWUCR | 33 | 211121 J017 | 060 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| 013 | HIFI CS-HT-R . SIG | HBT | HBT.- | - | H082 | 021BS-38 | 82 | | | | CVWUCR | 33 | 211121 J017 | 063 | 3H | 3H |
| 006 | HIFI CS-HT-R . RTN | HBT | HBT.- | - | H082 | 021BS-38 | 82 | | | | CVWUCR | 33 | 211121 J017 | 052 | 3H | 3H |
| 005 | HIFI CS-HT-R . SHD82 | | HBT.- | - | H082 | 021BS-38 | 82 | | CS-H082 | | CVWUCR | 33 | 211121 J017 | 051 | 3H | 3H |
| - | | | | | | | | | | | | | | | | |
| - | 7 pins are NC | | | | | | | | The following Pins are NC : | | | | | | | |
| - | - | | | | | | | | ;001 ;002 ;007 ;008 ;009 ;014 ;015 | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Connector: 211121 J017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-011P24-35PN (Junct.)
Backshell: 128/175_176_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 111 | HIFI 2. IF Amp-TS-P . I | | H2S.- | - | H065 | 041SS-38 | 65 | | | | HHFPU | 73 | 111100 P059 | 003 | 3H 3H |
| 100 | HIFI 2. IF Amp-TS-P . IRTN | | H2S.- | - | H065 | 041SS-38 | 65 | | | | HHFPU | 73 | 111100 P059 | 007 | 3H 3H |
| 112 | HIFI 2. IF Amp-TS-P . V | | H2S.- | - | H065 | 041SS-38 | 65 | | | | HHFPU | 73 | 111100 P059 | 004 | 3H 3H |
| 101 | HIFI 2. IF Amp-TS-P . VRTN | | H2S.- | - | H065 | 041SS-38 | 65 | | | | HHFPU | 73 | 111100 P059 | 008 | 3H 3H |
| 110 | HIFI 2. IF Amp-TS-P . SHD65 | | H2S.- | - | H065 | 041SS-38 | 65 | | | CS-H065 | HHFPU | 73 | 111100 P059 | 002 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 113 | HIFI 2. IF Amp-TS-R . I | | H2S.- | - | H066 | 041SS-38 | 66 | | | | HHFPU | 73 | 111100 P060 | 003 | 3H 3H |
| 103 | HIFI 2. IF Amp-TS-R . IRTN | | H2S.- | - | H066 | 041SS-38 | 66 | | | | HHFPU | 73 | 111100 P060 | 007 | 3H 3H |
| 114 | HIFI 2. IF Amp-TS-R . V | | H2S.- | - | H066 | 041SS-38 | 66 | | | | HHFPU | 73 | 111100 P060 | 004 | 3H 3H |
| 104 | HIFI 2. IF Amp-TS-R . VRTN | | H2S.- | - | H066 | 041SS-38 | 66 | | | | HHFPU | 73 | 111100 P060 | 008 | 3H 3H |
| 102 | HIFI 2. IF Amp-TS-R . SHD66 | | H2S.- | - | H066 | 041SS-38 | 66 | | | CS-H066 | HHFPU | 73 | 111100 P060 | 002 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 127 | HIFI CP-AC-P . A | | HCA.- | - | H067 | 041BS-38 | 67 | | | | HHFPU | 73 | 111100 P061 | 001 | 3H 3H |
| 119 | HIFI CP-AC-P . ARTN | | HCA.- | - | H067 | 041BS-38 | 67 | | | | HHFPU | 73 | 111100 P061 | 012 | 3H 3H |
| 128 | HIFI CP-AC-P . B | | HCA.- | - | H067 | 041BS-38 | 67 | | | | HHFPU | 73 | 111100 P061 | 013 | 3H 3H |
| 120 | HIFI CP-AC-P . BRTN | | HCA.- | - | H067 | 041BS-38 | 67 | | | | HHFPU | 73 | 111100 P061 | 003 | 3H 3H |
| 121 | HIFI CP-AC-P . SHD67 | | HCA.- | - | H067 | 041BS-38 | 67 | | | CS-H067 | HHFPU | 73 | 111100 P061 | 002 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 123 | HIFI CP-LT-PY-P . SIG | | HCP.- | - | H068 | 021BS-38 | 68 | | | | HHFPU | 73 | 111100 P061 | 015 | 3H 3H |
| 116 | HIFI CP-LT-PY-P . RTN | | HCP.- | - | H068 | 021BS-38 | 68 | | | | HHFPU | 73 | 111100 P061 | 016 | 3H 3H |
| 124 | HIFI CP-LT-PY-P . SHD68 | | HCP.- | - | H068 | 021BS-38 | 68 | | | CS-H068 | HHFPU | 73 | 111100 P061 | 005 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 117 | HIFI CP-LT-SY-P . A | | HCS.- | - | H069 | 031SS-38 | 69 | | | | HHFPU | 73 | 111100 P061 | 007 | 3H 3H |
| 118 | HIFI CP-LT-SY-P . RTN | | HCS.- | - | H069 | 031SS-38 | 69 | | | | HHFPU | 73 | 111100 P061 | 018 | 3H 3H |
| 125 | HIFI CP-LT-SY-P . B | | HCS.- | - | H069 | 031SS-38 | 69 | | | | HHFPU | 73 | 111100 P061 | 008 | 3H 3H |
| 126 | HIFI CP-LT-SY-P . SHD69 | | HCS.- | - | H069 | 031SS-38 | 69 | | | CS-H069 | HHFPU | 73 | 111100 P061 | 019 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 108 | HIFI CP-AC-R . A | | HCA.- | - | H070 | 041BS-38 | 70 | | | | HHFPU | 73 | 111100 P062 | 001 | 3H 3H |
| 098 | HIFI CP-AC-R . ARTN | | HCA.- | - | H070 | 041BS-38 | 70 | | | | HHFPU | 73 | 111100 P062 | 012 | 3H 3H |
| 109 | HIFI CP-AC-R . B | | HCA.- | - | H070 | 041BS-38 | 70 | | | | HHFPU | 73 | 111100 P062 | 013 | 3H 3H |
| 099 | HIFI CP-AC-R . BRTN | | HCA.- | - | H070 | 041BS-38 | 70 | | | | HHFPU | 73 | 111100 P062 | 003 | 3H 3H |
| 097 | HIFI CP-AC-R . SHD70 | | HCA.- | - | H070 | 041BS-38 | 70 | | | CS-H070 | HHFPU | 73 | 111100 P062 | 002 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 122 | HIFI CP-LT-PY-R . SIG | | HCP.- | - | H071 | 021BS-38 | 71 | | | | HHFPU | 73 | 111100 P062 | 015 | 3H 3H |

Pin Allocation List

(Harness)

Connector: 211121 J017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-011P24-35PN (Junct.)
Backshell: 128/175_176_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 115 | HIFI CP-LT-PY-R . RTN | | HCP.- | - | H071 | 021BS-38 | 71 | | | | HHFPU | 73 | 111100 P062 | 016 | 3H 3H |
| 105 | HIFI CP-LT-PY-R . SHD71 | | HCP.- | - | H071 | 021BS-38 | 71 | | CS-H071 | | HHFPU | 73 | 111100 P062 | 005 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 106 | HIFI CP-LT-SY-R . A | | HCS.- | - | H072 | 031SS-38 | 72 | | | | HHFPU | 73 | 111100 P062 | 007 | 3H 3H |
| 096 | HIFI CP-LT-SY-R . RTN | | HCS.- | - | H072 | 031SS-38 | 72 | | | | HHFPU | 73 | 111100 P062 | 018 | 3H 3H |
| 107 | HIFI CP-LT-SY-R . B | | HCS.- | - | H072 | 031SS-38 | 72 | | | | HHFPU | 73 | 111100 P062 | 008 | 3H 3H |
| 095 | HIFI CP-LT-SY-R . SHD72 | | HCS.- | - | H072 | 031SS-38 | 72 | | CS-H072 | | HHFPU | 73 | 111100 P062 | 019 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 091 | HIFI Therm. S02K P . I | | HT2.- | - | H073 | 041SS-38 | 73 | | | | HHFPU | 73 | 111100 P063 | 002 | 3H 3H |
| 080 | HIFI Therm. S02K P . IRTN | | HT2.- | - | H073 | 041SS-38 | 73 | | | | HHFPU | 73 | 111100 P063 | 012 | 3H 3H |
| 092 | HIFI Therm. S02K P . V | | HT2.- | - | H073 | 041SS-38 | 73 | | | | HHFPU | 73 | 111100 P063 | 003 | 3H 3H |
| 081 | HIFI Therm. S02K P . VRTN | | HT2.- | - | H073 | 041SS-38 | 73 | | | | HHFPU | 73 | 111100 P063 | 013 | 3H 3H |
| 093 | HIFI Therm. S02K P . SHD73 | | HT2.- | - | H073 | 041SS-38 | 73 | | CS-H073 | | HHFPU | 73 | 111100 P063 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 089 | HIFI Therm. S04K P . I | | HT4.- | - | H074 | 041SS-38 | 74 | | | | HHFPU | 73 | 111100 P063 | 004 | 3H 3H |
| 078 | HIFI Therm. S04K P . IRTN | | HT4.- | - | H074 | 041SS-38 | 74 | | | | HHFPU | 73 | 111100 P063 | 015 | 3H 3H |
| 090 | HIFI Therm. S04K P . V | | HT4.- | - | H074 | 041SS-38 | 74 | | | | HHFPU | 73 | 111100 P063 | 005 | 3H 3H |
| 079 | HIFI Therm. S04K P . VRTN | | HT4.- | - | H074 | 041SS-38 | 74 | | | | HHFPU | 73 | 111100 P063 | 016 | 3H 3H |
| 077 | HIFI Therm. S04K P . SHD74 | | HT4.- | - | H074 | 041SS-38 | 74 | | CS-H074 | | HHFPU | 73 | 111100 P063 | 014 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 087 | HIFI Therm. S10K R . I | | HT1.- | - | H075 | 041SS-38 | 75 | | | | HHFPU | 73 | 111100 P064 | 007 | 3H 3H |
| 075 | HIFI Therm. S10K R . IRTN | | HT1.- | - | H075 | 041SS-38 | 75 | | | | HHFPU | 73 | 111100 P064 | 017 | 3H 3H |
| 088 | HIFI Therm. S10K R . V | | HT1.- | - | H075 | 041SS-38 | 75 | | | | HHFPU | 73 | 111100 P064 | 008 | 3H 3H |
| 076 | HIFI Therm. S10K R . VRTN | | HT1.- | - | H075 | 041SS-38 | 75 | | | | HHFPU | 73 | 111100 P064 | 018 | 3H 3H |
| 086 | HIFI Therm. S10K R . SHD75 | | HT1.- | - | H075 | 041SS-38 | 75 | | CS-H075 | | HHFPU | 73 | 111100 P064 | 006 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 084 | HIFI Therm. S02K R . I | | HT2.- | - | H076 | 041SS-38 | 76 | | | | HHFPU | 73 | 111100 P064 | 002 | 3H 3H |
| 073 | HIFI Therm. S02K R . IRTN | | HT2.- | - | H076 | 041SS-38 | 76 | | | | HHFPU | 73 | 111100 P064 | 012 | 3H 3H |
| 085 | HIFI Therm. S02K R . V | | HT2.- | - | H076 | 041SS-38 | 76 | | | | HHFPU | 73 | 111100 P064 | 003 | 3H 3H |
| 074 | HIFI Therm. S02K R . VRTN | | HT2.- | - | H076 | 041SS-38 | 76 | | | | HHFPU | 73 | 111100 P064 | 013 | 3H 3H |
| 072 | HIFI Therm. S02K R . SHD76 | | HT2.- | - | H076 | 041SS-38 | 76 | | CS-H076 | | HHFPU | 73 | 111100 P064 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 082 | HIFI Therm. S04K R . I | | HT4.- | - | H077 | 041SS-38 | 77 | | | | HHFPU | 73 | 111100 P064 | 004 | 3H 3H |
| 059 | HIFI Therm. S04K R . IRTN | | HT4.- | - | H077 | 041SS-38 | 77 | | | | HHFPU | 73 | 111100 P064 | 015 | 3H 3H |

Pin Allocation List

(Harness)

Connector: 211121 J017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-011P24-35PN (Junct.)
Backshell: 128/175_176_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 083 | HIFI Therm. S04K R . V | | HT4.- | - | H077 | 041SS-38 | 77 | | | | HHFPU | 73 | 111100 P064 | 005 | 3H 3H |
| 071 | HIFI Therm. S04K R . VRTN | | HT4.- | - | H077 | 041SS-38 | 77 | | | | HHFPU | 73 | 111100 P064 | 016 | 3H 3H |
| 094 | HIFI Therm. S04K R . SHD77 | | HT4.- | - | H077 | 041SS-38 | 77 | | CS-H077 | | HHFPU | 73 | 111100 P064 | 014 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 069 | HIFI CS-CR-TS-P . I | | HBC.- | - | H078 | 041SS-38 | 78 | | | | HHFPU | 73 | 111100 P069 | 001 | 3H 3H |
| 057 | HIFI CS-CR-TS-P . IRTN | | HBC.- | - | H078 | 041SS-38 | 78 | | | | HHFPU | 73 | 111100 P069 | 007 | 3H 3H |
| 070 | HIFI CS-CR-TS-P . V | | HBC.- | - | H078 | 041SS-38 | 78 | | | | HHFPU | 73 | 111100 P069 | 006 | 3H 3H |
| 058 | HIFI CS-CR-TS-P . VRTN | | HBC.- | - | H078 | 041SS-38 | 78 | | | | HHFPU | 73 | 111100 P069 | 003 | 3H 3H |
| 068 | HIFI CS-CR-TS-P . SHD78 | | HBC.- | - | H078 | 041SS-38 | 78 | | CS-H078 | | HHFPU | 73 | 111100 P069 | 002 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 066 | HIFI CS-HR-TS-P . I | | HBH.- | - | H079 | 041SS-38 | 79 | | | | HHFPU | 73 | 111100 P065 | 003 | 3H 3H |
| 055 | HIFI CS-HR-TS-P . IRTN | | HBH.- | - | H079 | 041SS-38 | 79 | | | | HHFPU | 73 | 111100 P065 | 011 | 3H 3H |
| 067 | HIFI CS-HR-TS-P . V | | HBH.- | - | H079 | 041SS-38 | 79 | | | | HHFPU | 73 | 111100 P065 | 004 | 3H 3H |
| 056 | HIFI CS-HR-TS-P . VRTN | | HBH.- | - | H079 | 041SS-38 | 79 | | | | HHFPU | 73 | 111100 P065 | 012 | 3H 3H |
| 054 | HIFI CS-HR-TS-P . SHD79 | | HBH.- | - | H079 | 041SS-38 | 79 | | CS-H079 | | HHFPU | 73 | 111100 P065 | 010 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 065 | HIFI CS-HT-P . SIG | | HBT.- | - | H080 | 021BS-38 | 80 | | | | HHFPU | 73 | 111100 P065 | 013 | 3H 3H |
| 053 | HIFI CS-HT-P . RTN | | HBT.- | - | H080 | 021BS-38 | 80 | | | | HHFPU | 73 | 111100 P065 | 006 | 3H 3H |
| 064 | HIFI CS-HT-P . SHD80 | | HBT.- | - | H080 | 021BS-38 | 80 | | CS-H080 | | HHFPU | 73 | 111100 P065 | 005 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 061 | HIFI CS-HR-TS-R . I | | HBH.- | - | H081 | 041SS-38 | 81 | | | | HHFPU | 73 | 111100 P066 | 003 | 3H 3H |
| 049 | HIFI CS-HR-TS-R . IRTN | | HBH.- | - | H081 | 041SS-38 | 81 | | | | HHFPU | 73 | 111100 P066 | 011 | 3H 3H |
| 062 | HIFI CS-HR-TS-R . V | | HBH.- | - | H081 | 041SS-38 | 81 | | | | HHFPU | 73 | 111100 P066 | 004 | 3H 3H |
| 050 | HIFI CS-HR-TS-R . VRTN | | HBH.- | - | H081 | 041SS-38 | 81 | | | | HHFPU | 73 | 111100 P066 | 012 | 3H 3H |
| 060 | HIFI CS-HR-TS-R . SHD81 | | HBH.- | - | H081 | 041SS-38 | 81 | | CS-H081 | | HHFPU | 73 | 111100 P066 | 010 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 063 | HIFI CS-HT-R . SIG | | HBT.- | - | H082 | 021BS-38 | 82 | | | | HHFPU | 73 | 111100 P066 | 013 | 3H 3H |
| 052 | HIFI CS-HT-R . RTN | | HBT.- | - | H082 | 021BS-38 | 82 | | | | HHFPU | 73 | 111100 P066 | 006 | 3H 3H |
| 051 | HIFI CS-HT-R . SHD82 | | HBT.- | - | H082 | 021BS-38 | 82 | | CS-H082 | | HHFPU | 73 | 111100 P066 | 005 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 035 | HIFI DP3-AC-H . SIG | | HDP.- | - | H083 | 021BS-38 | 83 | | | | HHFPU | 73 | 111100 P067 | 002 | 3H 3H |
| 047 | HIFI DP3-AC-H . RTN | | HDP.- | - | H083 | 021BS-38 | 83 | | | | HHFPU | 73 | 111100 P067 | 012 | 3H 3H |
| 046 | HIFI DP3-AC-H . SHD83 | | HDP.- | - | H083 | 021BS-38 | 83 | | CS-H083 | | HHFPU | 73 | 111100 P067 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 211121 J017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-011P24-35PN (Junct.)
Backshell: 128/175_176_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 045 | HIFI DP4-AC-H . SIG | | HDP.- | - | H084 | 021BS-38 | 84 | | | | HHFPU | 73 | 111100 P067 | 003 | 3H 3H |
| 034 | HIFI DP4-AC-H . RTN | | HDP.- | - | H084 | 021BS-38 | 84 | | | | HHFPU | 73 | 111100 P067 | 014 | 3H 3H |
| 033 | HIFI DP4-AC-H . SHD84 | | HDP.- | - | H084 | 021BS-38 | 84 | | CS-H084 | | HHFPU | 73 | 111100 P067 | 013 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 044 | HIFI DP5-AC-H . SIG | | HDP.- | - | H085 | 021BS-38 | 85 | | | | HHFPU | 73 | 111100 P067 | 015 | 3H 3H |
| 032 | HIFI DP5-AC-H . RTN | | HDP.- | - | H085 | 021BS-38 | 85 | | | | HHFPU | 73 | 111100 P067 | 005 | 3H 3H |
| 043 | HIFI DP5-AC-H . SHD85 | | HDP.- | - | H085 | 021BS-38 | 85 | | CS-H085 | | HHFPU | 73 | 111100 P067 | 004 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 042 | HIFI DP6-AC-H . SIG | | HDP.- | - | H086 | 021BS-38 | 86 | | | | HHFPU | 73 | 111100 P067 | 006 | 3H 3H |
| 031 | HIFI DP6-AC-H . RTN | | HDP.- | - | H086 | 021BS-38 | 86 | | | | HHFPU | 73 | 111100 P067 | 017 | 3H 3H |
| 030 | HIFI DP6-AC-H . SHD86 | | HDP.- | - | H086 | 021BS-38 | 86 | | CS-H086 | | HHFPU | 73 | 111100 P067 | 016 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 041 | HIFI DP7-AC-H . SIG | | HDP.- | - | H087 | 021BS-38 | 87 | | | | HHFPU | 73 | 111100 P067 | 018 | 3H 3H |
| 029 | HIFI DP7-AC-H . RTN | | HDP.- | - | H087 | 021BS-38 | 87 | | | | HHFPU | 73 | 111100 P067 | 008 | 3H 3H |
| 040 | HIFI DP7-AC-H . SHD87 | | HDP.- | - | H087 | 021BS-38 | 87 | | CS-H087 | | HHFPU | 73 | 111100 P067 | 007 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI DP3-AC-V . SIG | | HDP.- | - | H088 | 021BS-38 | 88 | | | | HHFPU | 73 | 111100 P068 | 002 | 3H 3H |
| 024 | HIFI DP3-AC-V . RTN | | HDP.- | - | H088 | 021BS-38 | 88 | | | | HHFPU | 73 | 111100 P068 | 012 | 3H 3H |
| 023 | HIFI DP3-AC-V . SHD88 | | HDP.- | - | H088 | 021BS-38 | 88 | | CS-H088 | | HHFPU | 73 | 111100 P068 | 001 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 022 | HIFI DP4-AC-V . SIG | | HDP.- | - | H089 | 021BS-38 | 89 | | | | HHFPU | 73 | 111100 P068 | 003 | 3H 3H |
| 013 | HIFI DP4-AC-V . RTN | | HDP.- | - | H089 | 021BS-38 | 89 | | | | HHFPU | 73 | 111100 P068 | 014 | 3H 3H |
| 021 | HIFI DP4-AC-V . SHD89 | | HDP.- | - | H089 | 021BS-38 | 89 | | CS-H089 | | HHFPU | 73 | 111100 P068 | 013 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 020 | HIFI DP5-AC-V . SIG | | HDP.- | - | H090 | 021BS-38 | 90 | | | | HHFPU | 73 | 111100 P068 | 015 | 3H 3H |
| 012 | HIFI DP5-AC-V . RTN | | HDP.- | - | H090 | 021BS-38 | 90 | | | | HHFPU | 73 | 111100 P068 | 005 | 3H 3H |
| 011 | HIFI DP5-AC-V . SHD90 | | HDP.- | - | H090 | 021BS-38 | 90 | | CS-H090 | | HHFPU | 73 | 111100 P068 | 004 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 015 | HIFI DP6-AC-V . SIG | | HDP.- | - | H091 | 021BS-38 | 91 | | | | HHFPU | 73 | 111100 P068 | 006 | 3H 3H |
| 010 | HIFI DP6-AC-V . RTN | | HDP.- | - | H091 | 021BS-38 | 91 | | | | HHFPU | 73 | 111100 P068 | 017 | 3H 3H |
| 018 | HIFI DP6-AC-V . SHD91 | | HDP.- | - | H091 | 021BS-38 | 91 | | CS-H091 | | HHFPU | 73 | 111100 P068 | 016 | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 017 | HIFI DP7-AC-V . SIG | | HDP.- | - | H092 | 021BS-38 | 92 | | | | HHFPU | 73 | 111100 P068 | 018 | 3H 3H |
| 009 | HIFI DP7-AC-V . RTN | | HDP.- | - | H092 | 021BS-38 | 92 | | | | HHFPU | 73 | 111100 P068 | 008 | 3H 3H |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Connector: 211121 J017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-011P24-35PN (Junct.)
Backshell: 128/175_176_01_0A

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-------------------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 3H | 3H |
| 028 | HIFI DP7-AC-V . SHD92 | | HDP.- | - | H092 | 021BS-38 | 92 | | | CS-H092 | HHFPU | 73 | 111100 P068 | 007 | 3H | 3H |
| - | - | | | | | | | | | The following Pins are NC : | | | | | | 3H |
| - | 18 pins are NC | | | | | | | | | ;001 ;002 ;003 ;004 ;005 ;006 | | | | | | |
| - | - | | | | | | | | | ;007 ;008 ;016 ;019 ;025 ;026 | | | | | | |
| | | | | | | | | | | ;027 ;036 ;037 ;038 ;039 ;048 | | | | | | |

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Pin Allocation List (Harness)

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Project: HERSCHEL

Pin Allocation List

(Harness)

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Connector: 111100 P001**Function / Bundle:** HIFI FPU IF1-H SIH-XH-21**Conn.-Type:** Coax Male (50Ohm)**Item:** HHFPU**Backshell:** none

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| A1C | HIFI IF1 - H . SIG | | HIF.- | - | H093 | CX1----- | 1 | | | Semi ri coax 50Ohm | CVVUCR | 33 | 211121 J021 | A1C | 1H | 1H |
| A1S | HIFI IF1 - H . SHD | | HIF.- | - | H093 | CX1----- | 1 | | | CS-H093 | CVVUCR | 33 | 211121 J021 | A1S | 1H | 1H |

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Connector: 111100 P002
Item: HHFPU

Function / Bundle: HIFI FPU IF2-H SIH-XH-22

Conn.-Type: Coax Male (50Ohm)

Backshell: none

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| B1C | HIFI IF2 - H . SIG | | HIF.- | - | H094 | CX1----- | 1 | | | Semi ri coax 50Ohm | CVVUCR | 33 | 211121 J021 | B1C | 1H | 1H |
| B1S | HIFI IF2 - H . SHD | | HIF.- | - | H094 | CX1----- | 1 | | | CS-H094 | CVVUCR | 33 | 211121 J021 | B1S | 1H | 1H |

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Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

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Connector: 111100 P003**Function / Bundle:** HIFI FPU IF1-V SIH-XH-23**Conn.-Type:** Coax Male (50Ohm)**Item:** HHFPU**Backshell:** none

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| C1C | HIFI IF1 - V . SIG | | HIF.- | - | H095 | CX1----- | | | | Semi ri coax 50Ohm | CVVUCR | 33 | 211121 J021 | C1C | 1H | 1H |
| C1S | HIFI IF1 - V . SHD | | HIF.- | - | H095 | CX1----- | | | | CS-H095 | CVVUCR | 33 | 211121 J021 | C1S | 1H | 1H |

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Pin Allocation List

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Connector: 111100 P004**Function / Bundle:** HIFI FPU IF2-V SIH-XH-24**Conn.-Type:** Coax Male (50Ohm)**Item:** HHFPU**Backshell:** none

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| D1C | HIFI IF2 - V . SIG | | HIF.- | - | H096 | CX1----- | 1 | | | Semi ri coax 50Ohm | CVVUCR | 33 | 211121 J021 | D1C | 1H | 1H |
| D1S | HIFI IF2 - V . SHD | | HIF.- | - | H096 | CX1----- | 1 | | | Cs-H096 | CVVUCR | 33 | 211121 J021 | D1S | 1H | 1H |

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Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 211121 J021

Function / Bundle: HIFI COAX SIH-XH-21 - SIH-XH-24

Conn.-Type: TBD

Item: CVVUCR

Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| A1C | HIFI IF1 - H . SIG | | HIF.- | - | H093 | CX1----- | 1 | | | Semi ri coax 50Ohm | HHFPU | 73 | 111100 P001 | A1C | 1H 1H |
| A1S | HIFI IF1 - H . SHD | | HIF.- | - | H093 | CX1----- | 1 | | | CS-H093 | HHFPU | 73 | 111100 P001 | A1S | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| B1C | HIFI IF2 - H . SIG | | HIF.- | - | H094 | CX1----- | 2 | | | Semi ri coax 50Ohm | HHFPU | 73 | 111100 P002 | B1C | 1H 1H |
| B1S | HIFI IF2 - H . SHD | | HIF.- | - | H094 | CX1----- | 2 | | | CS-H094 | HHFPU | 73 | 111100 P002 | B1S | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| C1C | HIFI IF1 - V . SIG | | HIF.- | - | H095 | CX1----- | 3 | | | Semi ri coax 50Ohm | HHFPU | 73 | 111100 P003 | C1C | 1H 1H |
| C1S | HIFI IF1 - V . SHD | | HIF.- | - | H095 | CX1----- | 3 | | | CS-H095 | HHFPU | 73 | 111100 P003 | C1S | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| D1C | HIFI IF2 - V . SIG | | HIF.- | - | H096 | CX1----- | 4 | | | Semi ri coax 50Ohm | HHFPU | 73 | 111100 P004 | D1C | 1H 1H |
| D1S | HIFI IF2 - V . SHD | | HIF.- | - | H096 | CX1----- | 4 | | | CS-H096 | HHFPU | 73 | 111100 P004 | D1S | 1H 1H |

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Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 211121 P018

Function / Bundle: SIH-XH-01

Conn.-Type: 197-012P22-35SN (Plug)

Item: CVVUCR

Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 096 | HIFI MX1-H . B | | HMX.- | - | H001 | 051SS-38 | 1 | | | | HHSVMCB1 | 25 | 311100 J003 | 096 | 1H | 1H |
| 097 | HIFI MX1-H . VM | | HMX.- | - | H001 | 051SS-38 | 1 | | | | HHSVMCB1 | 25 | 311100 J003 | 097 | | |
| 090 | HIFI MX1-H . IM | | HMX.- | - | H001 | 051SS-38 | 1 | | | | HHSVMCB1 | 25 | 311100 J003 | 090 | | |
| 088 | HIFI MX1-H . BRTN | | HMX.- | - | H001 | 051SS-38 | 1 | | | | HHSVMCB1 | 25 | 311100 J003 | 088 | | |
| 089 | HIFI MX1-H . VMRTN | | HMX.- | - | H001 | 051SS-38 | 1 | | | | HHSVMCB1 | 25 | 311100 J003 | 089 | | |
| 095 | HIFI MX1-H . SHD01 | | HMX.- | - | H001 | 051SS-38 | 1 | | CS-H001 | | HHSVMCB1 | 25 | 311100 J003 | 095 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 091 | HIFI MX2-H . B | | HMX.- | - | H002 | 051SS-38 | 2 | | | | HHSVMCB1 | 25 | 311100 J003 | 091 | 1H | 1H |
| 099 | HIFI MX2-H . VM | | HMX.- | - | H002 | 051SS-38 | 2 | | | | HHSVMCB1 | 25 | 311100 J003 | 099 | | |
| 100 | HIFI MX2-H . IM | | HMX.- | - | H002 | 051SS-38 | 2 | | | | HHSVMCB1 | 25 | 311100 J003 | 100 | | |
| 092 | HIFI MX2-H . BRTN | | HMX.- | - | H002 | 051SS-38 | 2 | | | | HHSVMCB1 | 25 | 311100 J003 | 092 | | |
| 093 | HIFI MX2-H . VMRTN | | HMX.- | - | H002 | 051SS-38 | 2 | | | | HHSVMCB1 | 25 | 311100 J003 | 093 | | |
| 098 | HIFI MX2-H . SHD02 | | HMX.- | - | H002 | 051SS-38 | 2 | | CS-H002 | | HHSVMCB1 | 25 | 311100 J003 | 098 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 069 | HIFI MX3-H . B | | HMX.- | - | H003 | 051SS-38 | 3 | | | | HHSVMCB1 | 25 | 311100 J003 | 069 | 1H | 1H |
| 070 | HIFI MX3-H . VM | | HMX.- | - | H003 | 051SS-38 | 3 | | | | HHSVMCB1 | 25 | 311100 J003 | 070 | | |
| 079 | HIFI MX3-H . IM | | HMX.- | - | H003 | 051SS-38 | 3 | | | | HHSVMCB1 | 25 | 311100 J003 | 079 | | |
| 068 | HIFI MX3-H . BRTN | | HMX.- | - | H003 | 051SS-38 | 3 | | | | HHSVMCB1 | 25 | 311100 J003 | 068 | | |
| 078 | HIFI MX3-H . VMRTN | | HMX.- | - | H003 | 051SS-38 | 3 | | | | HHSVMCB1 | 25 | 311100 J003 | 078 | | |
| 087 | HIFI MX3-H . SHD03 | | HMX.- | - | H003 | 051SS-38 | 3 | | CS-H003 | | HHSVMCB1 | 25 | 311100 J003 | 087 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MX4-H . B | | HMX.- | - | H004 | 051SS-38 | 4 | | | | HHSVMCB1 | 25 | 311100 J003 | 081 | 1H | 1H |
| 072 | HIFI MX4-H . VM | | HMX.- | - | H004 | 051SS-38 | 4 | | | | HHSVMCB1 | 25 | 311100 J003 | 072 | | |
| 073 | HIFI MX4-H . IM | | HMX.- | - | H004 | 051SS-38 | 4 | | | | HHSVMCB1 | 25 | 311100 J003 | 073 | | |
| 080 | HIFI MX4-H . BRTN | | HMX.- | - | H004 | 051SS-38 | 4 | | | | HHSVMCB1 | 25 | 311100 J003 | 080 | | |
| 082 | HIFI MX4-H . VMRTN | | HMX.- | - | H004 | 051SS-38 | 4 | | | | HHSVMCB1 | 25 | 311100 J003 | 082 | | |
| 071 | HIFI MX4-H . SHD04 | | HMX.- | - | H004 | 051SS-38 | 4 | | CS-H004 | | HHSVMCB1 | 25 | 311100 J003 | 071 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 076 | HIFI MX5-H . B | | HMX.- | - | H005 | 051SS-38 | 5 | | | | HHSVMCB1 | 25 | 311100 J003 | 076 | 1H | 1H |
| 084 | HIFI MX5-H . VM | | HMX.- | - | H005 | 051SS-38 | 5 | | | | HHSVMCB1 | 25 | 311100 J003 | 084 | | |
| 085 | HIFI MX5-H . IM | | HMX.- | - | H005 | 051SS-38 | 5 | | | | HHSVMCB1 | 25 | 311100 J003 | 085 | | |
| 075 | HIFI MX5-H . BRTN | | HMX.- | - | H005 | 051SS-38 | 5 | | | | HHSVMCB1 | 25 | 311100 J003 | 075 | | |
| 074 | HIFI MX5-H . VMRTN | | HMX.- | - | H005 | 051SS-38 | 5 | | | | HHSVMCB1 | 25 | 311100 J003 | 074 | | |
| 083 | HIFI MX5-H . SHD05 | | HMX.- | - | H005 | 051SS-38 | 5 | | CS-H005 | | HHSVMCB1 | 25 | 311100 J003 | 083 | 3H | 1H |

Pin Allocation List

(Harness)

Connector: 211121 P018
Item: CVVUCR

Function / Bundle: SIH-XH-01

Conn.-Type: 197-012P22-35SN (Plug)
Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI MX6-H . B | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHSVMCB1 | 25 | 311100 J003 | 054 | 1H | 1H |
| 055 | HIFI MX6-H . VM | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHSVMCB1 | 25 | 311100 J003 | 055 | | |
| 064 | HIFI MX6-H . IM | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHSVMCB1 | 25 | 311100 J003 | 064 | | |
| 065 | HIFI MX6-H . BRTN | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHSVMCB1 | 25 | 311100 J003 | 065 | | |
| 066 | HIFI MX6-H . VMRTN | | HMX.- | - | H006 | 051SS-38 | 6 | | | | HHSVMCB1 | 25 | 311100 J003 | 066 | | |
| 053 | HIFI MX6-H . SHD06 | | HMX.- | - | H006 | 051SS-38 | 6 | | CS-H006 | | HHSVMCB1 | 25 | 311100 J003 | 053 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 051 | HIFI MX7-H . B | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHSVMCB1 | 25 | 311100 J003 | 051 | 1H | 1H |
| 052 | HIFI MX7-H . VM | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHSVMCB1 | 25 | 311100 J003 | 052 | | |
| 061 | HIFI MX7-H . IM | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHSVMCB1 | 25 | 311100 J003 | 061 | | |
| 062 | HIFI MX7-H . BRTN | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHSVMCB1 | 25 | 311100 J003 | 062 | | |
| 063 | HIFI MX7-H . VMRTN | | HMX.- | - | H007 | 051SS-38 | 7 | | | | HHSVMCB1 | 25 | 311100 J003 | 063 | | |
| 050 | HIFI MX7-H . SHD07 | | HMX.- | - | H007 | 051SS-38 | 7 | | CS-H007 | | HHSVMCB1 | 25 | 311100 J003 | 050 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 048 | HIFI FIF1 D -H . D1 | | H1D.- | - | H025 | 041BS-30 | 25 | | | | HHSVMCB1 | 25 | 311100 J003 | 048 | 3H | 1H |
| 049 | HIFI FIF1 D -H . D2 | | H1D.- | - | H025 | 041BS-30 | 25 | | | | HHSVMCB1 | 25 | 311100 J003 | 049 | 3H | |
| 059 | HIFI FIF1 D -H . TST | | H1D.- | - | H025 | 041BS-30 | 25 | | | | HHSVMCB1 | 25 | 311100 J003 | 059 | 3H | |
| 060 | HIFI FIF1 D -H . DRTN | | H1D.- | - | H025 | 041BS-30 | 25 | | | | HHSVMCB1 | 25 | 311100 J003 | 060 | 3H | |
| 058 | HIFI FIF1 D -H . SHD25 | | H1D.- | - | H025 | 041BS-30 | 25 | | CS-H025 | | HHSVMCB1 | 25 | 311100 J003 | 058 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 025 | HIFI FIF1 G -H . G2 | | H1G.- | - | H026 | 031SS-38 | 26 | | | | HHSVMCB1 | 25 | 311100 J003 | 025 | 1H | 1H |
| 036 | HIFI FIF1 G -H . GRTN | | H1G.- | - | H026 | 031SS-38 | 26 | | | | HHSVMCB1 | 25 | 311100 J003 | 036 | | |
| 035 | HIFI FIF1 G -H . G1 | | H1G.- | - | H026 | 031SS-38 | 26 | | | | HHSVMCB1 | 25 | 311100 J003 | 035 | | |
| 016 | HIFI FIF1 G -H . SHD26 | | H1G.- | - | H026 | 031SS-38 | 26 | | CS-H026 | | HHSVMCB1 | 25 | 311100 J003 | 016 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 034 | HIFI FIF2 D -H . D1 | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | HHSVMCB1 | 25 | 311100 J003 | 034 | 1H | 1H |
| 045 | HIFI FIF2 D -H . D2 | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | HHSVMCB1 | 25 | 311100 J003 | 045 | | |
| 044 | HIFI FIF2 D -H . DRTN | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | HHSVMCB1 | 25 | 311100 J003 | 044 | | |
| 033 | HIFI FIF2 D -H . SHD27 | | H1D.1 | - | H027 | 031BS-30 | 27 | | CS-H027 | | HHSVMCB1 | 25 | 311100 J003 | 033 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 042 | HIFI FIF2 G -H . G1 | | H1G.- | - | H028 | 031SS-38 | 28 | | | | HHSVMCB1 | 25 | 311100 J003 | 042 | 1H | 1H |
| 043 | HIFI FIF2 G -H . G2 | | H1G.- | - | H028 | 031SS-38 | 28 | | | | HHSVMCB1 | 25 | 311100 J003 | 043 | | |
| 032 | HIFI FIF2 G -H . GRTN | | H1G.- | - | H028 | 031SS-38 | 28 | | | | HHSVMCB1 | 25 | 311100 J003 | 032 | | |

Pin Allocation List

(Harness)

Connector: 211121 P018
Item: CVVUCR

Function / Bundle: SIH-XH-01

Conn.-Type: 197-012P22-35SN (Plug)
Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 031 | HIFI FIF2 G -H . SHD28 | | H1G.- | - | H028 | 031SS-38 | 28 | | | CS-H028 | HHSVMCB1 | 25 | 311100 J003 | 031 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI FIF3 D -H . D1 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | HHSVMCB1 | 25 | 311100 J003 | 030 | 1H | 1H |
| 041 | HIFI FIF3 D -H . D2 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | HHSVMCB1 | 25 | 311100 J003 | 041 | | |
| 040 | HIFI FIF3 D -H . DRTN | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | HHSVMCB1 | 25 | 311100 J003 | 040 | | |
| 029 | HIFI FIF3 D -H . SHD29 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | CS-H029 | HHSVMCB1 | 25 | 311100 J003 | 029 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 028 | HIFI FIF3 G -H . G1 | | H1G.- | - | H030 | 031SS-38 | 30 | | | | HHSVMCB1 | 25 | 311100 J003 | 028 | 1H | 1H |
| 039 | HIFI FIF3 G -H . G2 | | H1G.- | - | H030 | 031SS-38 | 30 | | | | HHSVMCB1 | 25 | 311100 J003 | 039 | | |
| 038 | HIFI FIF3 G -H . GRTN | | H1G.- | - | H030 | 031SS-38 | 30 | | | | HHSVMCB1 | 25 | 311100 J003 | 038 | | |
| 027 | HIFI FIF3 G -H . SHD30 | | H1G.- | - | H030 | 031SS-38 | 30 | | | CS-H030 | HHSVMCB1 | 25 | 311100 J003 | 027 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 014 | HIFI FIF4 D -H . D1 | | H1D.- | - | H031 | 041BS-30 | 31 | | | | HHSVMCB1 | 25 | 311100 J003 | 014 | 1H | 1H |
| 015 | HIFI FIF4 D -H . D2 | | H1D.- | - | H031 | 041BS-30 | 31 | | | | HHSVMCB1 | 25 | 311100 J003 | 015 | | |
| 023 | HIFI FIF4 D -H . TST | | H1D.- | - | H031 | 041BS-30 | 31 | | | | HHSVMCB1 | 25 | 311100 J003 | 023 | | |
| 024 | HIFI FIF4 D -H . DRTN | | H1D.- | - | H031 | 041BS-30 | 31 | | | | HHSVMCB1 | 25 | 311100 J003 | 024 | | |
| 022 | HIFI FIF4 D -H . SHD31 | | H1D.- | - | H031 | 041BS-30 | 31 | | | CS-H031 | HHSVMCB1 | 25 | 311100 J003 | 022 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI FIF4 G -H . G1 | | H1G.- | - | H032 | 031SS-38 | 32 | | | | HHSVMCB1 | 25 | 311100 J003 | 012 | 1H | 1H |
| 013 | HIFI FIF4 G -H . G2 | | H1G.- | - | H032 | 031SS-38 | 32 | | | | HHSVMCB1 | 25 | 311100 J003 | 013 | | |
| 021 | HIFI FIF4 G -H . GRTN | | H1G.- | - | H032 | 031SS-38 | 32 | | | | HHSVMCB1 | 25 | 311100 J003 | 021 | | |
| 020 | HIFI FIF4 G -H . SHD32 | | H1G.- | - | H032 | 031SS-38 | 32 | | | CS-H032 | HHSVMCB1 | 25 | 311100 J003 | 020 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 017 | HIFI FIF5 D -H . D1 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | HHSVMCB1 | 25 | 311100 J003 | 017 | 1H | 1H |
| 037 | HIFI FIF5 D -H . D2 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | HHSVMCB1 | 25 | 311100 J003 | 037 | | |
| 026 | HIFI FIF5 D -H . DRTN | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | HHSVMCB1 | 25 | 311100 J003 | 026 | | |
| 009 | HIFI FIF5 D -H . SHD33 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | CS-H033 | HHSVMCB1 | 25 | 311100 J003 | 009 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 010 | HIFI FIF5 G -H . G1 | | H1G.- | - | H034 | 031SS-38 | 34 | | | | HHSVMCB1 | 25 | 311100 J003 | 010 | 1H | 1H |
| 019 | HIFI FIF5 G -H . G2 | | H1G.- | - | H034 | 031SS-38 | 34 | | | | HHSVMCB1 | 25 | 311100 J003 | 019 | | |
| 011 | HIFI FIF5 G -H . GRTN | | H1G.- | - | H034 | 031SS-38 | 34 | | | | HHSVMCB1 | 25 | 311100 J003 | 011 | | |
| 018 | HIFI FIF5 G -H . SHD34 | | H1G.- | - | H034 | 031SS-38 | 34 | | | CS-H034 | HHSVMCB1 | 25 | 311100 J003 | 018 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 001 | HIFI FIF6 D -H . D1 | | H1D.1 | - | H035 | 031BS-30 | 35 | | | | HHSVMCB1 | 25 | 311100 J003 | 001 | 1H | 1H |

Pin Allocation List

(Harness)

Project: **HERSCHEL****Connector:** 211121 P018**Function / Bundle:** SIH-XH-01**Conn.-Type:** 197-012P22-35SN (Plug)**Item:** CVVUCR**Backshell:** G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI FIF6 D -H . D2 | | H1D.1 - | | H035 | 031BS-30 | 35 | | | | HHSVMCB1 | 25 | 311100 J003 | 002 | |
| 003 | HIFI FIF6 D -H . DRTN | | H1D.1 - | | H035 | 031BS-30 | 35 | | | | HHSVMCB1 | 25 | 311100 J003 | 003 | |
| 008 | HIFI FIF6 D -H . SHD35 | | H1D.1 - | | H035 | 031BS-30 | 35 | | CS-H035 | | HHSVMCB1 | 25 | 311100 J003 | 008 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI FIF6 G -H . G1 | | H1G.- - | | H036 | 031SS-38 | 36 | | | | HHSVMCB1 | 25 | 311100 J003 | 004 | 1H 1H |
| 005 | HIFI FIF6 G -H . G2 | | H1G.- - | | H036 | 031SS-38 | 36 | | | | HHSVMCB1 | 25 | 311100 J003 | 005 | |
| 006 | HIFI FIF6 G -H . GRTN | | H1G.- - | | H036 | 031SS-38 | 36 | | | | HHSVMCB1 | 25 | 311100 J003 | 006 | |
| 007 | HIFI FIF6 G -H . SHD36 | | H1G.- - | | H036 | 031SS-38 | 36 | | CS-H036 | | HHSVMCB1 | 25 | 311100 J003 | 007 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 056 | HIFI FIF7 D -H . D1 | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | HHSVMCB1 | 25 | 311100 J003 | 056 | 1H 1H |
| 057 | HIFI FIF7 D -H . D2 | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | HHSVMCB1 | 25 | 311100 J003 | 057 | |
| 046 | HIFI FIF7 D -H . DRTN | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | HHSVMCB1 | 25 | 311100 J003 | 046 | |
| 047 | HIFI FIF7 D -H . SHD37 | | H1D.1 - | | H037 | 031BS-30 | 37 | | CS-H037 | | HHSVMCB1 | 25 | 311100 J003 | 047 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 077 | HIFI FIF7 G -H . G1 | | H1G.- - | | H038 | 031SS-38 | 38 | | | | HHSVMCB1 | 25 | 311100 J003 | 077 | 1H 1H |
| 086 | HIFI FIF7 G -H . G2 | | H1G.- - | | H038 | 031SS-38 | 38 | | | | HHSVMCB1 | 25 | 311100 J003 | 086 | |
| 094 | HIFI FIF7 G -H . GRTN | | H1G.- - | | H038 | 031SS-38 | 38 | | | | HHSVMCB1 | 25 | 311100 J003 | 094 | |
| 067 | HIFI FIF7 G -H . SHD38 | | H1G.- - | | H038 | 031SS-38 | 38 | | CS-H038 | | HHSVMCB1 | 25 | 311100 J003 | 067 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Pin Allocation List

(Harness)

Connector: 311100 J003
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 3H |
| 096 | HIFI MX1-H . B | | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 P018 | 096 | 1H | 1H |
| 097 | HIFI MX1-H . VM | | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 P018 | 097 | | |
| 090 | HIFI MX1-H . IM | | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 P018 | 090 | | |
| 088 | HIFI MX1-H . BRTN | | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 P018 | 088 | | |
| 089 | HIFI MX1-H . VMRTN | | HMX.- | - | H001 | 051SS-38 | 1 | | | | CVVUCR | 33 | 211121 P018 | 089 | | |
| 095 | HIFI MX1-H . SHD01 | | HMX.- | - | H001 | 051SS-38 | 1 | | CS-H001 | | CVVUCR | 33 | 211121 P018 | 095 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 091 | HIFI MX2-H . B | | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 P018 | 091 | 1H | 1H |
| 099 | HIFI MX2-H . VM | | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 P018 | 099 | | |
| 100 | HIFI MX2-H . IM | | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 P018 | 100 | | |
| 092 | HIFI MX2-H . BRTN | | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 P018 | 092 | | |
| 093 | HIFI MX2-H . VMRTN | | HMX.- | - | H002 | 051SS-38 | 2 | | | | CVVUCR | 33 | 211121 P018 | 093 | | |
| 098 | HIFI MX2-H . SHD02 | | HMX.- | - | H002 | 051SS-38 | 2 | | CS-H002 | | CVVUCR | 33 | 211121 P018 | 098 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 069 | HIFI MX3-H . B | | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 P018 | 069 | 1H | 1H |
| 070 | HIFI MX3-H . VM | | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 P018 | 070 | | |
| 079 | HIFI MX3-H . IM | | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 P018 | 079 | | |
| 068 | HIFI MX3-H . BRTN | | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 P018 | 068 | | |
| 078 | HIFI MX3-H . VMRTN | | HMX.- | - | H003 | 051SS-38 | 3 | | | | CVVUCR | 33 | 211121 P018 | 078 | | |
| 087 | HIFI MX3-H . SHD03 | | HMX.- | - | H003 | 051SS-38 | 3 | | CS-H003 | | CVVUCR | 33 | 211121 P018 | 087 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MX4-H . B | | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 P018 | 081 | 1H | 1H |
| 072 | HIFI MX4-H . VM | | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 P018 | 072 | | |
| 073 | HIFI MX4-H . IM | | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 P018 | 073 | | |
| 080 | HIFI MX4-H . BRTN | | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 P018 | 080 | | |
| 082 | HIFI MX4-H . VMRTN | | HMX.- | - | H004 | 051SS-38 | 4 | | | | CVVUCR | 33 | 211121 P018 | 082 | | |
| 071 | HIFI MX4-H . SHD04 | | HMX.- | - | H004 | 051SS-38 | 4 | | CS-H004 | | CVVUCR | 33 | 211121 P018 | 071 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 076 | HIFI MX5-H . B | | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 P018 | 076 | 1H | 1H |
| 084 | HIFI MX5-H . VM | | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 P018 | 084 | | |
| 085 | HIFI MX5-H . IM | | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 P018 | 085 | | |
| 075 | HIFI MX5-H . BRTN | | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 P018 | 075 | | |
| 074 | HIFI MX5-H . VMRTN | | HMX.- | - | H005 | 051SS-38 | 5 | | | | CVVUCR | 33 | 211121 P018 | 074 | | |
| 083 | HIFI MX5-H . SHD05 | | HMX.- | - | H005 | 051SS-38 | 5 | | CS-H005 | | CVVUCR | 33 | 211121 P018 | 083 | 1H | 3H |

Pin Allocation List

(Harness)

Connector: 311100 J003
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI MX6-H . B | | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVWUCR | 33 | 211121 P018 | 054 | 1H | 1H |
| 055 | HIFI MX6-H . VM | | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVWUCR | 33 | 211121 P018 | 055 | | |
| 064 | HIFI MX6-H . IM | | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVWUCR | 33 | 211121 P018 | 064 | | |
| 065 | HIFI MX6-H . BRTN | | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVWUCR | 33 | 211121 P018 | 065 | | |
| 066 | HIFI MX6-H . VMRTN | | HMX.- | - | H006 | 051SS-38 | 6 | | | | CVWUCR | 33 | 211121 P018 | 066 | | |
| 053 | HIFI MX6-H . SHD06 | | HMX.- | - | H006 | 051SS-38 | 6 | | CS-H006 | | CVWUCR | 33 | 211121 P018 | 053 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 051 | HIFI MX7-H . B | | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVWUCR | 33 | 211121 P018 | 051 | 1H | 1H |
| 052 | HIFI MX7-H . VM | | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVWUCR | 33 | 211121 P018 | 052 | | |
| 061 | HIFI MX7-H . IM | | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVWUCR | 33 | 211121 P018 | 061 | | |
| 062 | HIFI MX7-H . BRTN | | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVWUCR | 33 | 211121 P018 | 062 | | |
| 063 | HIFI MX7-H . VMRTN | | HMX.- | - | H007 | 051SS-38 | 7 | | | | CVWUCR | 33 | 211121 P018 | 063 | | |
| 050 | HIFI MX7-H . SHD07 | | HMX.- | - | H007 | 051SS-38 | 7 | | CS-H007 | | CVWUCR | 33 | 211121 P018 | 050 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 048 | HIFI FIF1 D -H . D1 | | H1D.- | - | H025 | 041BS-30 | 25 | | | | CVWUCR | 33 | 211121 P018 | 048 | 1H | 3H |
| 049 | HIFI FIF1 D -H . D2 | | H1D.- | - | H025 | 041BS-30 | 25 | | | | CVWUCR | 33 | 211121 P018 | 049 | | 3H |
| 059 | HIFI FIF1 D -H . TST | | H1D.- | - | H025 | 041BS-30 | 25 | | | | CVWUCR | 33 | 211121 P018 | 059 | | 3H |
| 060 | HIFI FIF1 D -H . DRTN | | H1D.- | - | H025 | 041BS-30 | 25 | | | | CVWUCR | 33 | 211121 P018 | 060 | | 3H |
| 058 | HIFI FIF1 D -H . SHD25 | | H1D.- | - | H025 | 041BS-30 | 25 | | CS-H025 | | CVWUCR | 33 | 211121 P018 | 058 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 025 | HIFI FIF1 G -H . G2 | | H1G.- | - | H026 | 031SS-38 | 26 | | | | CVWUCR | 33 | 211121 P018 | 025 | 1H | 1H |
| 036 | HIFI FIF1 G -H . GRTN | | H1G.- | - | H026 | 031SS-38 | 26 | | | | CVWUCR | 33 | 211121 P018 | 036 | | |
| 035 | HIFI FIF1 G -H . G1 | | H1G.- | - | H026 | 031SS-38 | 26 | | | | CVWUCR | 33 | 211121 P018 | 035 | | |
| 016 | HIFI FIF1 G -H . SHD26 | | H1G.- | - | H026 | 031SS-38 | 26 | | CS-H026 | | CVWUCR | 33 | 211121 P018 | 016 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 034 | HIFI FIF2 D -H . D1 | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | CVWUCR | 33 | 211121 P018 | 034 | 1H | 1H |
| 045 | HIFI FIF2 D -H . D2 | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | CVWUCR | 33 | 211121 P018 | 045 | | |
| 044 | HIFI FIF2 D -H . DRTN | | H1D.1 | - | H027 | 031BS-30 | 27 | | | | CVWUCR | 33 | 211121 P018 | 044 | | |
| 033 | HIFI FIF2 D -H . SHD27 | | H1D.1 | - | H027 | 031BS-30 | 27 | | CS-H027 | | CVWUCR | 33 | 211121 P018 | 033 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 042 | HIFI FIF2 G -H . G1 | | H1G.- | - | H028 | 031SS-38 | 28 | | | | CVWUCR | 33 | 211121 P018 | 042 | 1H | 1H |
| 043 | HIFI FIF2 G -H . G2 | | H1G.- | - | H028 | 031SS-38 | 28 | | | | CVWUCR | 33 | 211121 P018 | 043 | | |
| 032 | HIFI FIF2 G -H . GRTN | | H1G.- | - | H028 | 031SS-38 | 28 | | | | CVWUCR | 33 | 211121 P018 | 032 | | |

Pin Allocation List

(Harness)

Connector: 311100 J003
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 031 | HIFI FIF2 G -H . SHD28 | | H1G.- | - | H028 | 031SS-38 | 28 | | | CS-H028 | CVVUCR | 33 | 211121 P018 | 031 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI FIF3 D -H . D1 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | CVVUCR | 33 | 211121 P018 | 030 | 1H | 1H |
| 041 | HIFI FIF3 D -H . D2 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | CVVUCR | 33 | 211121 P018 | 041 | | |
| 040 | HIFI FIF3 D -H . DRTN | | H1D.1 | - | H029 | 031BS-30 | 29 | | | | CVVUCR | 33 | 211121 P018 | 040 | | |
| 029 | HIFI FIF3 D -H . SHD29 | | H1D.1 | - | H029 | 031BS-30 | 29 | | | CS-H029 | CVVUCR | 33 | 211121 P018 | 029 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 028 | HIFI FIF3 G -H . G1 | | H1G.- | - | H030 | 031SS-38 | 30 | | | | CVVUCR | 33 | 211121 P018 | 028 | 1H | 1H |
| 039 | HIFI FIF3 G -H . G2 | | H1G.- | - | H030 | 031SS-38 | 30 | | | | CVVUCR | 33 | 211121 P018 | 039 | | |
| 038 | HIFI FIF3 G -H . GRTN | | H1G.- | - | H030 | 031SS-38 | 30 | | | | CVVUCR | 33 | 211121 P018 | 038 | | |
| 027 | HIFI FIF3 G -H . SHD30 | | H1G.- | - | H030 | 031SS-38 | 30 | | | CS-H030 | CVVUCR | 33 | 211121 P018 | 027 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 014 | HIFI FIF4 D -H . D1 | | H1D.- | - | H031 | 041BS-30 | 31 | | | | CVVUCR | 33 | 211121 P018 | 014 | 1H | 1H |
| 015 | HIFI FIF4 D -H . D2 | | H1D.- | - | H031 | 041BS-30 | 31 | | | | CVVUCR | 33 | 211121 P018 | 015 | | |
| 023 | HIFI FIF4 D -H . TST | | H1D.- | - | H031 | 041BS-30 | 31 | | | | CVVUCR | 33 | 211121 P018 | 023 | | |
| 024 | HIFI FIF4 D -H . DRTN | | H1D.- | - | H031 | 041BS-30 | 31 | | | | CVVUCR | 33 | 211121 P018 | 024 | | |
| 022 | HIFI FIF4 D -H . SHD31 | | H1D.- | - | H031 | 041BS-30 | 31 | | | CS-H031 | CVVUCR | 33 | 211121 P018 | 022 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI FIF4 G -H . G1 | | H1G.- | - | H032 | 031SS-38 | 32 | | | | CVVUCR | 33 | 211121 P018 | 012 | 1H | 1H |
| 013 | HIFI FIF4 G -H . G2 | | H1G.- | - | H032 | 031SS-38 | 32 | | | | CVVUCR | 33 | 211121 P018 | 013 | | |
| 021 | HIFI FIF4 G -H . GRTN | | H1G.- | - | H032 | 031SS-38 | 32 | | | | CVVUCR | 33 | 211121 P018 | 021 | | |
| 020 | HIFI FIF4 G -H . SHD32 | | H1G.- | - | H032 | 031SS-38 | 32 | | | CS-H032 | CVVUCR | 33 | 211121 P018 | 020 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 017 | HIFI FIF5 D -H . D1 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | CVVUCR | 33 | 211121 P018 | 017 | 1H | 1H |
| 037 | HIFI FIF5 D -H . D2 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | CVVUCR | 33 | 211121 P018 | 037 | | |
| 026 | HIFI FIF5 D -H . DRTN | | H1D.1 | - | H033 | 031BS-30 | 33 | | | | CVVUCR | 33 | 211121 P018 | 026 | | |
| 009 | HIFI FIF5 D -H . SHD33 | | H1D.1 | - | H033 | 031BS-30 | 33 | | | CS-H033 | CVVUCR | 33 | 211121 P018 | 009 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 010 | HIFI FIF5 G -H . G1 | | H1G.- | - | H034 | 031SS-38 | 34 | | | | CVVUCR | 33 | 211121 P018 | 010 | 1H | 1H |
| 019 | HIFI FIF5 G -H . G2 | | H1G.- | - | H034 | 031SS-38 | 34 | | | | CVVUCR | 33 | 211121 P018 | 019 | | |
| 011 | HIFI FIF5 G -H . GRTN | | H1G.- | - | H034 | 031SS-38 | 34 | | | | CVVUCR | 33 | 211121 P018 | 011 | | |
| 018 | HIFI FIF5 G -H . SHD34 | | H1G.- | - | H034 | 031SS-38 | 34 | | | CS-H034 | CVVUCR | 33 | 211121 P018 | 018 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 001 | HIFI FIF6 D -H . D1 | | H1D.1 | - | H035 | 031BS-30 | 35 | | | | CVVUCR | 33 | 211121 P018 | 001 | 1H | 1H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 311100 J003

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B032235PN

Item: HHSVMCB1

Backshell: 440 FS 110 M 22 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI FIF6 D -H . D2 | | H1D.1 - | | H035 | 031BS-30 | 35 | | | | CVWUCR | 33 | 211121 P018 | 002 | |
| 003 | HIFI FIF6 D -H . DRTN | | H1D.1 - | | H035 | 031BS-30 | 35 | | | | CVWUCR | 33 | 211121 P018 | 003 | |
| 008 | HIFI FIF6 D -H . SHD35 | | H1D.1 - | | H035 | 031BS-30 | 35 | | CS-H035 | | CVWUCR | 33 | 211121 P018 | 008 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI FIF6 G -H . G1 | | H1G.- - | | H036 | 031SS-38 | 36 | | | | CVWUCR | 33 | 211121 P018 | 004 | 1H 1H |
| 005 | HIFI FIF6 G -H . G2 | | H1G.- - | | H036 | 031SS-38 | 36 | | | | CVWUCR | 33 | 211121 P018 | 005 | |
| 006 | HIFI FIF6 G -H . GRTN | | H1G.- - | | H036 | 031SS-38 | 36 | | | | CVWUCR | 33 | 211121 P018 | 006 | |
| 007 | HIFI FIF6 G -H . SHD36 | | H1G.- - | | H036 | 031SS-38 | 36 | | CS-H036 | | CVWUCR | 33 | 211121 P018 | 007 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 056 | HIFI FIF7 D -H . D1 | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | CVWUCR | 33 | 211121 P018 | 056 | 1H 1H |
| 057 | HIFI FIF7 D -H . D2 | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | CVWUCR | 33 | 211121 P018 | 057 | |
| 046 | HIFI FIF7 D -H . DRTN | | H1D.1 - | | H037 | 031BS-30 | 37 | | | | CVWUCR | 33 | 211121 P018 | 046 | |
| 047 | HIFI FIF7 D -H . SHD37 | | H1D.1 - | | H037 | 031BS-30 | 37 | | CS-H037 | | CVWUCR | 33 | 211121 P018 | 047 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 077 | HIFI FIF7 G -H . G1 | | H1G.- - | | H038 | 031SS-38 | 38 | | | | CVWUCR | 33 | 211121 P018 | 077 | 1H 1H |
| 086 | HIFI FIF7 G -H . G2 | | H1G.- - | | H038 | 031SS-38 | 38 | | | | CVWUCR | 33 | 211121 P018 | 086 | |
| 094 | HIFI FIF7 G -H . GRTN | | H1G.- - | | H038 | 031SS-38 | 38 | | | | CVWUCR | 33 | 211121 P018 | 094 | |
| 067 | HIFI FIF7 G -H . SHD38 | | H1G.- - | | H038 | 031SS-38 | 38 | | CS-H038 | | CVWUCR | 33 | 211121 P018 | 067 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Pin Allocation List

(Harness)

Connector: 211121 P016
Item: CVVUCR

Function / Bundle: SIH-XH-02

Conn.-Type: 197-012P22-35SN (Plug)

Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|-------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 079 | HIFI MGHT1-H . HT | | HMH.- | - | H015 | 041BS-38 | 15 | | | | HHSVMCB1 | 25 | 311100 J001 | 079 | 1H | 1H |
| 070 | HIFI MGHT1-H . HTRTN | | HMH.- | - | H015 | 041BS-38 | 15 | | | | HHSVMCB1 | 25 | 311100 J001 | 070 | | |
| 080 | HIFI MGHT1-H . MG | | HMH.- | - | H015 | 041BS-38 | 15 | | | | HHSVMCB1 | 25 | 311100 J001 | 080 | | |
| 071 | HIFI MGHT1-H . MGRTN | | HMH.- | - | H015 | 041BS-38 | 15 | | | | HHSVMCB1 | 25 | 311100 J001 | 071 | | |
| 069 | HIFI MGHT1-H . SHD15 | | HMH.- | - | H015 | 041BS-38 | 15 | | | CS-H015 | HHSVMCB1 | 25 | 311100 J001 | 069 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 097 | HIFI MGHT2 -H . HT | | HMH.- | - | H016 | 041BS-38 | 16 | | | | HHSVMCB1 | 25 | 311100 J001 | 097 | 1H | 1H 1H |
| 089 | HIFI MGHT2 -H . HTRTN | | HMH.- | - | H016 | 041BS-38 | 16 | | | | HHSVMCB1 | 25 | 311100 J001 | 089 | | 1H |
| 098 | HIFI MGHT2 -H . MG | | HMH.- | - | H016 | 041BS-38 | 16 | | | | HHSVMCB1 | 25 | 311100 J001 | 098 | | 1H |
| 090 | HIFI MGHT2 -H . MGRTN | | HMH.- | - | H016 | 041BS-38 | 16 | | | | HHSVMCB1 | 25 | 311100 J001 | 090 | | 1H |
| 096 | HIFI MGHT2 -H . SHD16 | | HMH.- | - | H016 | 041BS-38 | 16 | | | CS-H016 | HHSVMCB1 | 25 | 311100 J001 | 096 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 099 | HIFI MGHT3 -H . HT | | HMH.- | - | H017 | 041BS-38 | 17 | | | | HHSVMCB1 | 25 | 311100 J001 | 099 | 1H | 1H |
| 091 | HIFI MGHT3 -H . HTRTN | | HMH.- | - | H017 | 041BS-38 | 17 | | | | HHSVMCB1 | 25 | 311100 J001 | 091 | | |
| 100 | HIFI MGHT3 -H . MG | | HMH.- | - | H017 | 041BS-38 | 17 | | | | HHSVMCB1 | 25 | 311100 J001 | 100 | | |
| 092 | HIFI MGHT3 -H . MGRTN | | HMH.- | - | H017 | 041BS-38 | 17 | | | | HHSVMCB1 | 25 | 311100 J001 | 092 | | |
| 093 | HIFI MGHT3 -H . SHD17 | | HMH.- | - | H017 | 041BS-38 | 17 | | | CS-H017 | HHSVMCB1 | 25 | 311100 J001 | 093 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MGHT4 -H . HT | | HMH.- | - | H018 | 041BS-38 | 18 | | | | HHSVMCB1 | 25 | 311100 J001 | 081 | 1H | 1H 1H |
| 072 | HIFI MGHT4 -H . HTRTN | | HMH.- | - | H018 | 041BS-38 | 18 | | | | HHSVMCB1 | 25 | 311100 J001 | 072 | | 1H |
| 082 | HIFI MGHT4 -H . MG | | HMH.- | - | H018 | 041BS-38 | 18 | | | | HHSVMCB1 | 25 | 311100 J001 | 082 | | 1H |
| 073 | HIFI MGHT4 -H . MGRTN | | HMH.- | - | H018 | 041BS-38 | 18 | | | | HHSVMCB1 | 25 | 311100 J001 | 073 | | 1H |
| 083 | HIFI MGHT4 -H . SHD18 | | HMH.- | - | H018 | 041BS-38 | 18 | | | CS-H018 | HHSVMCB1 | 25 | 311100 J001 | 083 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 084 | HIFI MGHT5 -H . HT | | HMH.- | - | H019 | 041BS-38 | 19 | | | | HHSVMCB1 | 25 | 311100 J001 | 084 | 1H | 1H 1H |
| 074 | HIFI MGHT5 -H . HTRTN | | HMH.- | - | H019 | 041BS-38 | 19 | | | | HHSVMCB1 | 25 | 311100 J001 | 074 | | 1H |
| 085 | HIFI MGHT5 -H . MG | | HMH.- | - | H019 | 041BS-38 | 19 | | | | HHSVMCB1 | 25 | 311100 J001 | 085 | | 1H |
| 075 | HIFI MGHT5 -H . MGRTN | | HMH.- | - | H019 | 041BS-38 | 19 | | | | HHSVMCB1 | 25 | 311100 J001 | 075 | | 1H |
| 076 | HIFI MGHT5 -H . SHD19 | | HMH.- | - | H019 | 041BS-38 | 19 | | | CS-H019 | HHSVMCB1 | 25 | 311100 J001 | 076 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 052 | HIFI SIF D1 -H . SIF1 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHSVMCB1 | 25 | 311100 J001 | 052 | 1H | 1H |
| 063 | HIFI SIF D1 -H . SIF2 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHSVMCB1 | 25 | 311100 J001 | 063 | 1H | 1H |
| 051 | HIFI SIF D1 -H . SIF3 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHSVMCB1 | 25 | 311100 J001 | 051 | 1H | 1H |
| 062 | HIFI SIF D1 -H . TST | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHSVMCB1 | 25 | 311100 J001 | 062 | 1H | 1H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 211121 P016
Item: CVVUCR
Function / Bundle: SIH-XH-02**Conn.-Type:** 197-012P22-35SN (Plug)**Backshell:** G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 061 | HIFI SIF D1 -H . RTN1 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | HHSVMCB1 | 25 | 311100 J001 | 061 | 1H | 1H |
| 050 | HIFI SIF D1 -H . SHD31 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | CS-053-1 | | HHSVMCB1 | 25 | 311100 J001 | 050 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI SIF D1 -H . SIF5 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHSVMCB1 | 25 | 311100 J001 | 054 | 1H | 1H |
| 065 | HIFI SIF D1 -H . SIF6 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHSVMCB1 | 25 | 311100 J001 | 065 | 1H | 1H |
| 055 | HIFI SIF D1 -H . SIF7 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHSVMCB1 | 25 | 311100 J001 | 055 | 1H | 1H |
| 066 | HIFI SIF D1 -H . SIF4 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHSVMCB1 | 25 | 311100 J001 | 066 | 1H | 1H |
| 064 | HIFI SIF D1 -H . RTN2 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | HHSVMCB1 | 25 | 311100 J001 | 064 | 1H | 1H |
| 053 | HIFI SIF D1 -H . SHD32 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | CS-053-2 | | HHSVMCB1 | 25 | 311100 J001 | 053 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 059 | HIFI SIF G1 -H . GA | | H2G.- | - | H054 | 041SS-38 | 54 | | | | HHSVMCB1 | 25 | 311100 J001 | 059 | 1H | 1H |
| 048 | HIFI SIF G1 -H . ARTN | | H2G.- | - | H054 | 041SS-38 | 54 | | | | HHSVMCB1 | 25 | 311100 J001 | 048 | | |
| 060 | HIFI SIF G1 -H . GB | | H2G.- | - | H054 | 041SS-38 | 54 | | | | HHSVMCB1 | 25 | 311100 J001 | 060 | | |
| 049 | HIFI SIF G1 -H . BRTN | | H2G.- | - | H054 | 041SS-38 | 54 | | | | HHSVMCB1 | 25 | 311100 J001 | 049 | | |
| 047 | HIFI SIF G1 -H . SHD54 | | H2G.- | - | H054 | 041SS-38 | 54 | | CS-H034 | | HHSVMCB1 | 25 | 311100 J001 | 047 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI SIF D2 -H . SIF1 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHSVMCB1 | 25 | 311100 J001 | 030 | 1H | 1H |
| 041 | HIFI SIF D2 -H . SIF2 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHSVMCB1 | 25 | 311100 J001 | 041 | 1H | 1H |
| 042 | HIFI SIF D2 -H . SIF3 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHSVMCB1 | 25 | 311100 J001 | 042 | 1H | 1H |
| 031 | HIFI SIF D2 -H . TST | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHSVMCB1 | 25 | 311100 J001 | 031 | 1H | 1H |
| 040 | HIFI SIF D2 -H . RTN1 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | HHSVMCB1 | 25 | 311100 J001 | 040 | 1H | 1H |
| 029 | HIFI SIF D2 -H . SHD51 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | CS-055-1 | | HHSVMCB1 | 25 | 311100 J001 | 029 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 033 | HIFI SIF D2 -H . SIF5 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHSVMCB1 | 25 | 311100 J001 | 033 | 1H | 1H |
| 044 | HIFI SIF D2 -H . SIF6 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHSVMCB1 | 25 | 311100 J001 | 044 | 1H | 1H |
| 034 | HIFI SIF D2 -H . SIF7 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHSVMCB1 | 25 | 311100 J001 | 034 | 1H | 1H |
| 045 | HIFI SIF D2 -H . SIF4 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHSVMCB1 | 25 | 311100 J001 | 045 | 1H | 1H |
| 043 | HIFI SIF D2 -H . RTN2 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | HHSVMCB1 | 25 | 311100 J001 | 043 | 1H | 1H |
| 032 | HIFI SIF D2 -H . SHD52 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | CS-055-2 | | HHSVMCB1 | 25 | 311100 J001 | 032 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 038 | HIFI SIF G2 -H . GA | | H2G.- | - | H056 | 041SS-38 | 56 | | | | HHSVMCB1 | 25 | 311100 J001 | 038 | 1H | 1H |
| 027 | HIFI SIF G2 -H . ARTN | | H2G.- | - | H056 | 041SS-38 | 56 | | | | HHSVMCB1 | 25 | 311100 J001 | 027 | | |
| 025 | HIFI SIF G2 -H . GB | | H2G.- | - | H056 | 041SS-38 | 56 | | | | HHSVMCB1 | 25 | 311100 J001 | 025 | | |
| 028 | HIFI SIF G2 -H . BRTN | | H2G.- | - | H056 | 041SS-38 | 56 | | | | HHSVMCB1 | 25 | 311100 J001 | 028 | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 211121 P016

Function / Bundle: SIH-XH-02

Conn.-Type: 197-012P22-35SN (Plug)

Item: CVVUCR

Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-------------------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 037 | HIFI SIF G2 -H . SHD56 | | H2G.- | - | H056 | 041SS-38 | 56 | | | CS-H056 | HHSVMCB1 | 25 | 311100 J001 | 037 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI SIF D3 -H . SIF1 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHSVMCB1 | 25 | 311100 J001 | 012 | 1H | 1H |
| 021 | HIFI SIF D3 -H . SIF2 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHSVMCB1 | 25 | 311100 J001 | 021 | 1H | 1H |
| 011 | HIFI SIF D3 -H . SIF3 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHSVMCB1 | 25 | 311100 J001 | 011 | 1H | 1H |
| 020 | HIFI SIF D3 -H . TST | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHSVMCB1 | 25 | 311100 J001 | 020 | 1H | 1H |
| 019 | HIFI SIF D3 -H . RTN1 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | HHSVMCB1 | 25 | 311100 J001 | 019 | 1H | 1H |
| 010 | HIFI SIF D3 -H . SHD71 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | CS-057-1 | HHSVMCB1 | 25 | 311100 J001 | 010 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI SIF D3 -H . SIF5 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHSVMCB1 | 25 | 311100 J001 | 015 | 1H | 1H |
| 024 | HIFI SIF D3 -H . SIF6 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHSVMCB1 | 25 | 311100 J001 | 024 | 1H | 1H |
| 014 | HIFI SIF D3 -H . SIF7 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHSVMCB1 | 25 | 311100 J001 | 014 | 1H | 1H |
| 023 | HIFI SIF D3 -H . SIF4 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHSVMCB1 | 25 | 311100 J001 | 023 | 1H | 1H |
| 022 | HIFI SIF D3 -H . RTN2 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | HHSVMCB1 | 25 | 311100 J001 | 022 | 1H | 1H |
| 013 | HIFI SIF D3 -H . SHD72 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | CS-057-2 | HHSVMCB1 | 25 | 311100 J001 | 013 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF G3 -H . GA | | H2G.- | - | H058 | 041SS-38 | 58 | | | | HHSVMCB1 | 25 | 311100 J001 | 004 | 1H | 1H |
| 005 | HIFI SIF G3 -H . ARTN | | H2G.- | - | H058 | 041SS-38 | 58 | | | | HHSVMCB1 | 25 | 311100 J001 | 005 | | |
| 007 | HIFI SIF G3 -H . GB | | H2G.- | - | H058 | 041SS-38 | 58 | | | | HHSVMCB1 | 25 | 311100 J001 | 007 | | |
| 006 | HIFI SIF G3 -H . BRTN | | H2G.- | - | H058 | 041SS-38 | 58 | | | | HHSVMCB1 | 25 | 311100 J001 | 006 | | |
| 003 | HIFI SIF G3 -H . SHD58 | | H2G.- | - | H058 | 041SS-38 | 58 | | | CS-H058 | HHSVMCB1 | 25 | 311100 J001 | 003 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| - | 24 pins are NC | | | | | | | | | The following Pins are NC : | | | | | | |
| - | | | | | | | | | | ;001 ;002 ;008 ;009 ;016 ;017 | | | | | | |
| | | | | | | | | | | ;018 ;026 ;035 ;036 ;039 ;046 | | | | | | |
| | | | | | | | | | | ;056 ;057 ;058 ;067 ;068 ;077 | | | | | | |
| | | | | | | | | | | ;078 ;086 ;087 ;088 ;094 ;095 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 162 (of 474)

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Pin Allocation List

(Harness)

Connector: 311100 J001
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-02

Conn.-Type: SCC340104401B032235PN

Backshell: 440 FS 110 M 22 32

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|-------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 079 | HIFI MGHT1-H . HT | | HMH.- | - | H015 | 041BS-38 | 15 | | | | CVWUCR | 33 | 211121 P016 | 079 | 1H | 1H |
| 070 | HIFI MGHT1-H . HTRTN | | HMH.- | - | H015 | 041BS-38 | 15 | | | | CVWUCR | 33 | 211121 P016 | 070 | | |
| 080 | HIFI MGHT1-H . MG | | HMH.- | - | H015 | 041BS-38 | 15 | | | | CVWUCR | 33 | 211121 P016 | 080 | | |
| 071 | HIFI MGHT1-H . MGRTN | | HMH.- | - | H015 | 041BS-38 | 15 | | | | CVWUCR | 33 | 211121 P016 | 071 | | |
| 069 | HIFI MGHT1-H . SHD15 | | HMH.- | - | H015 | 041BS-38 | 15 | | | CS-H015 | CVWUCR | 33 | 211121 P016 | 069 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 097 | HIFI MGHT2 -H . HT | | HMH.- | - | H016 | 041BS-38 | 16 | | | | CVWUCR | 33 | 211121 P016 | 097 | 1H | 1H 1H |
| 089 | HIFI MGHT2 -H . HTRTN | | HMH.- | - | H016 | 041BS-38 | 16 | | | | CVWUCR | 33 | 211121 P016 | 089 | | 1H |
| 098 | HIFI MGHT2 -H . MG | | HMH.- | - | H016 | 041BS-38 | 16 | | | | CVWUCR | 33 | 211121 P016 | 098 | | 1H |
| 090 | HIFI MGHT2 -H . MGRTN | | HMH.- | - | H016 | 041BS-38 | 16 | | | | CVWUCR | 33 | 211121 P016 | 090 | | 1H |
| 096 | HIFI MGHT2 -H . SHD16 | | HMH.- | - | H016 | 041BS-38 | 16 | | | CS-H016 | CVWUCR | 33 | 211121 P016 | 096 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 099 | HIFI MGHT3 -H . HT | | HMH.- | - | H017 | 041BS-38 | 17 | | | | CVWUCR | 33 | 211121 P016 | 099 | 1H | 1H |
| 091 | HIFI MGHT3 -H . HTRTN | | HMH.- | - | H017 | 041BS-38 | 17 | | | | CVWUCR | 33 | 211121 P016 | 091 | | |
| 100 | HIFI MGHT3 -H . MG | | HMH.- | - | H017 | 041BS-38 | 17 | | | | CVWUCR | 33 | 211121 P016 | 100 | | |
| 092 | HIFI MGHT3 -H . MGRTN | | HMH.- | - | H017 | 041BS-38 | 17 | | | | CVWUCR | 33 | 211121 P016 | 092 | | |
| 093 | HIFI MGHT3 -H . SHD17 | | HMH.- | - | H017 | 041BS-38 | 17 | | | CS-H017 | CVWUCR | 33 | 211121 P016 | 093 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MGHT4 -H . HT | | HMH.- | - | H018 | 041BS-38 | 18 | | | | CVWUCR | 33 | 211121 P016 | 081 | 1H | 1H 1H |
| 072 | HIFI MGHT4 -H . HTRTN | | HMH.- | - | H018 | 041BS-38 | 18 | | | | CVWUCR | 33 | 211121 P016 | 072 | | 1H |
| 082 | HIFI MGHT4 -H . MG | | HMH.- | - | H018 | 041BS-38 | 18 | | | | CVWUCR | 33 | 211121 P016 | 082 | | 1H |
| 073 | HIFI MGHT4 -H . MGRTN | | HMH.- | - | H018 | 041BS-38 | 18 | | | | CVWUCR | 33 | 211121 P016 | 073 | | 1H |
| 083 | HIFI MGHT4 -H . SHD18 | | HMH.- | - | H018 | 041BS-38 | 18 | | | CS-H018 | CVWUCR | 33 | 211121 P016 | 083 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 084 | HIFI MGHT5 -H . HT | | HMH.- | - | H019 | 041BS-38 | 19 | | | | CVWUCR | 33 | 211121 P016 | 084 | 1H | 1H 1H |
| 074 | HIFI MGHT5 -H . HTRTN | | HMH.- | - | H019 | 041BS-38 | 19 | | | | CVWUCR | 33 | 211121 P016 | 074 | | 1H |
| 085 | HIFI MGHT5 -H . MG | | HMH.- | - | H019 | 041BS-38 | 19 | | | | CVWUCR | 33 | 211121 P016 | 085 | | 1H |
| 075 | HIFI MGHT5 -H . MGRTN | | HMH.- | - | H019 | 041BS-38 | 19 | | | | CVWUCR | 33 | 211121 P016 | 075 | | 1H |
| 076 | HIFI MGHT5 -H . SHD19 | | HMH.- | - | H019 | 041BS-38 | 19 | | | CS-H019 | CVWUCR | 33 | 211121 P016 | 076 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 052 | HIFI SIF D1 -H . SIF1 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | CVWUCR | 33 | 211121 P016 | 052 | 1H | 1H |
| 063 | HIFI SIF D1 -H . SIF2 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | CVWUCR | 33 | 211121 P016 | 063 | 1H | 1H |
| 051 | HIFI SIF D1 -H . SIF3 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | CVWUCR | 33 | 211121 P016 | 051 | 1H | 1H |
| 062 | HIFI SIF D1 -H . TST | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | CVWUCR | 33 | 211121 P016 | 062 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 311100 J001
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-02

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 32

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 061 | HIFI SIF D1 -H . RTN1 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | | | CVWUCR | 33 | 211121 P016 | 061 | 1H | 1H |
| 050 | HIFI SIF D1 -H . SHD31 | | H2D.- | - | H053 | 051BS-30 | 31 | 053-1 | CS-053-1 | | CVWUCR | 33 | 211121 P016 | 050 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI SIF D1 -H . SIF5 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | CVWUCR | 33 | 211121 P016 | 054 | 1H | 1H |
| 065 | HIFI SIF D1 -H . SIF6 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | CVWUCR | 33 | 211121 P016 | 065 | 1H | 1H |
| 055 | HIFI SIF D1 -H . SIF7 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | CVWUCR | 33 | 211121 P016 | 055 | 1H | 1H |
| 066 | HIFI SIF D1 -H . SIF4 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | CVWUCR | 33 | 211121 P016 | 066 | 1H | 1H |
| 064 | HIFI SIF D1 -H . RTN2 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | | | CVWUCR | 33 | 211121 P016 | 064 | 1H | 1H |
| 053 | HIFI SIF D1 -H . SHD32 | | H2D.- | - | H053 | 051BS-30 | 32 | 053-2 | CS-053-2 | | CVWUCR | 33 | 211121 P016 | 053 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 059 | HIFI SIF G1 -H . GA | | H2G.- | - | H054 | 041SS-38 | 54 | | | | CVWUCR | 33 | 211121 P016 | 059 | 1H | 1H |
| 048 | HIFI SIF G1 -H . ARTN | | H2G.- | - | H054 | 041SS-38 | 54 | | | | CVWUCR | 33 | 211121 P016 | 048 | | |
| 060 | HIFI SIF G1 -H . GB | | H2G.- | - | H054 | 041SS-38 | 54 | | | | CVWUCR | 33 | 211121 P016 | 060 | | |
| 049 | HIFI SIF G1 -H . BRTN | | H2G.- | - | H054 | 041SS-38 | 54 | | | | CVWUCR | 33 | 211121 P016 | 049 | | |
| 047 | HIFI SIF G1 -H . SHD54 | | H2G.- | - | H054 | 041SS-38 | 54 | | CS-H054 | | CVWUCR | 33 | 211121 P016 | 047 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI SIF D2 -H . SIF1 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | CVWUCR | 33 | 211121 P016 | 030 | 1H | 1H |
| 041 | HIFI SIF D2 -H . SIF2 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | CVWUCR | 33 | 211121 P016 | 041 | 1H | 1H |
| 042 | HIFI SIF D2 -H . SIF3 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | CVWUCR | 33 | 211121 P016 | 042 | 1H | 1H |
| 031 | HIFI SIF D2 -H . TST | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | CVWUCR | 33 | 211121 P016 | 031 | 1H | 1H |
| 040 | HIFI SIF D2 -H . RTN1 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | | | CVWUCR | 33 | 211121 P016 | 040 | 1H | 1H |
| 029 | HIFI SIF D2 -H . SHD51 | | H2D.- | - | H055 | 051BS-30 | 51 | 055-1 | CS-055-1 | | CVWUCR | 33 | 211121 P016 | 029 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 033 | HIFI SIF D2 -H . SIF5 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | CVWUCR | 33 | 211121 P016 | 033 | 1H | 1H |
| 044 | HIFI SIF D2 -H . SIF6 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | CVWUCR | 33 | 211121 P016 | 044 | 1H | 1H |
| 034 | HIFI SIF D2 -H . SIF7 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | CVWUCR | 33 | 211121 P016 | 034 | 1H | 1H |
| 045 | HIFI SIF D2 -H . SIF4 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | CVWUCR | 33 | 211121 P016 | 045 | 1H | 1H |
| 043 | HIFI SIF D2 -H . RTN2 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | | | CVWUCR | 33 | 211121 P016 | 043 | 1H | 1H |
| 032 | HIFI SIF D2 -H . SHD52 | | H2D.- | - | H055 | 051BS-30 | 52 | 055-2 | CS-055-2 | | CVWUCR | 33 | 211121 P016 | 032 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 038 | HIFI SIF G2 -H . GA | | H2G.- | - | H056 | 041SS-38 | 56 | | | | CVWUCR | 33 | 211121 P016 | 038 | 1H | 1H |
| 027 | HIFI SIF G2 -H . ARTN | | H2G.- | - | H056 | 041SS-38 | 56 | | | | CVWUCR | 33 | 211121 P016 | 027 | | |
| 025 | HIFI SIF G2 -H . GB | | H2G.- | - | H056 | 041SS-38 | 56 | | | | CVWUCR | 33 | 211121 P016 | 025 | | |
| 028 | HIFI SIF G2 -H . BRTN | | H2G.- | - | H056 | 041SS-38 | 56 | | | | CVWUCR | 33 | 211121 P016 | 028 | | |

Pin Allocation List (Harness)

Connector: 311100 J001
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-02

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 32

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 037 | HIFI SIF G2 -H . SHD56 | | H2G.- | - | H056 | 041SS-38 | 56 | | | CS-H056 | CVWUCR | 33 | 211121 P016 | 037 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI SIF D3 -H . SIF1 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | CVWUCR | 33 | 211121 P016 | 012 | 1H | 1H |
| 021 | HIFI SIF D3 -H . SIF2 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | CVWUCR | 33 | 211121 P016 | 021 | 1H | 1H |
| 011 | HIFI SIF D3 -H . SIF3 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | CVWUCR | 33 | 211121 P016 | 011 | 1H | 1H |
| 020 | HIFI SIF D3 -H . TST | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | CVWUCR | 33 | 211121 P016 | 020 | 1H | 1H |
| 019 | HIFI SIF D3 -H . RTN1 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | | CVWUCR | 33 | 211121 P016 | 019 | 1H | 1H |
| 010 | HIFI SIF D3 -H . SHD71 | | H2D.- | - | H057 | 051BS-30 | 71 | 057-1 | | CS-057-1 | CVWUCR | 33 | 211121 P016 | 010 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI SIF D3 -H . SIF5 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | CVWUCR | 33 | 211121 P016 | 015 | 1H | 1H |
| 024 | HIFI SIF D3 -H . SIF6 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | CVWUCR | 33 | 211121 P016 | 024 | 1H | 1H |
| 014 | HIFI SIF D3 -H . SIF7 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | CVWUCR | 33 | 211121 P016 | 014 | 1H | 1H |
| 023 | HIFI SIF D3 -H . SIF4 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | CVWUCR | 33 | 211121 P016 | 023 | 1H | 1H |
| 022 | HIFI SIF D3 -H . RTN2 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | | CVWUCR | 33 | 211121 P016 | 022 | 1H | 1H |
| 013 | HIFI SIF D3 -H . SHD72 | | H2D.- | - | H057 | 051BS-30 | 72 | 057-2 | | CS057-2 | CVWUCR | 33 | 211121 P016 | 013 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF G3 -H . GA | | H2G.- | - | H058 | 041SS-38 | 58 | | | | CVWUCR | 33 | 211121 P016 | 004 | 1H | 1H |
| 005 | HIFI SIF G3 -H . ARTN | | H2G.- | - | H058 | 041SS-38 | 58 | | | | CVWUCR | 33 | 211121 P016 | 005 | | |
| 007 | HIFI SIF G3 -H . GB | | H2G.- | - | H058 | 041SS-38 | 58 | | | | CVWUCR | 33 | 211121 P016 | 007 | | |
| 006 | HIFI SIF G3 -H . BRTN | | H2G.- | - | H058 | 041SS-38 | 58 | | | | CVWUCR | 33 | 211121 P016 | 006 | | |
| 003 | HIFI SIF G3 -H . SHD58 | | H2G.- | - | H058 | 041SS-38 | 58 | | | CS-H058 | CVWUCR | 33 | 211121 P016 | 003 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| - | 24 pins are NC | | | | | | | | | The following Pins are NC : | | | | | | |
| - | | | | | | | | | | ;001 ;002 ;008 ;009 ;016 ;017 ;018 ;026 ;035 ;036 ;039 ;046 ;056 ;057 ;058 ;067 ;068 ;077 ;078 ;086 ;087 ;088 ;094 ;095 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1

Date : 16.12.2005

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Pin Allocation List

(Harness)

Connector: 211121 P019
Item: CVVUCR

Function / Bundle: SIH-XH-03

Conn.-Type: 197-012P22-35SN (Plug)

Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 096 | HIFI MX1-V . B | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHSVMCB1 | 25 | 311100 J004 | 096 | 1H | 1H |
| 097 | HIFI MX1-V . VM | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHSVMCB1 | 25 | 311100 J004 | 097 | | |
| 090 | HIFI MX1-V . IM | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHSVMCB1 | 25 | 311100 J004 | 090 | | |
| 088 | HIFI MX1-V . BRTN | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHSVMCB1 | 25 | 311100 J004 | 088 | | |
| 089 | HIFI MX1-V . VMRTN | | HMX.- | - | H008 | 051SS-38 | 8 | | | | HHSVMCB1 | 25 | 311100 J004 | 089 | | |
| 095 | HIFI MX1-V . SHD08 | | HMX.- | - | H008 | 051SS-38 | 8 | | CS-H008 | | HHSVMCB1 | 25 | 311100 J004 | 095 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 091 | HIFI MX2-V . B | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHSVMCB1 | 25 | 311100 J004 | 091 | 1H | 1H |
| 099 | HIFI MX2-V . VM | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHSVMCB1 | 25 | 311100 J004 | 099 | | |
| 100 | HIFI MX2-V . IM | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHSVMCB1 | 25 | 311100 J004 | 100 | | |
| 092 | HIFI MX2-V . BRTN | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHSVMCB1 | 25 | 311100 J004 | 092 | | |
| 093 | HIFI MX2-V . VMRTN | | HMX.- | - | H009 | 051SS-38 | 9 | | | | HHSVMCB1 | 25 | 311100 J004 | 093 | | |
| 098 | HIFI MX2-V . SHD09 | | HMX.- | - | H009 | 051SS-38 | 9 | | CS-H009 | | HHSVMCB1 | 25 | 311100 J004 | 098 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 069 | HIFI MX3-V . B | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHSVMCB1 | 25 | 311100 J004 | 069 | 1H | 1H |
| 070 | HIFI MX3-V . VM | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHSVMCB1 | 25 | 311100 J004 | 070 | | |
| 079 | HIFI MX3-V . IM | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHSVMCB1 | 25 | 311100 J004 | 079 | | |
| 068 | HIFI MX3-V . BRTN | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHSVMCB1 | 25 | 311100 J004 | 068 | | |
| 078 | HIFI MX3-V . VMRTN | | HMX.- | - | H010 | 051SS-38 | 10 | | | | HHSVMCB1 | 25 | 311100 J004 | 078 | | |
| 087 | HIFI MX3-V . SHD10 | | HMX.- | - | H010 | 051SS-38 | 10 | | CS-H010 | | HHSVMCB1 | 25 | 311100 J004 | 087 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MX4-V . B | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHSVMCB1 | 25 | 311100 J004 | 081 | 1H | 1H |
| 072 | HIFI MX4-V . VM | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHSVMCB1 | 25 | 311100 J004 | 072 | | |
| 073 | HIFI MX4-V . IM | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHSVMCB1 | 25 | 311100 J004 | 073 | | |
| 080 | HIFI MX4-V . BRTN | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHSVMCB1 | 25 | 311100 J004 | 080 | | |
| 082 | HIFI MX4-V . VMRTN | | HMX.- | - | H011 | 051SS-38 | 11 | | | | HHSVMCB1 | 25 | 311100 J004 | 082 | | |
| 071 | HIFI MX4-V . SHD11 | | HMX.- | - | H011 | 051SS-38 | 11 | | CS-H011 | | HHSVMCB1 | 25 | 311100 J004 | 071 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 076 | HIFI MX5-V . B | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHSVMCB1 | 25 | 311100 J004 | 076 | 1H | 1H |
| 084 | HIFI MX5-V . VM | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHSVMCB1 | 25 | 311100 J004 | 084 | | |
| 085 | HIFI MX5-V . IM | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHSVMCB1 | 25 | 311100 J004 | 085 | | |
| 075 | HIFI MX5-V . BRTN | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHSVMCB1 | 25 | 311100 J004 | 075 | | |
| 074 | HIFI MX5-V . VMRTN | | HMX.- | - | H012 | 051SS-38 | 12 | | | | HHSVMCB1 | 25 | 311100 J004 | 074 | | |
| 083 | HIFI MX5-V . SHD12 | | HMX.- | - | H012 | 051SS-38 | 12 | | CS-H012 | | HHSVMCB1 | 25 | 311100 J004 | 083 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 211121 P019
Item: CVVUCR

Function / Bundle: SIH-XH-03

Conn.-Type: 197-012P22-35SN (Plug)
Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | |
| 054 | HIFI MX6-V . B | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHSVMCB1 | 25 | 311100 J004 | 054 | 1H 1H |
| 055 | HIFI MX6-V . VM | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHSVMCB1 | 25 | 311100 J004 | 055 | |
| 064 | HIFI MX6-V . IM | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHSVMCB1 | 25 | 311100 J004 | 064 | |
| 065 | HIFI MX6-V . BRTN | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHSVMCB1 | 25 | 311100 J004 | 065 | |
| 066 | HIFI MX6-V . VMRTN | | HMX.- | - | H013 | 051SS-38 | 13 | | | | HHSVMCB1 | 25 | 311100 J004 | 066 | |
| 053 | HIFI MX6-V . SHD13 | | HMX.- | - | H013 | 051SS-38 | 13 | | CS-H013 | | HHSVMCB1 | 25 | 311100 J004 | 053 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 051 | HIFI MX7-V . B | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHSVMCB1 | 25 | 311100 J004 | 051 | 1H 1H |
| 052 | HIFI MX7-V . VM | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHSVMCB1 | 25 | 311100 J004 | 052 | |
| 061 | HIFI MX7-V . IM | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHSVMCB1 | 25 | 311100 J004 | 061 | |
| 062 | HIFI MX7-V . BRTN | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHSVMCB1 | 25 | 311100 J004 | 062 | |
| 063 | HIFI MX7-V . VMRTN | | HMX.- | - | H014 | 051SS-38 | 14 | | | | HHSVMCB1 | 25 | 311100 J004 | 063 | |
| 050 | HIFI MX7-V . SHD14 | | HMX.- | - | H014 | 051SS-38 | 14 | | CS-H014 | | HHSVMCB1 | 25 | 311100 J004 | 050 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 048 | HIFI FIF1 D -V . D1 | | H1D.- | - | H039 | 041BS-30 | 39 | | | | HHSVMCB1 | 25 | 311100 J004 | 048 | 1H 1H |
| 049 | HIFI FIF1 D -V . D2 | | H1D.- | - | H039 | 041BS-30 | 39 | | | | HHSVMCB1 | 25 | 311100 J004 | 049 | |
| 059 | HIFI FIF1 D -V . TST | | H1D.- | - | H039 | 041BS-30 | 39 | | | | HHSVMCB1 | 25 | 311100 J004 | 059 | |
| 060 | HIFI FIF1 D -V . DRTN | | H1D.- | - | H039 | 041BS-30 | 39 | | | | HHSVMCB1 | 25 | 311100 J004 | 060 | |
| 058 | HIFI FIF1 D -V . SHD39 | | H1D.- | - | H039 | 041BS-30 | 39 | | CS-H039 | | HHSVMCB1 | 25 | 311100 J004 | 058 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 025 | HIFI FIF1 G -V . G1 | | H1G.- | - | H040 | 031SS-38 | 40 | | | | HHSVMCB1 | 25 | 311100 J004 | 025 | 1H 1H |
| 036 | HIFI FIF1 G -V . G2 | | H1G.- | - | H040 | 031SS-38 | 40 | | | | HHSVMCB1 | 25 | 311100 J004 | 036 | |
| 035 | HIFI FIF1 G -V . GRTN | | H1G.- | - | H040 | 031SS-38 | 40 | | | | HHSVMCB1 | 25 | 311100 J004 | 035 | |
| 016 | HIFI FIF1 G -V . SHD40 | | H1G.- | - | H040 | 031SS-38 | 40 | | CS-H040 | | HHSVMCB1 | 25 | 311100 J004 | 016 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 034 | HIFI FIF2 D -V . D1 | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | HHSVMCB1 | 25 | 311100 J004 | 034 | 1H 1H |
| 045 | HIFI FIF2 D -V . D2 | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | HHSVMCB1 | 25 | 311100 J004 | 045 | |
| 044 | HIFI FIF2 D -V . DRTN | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | HHSVMCB1 | 25 | 311100 J004 | 044 | |
| 033 | HIFI FIF2 D -V . SHD41 | | H1D.1 | - | H041 | 031BS-30 | 41 | | CS-H041 | | HHSVMCB1 | 25 | 311100 J004 | 033 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 042 | HIFI FIF2 G -V . G1 | | H1G.- | - | H042 | 031SS-38 | 42 | | | | HHSVMCB1 | 25 | 311100 J004 | 042 | 1H 1H |
| 043 | HIFI FIF2 G -V . G2 | | H1G.- | - | H042 | 031SS-38 | 42 | | | | HHSVMCB1 | 25 | 311100 J004 | 043 | |
| 032 | HIFI FIF2 G -V . GRTN | | H1G.- | - | H042 | 031SS-38 | 42 | | | | HHSVMCB1 | 25 | 311100 J004 | 032 | |

Pin Allocation List

(Harness)

Connector: 211121 P019
Item: CVVUCR

Function / Bundle: SIH-XH-03

Conn.-Type: 197-012P22-35SN (Plug)
Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 031 | HIFI FIF2 G -V . SHD42 | | H1G.- | - | H042 | 031SS-38 | 42 | | | CS-H042 | HHSVMCB1 | 25 | 311100 J004 | 031 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI FIF3 D -V . D1 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | HHSVMCB1 | 25 | 311100 J004 | 030 | 1H | 1H |
| 041 | HIFI FIF3 D -V . D2 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | HHSVMCB1 | 25 | 311100 J004 | 041 | | |
| 040 | HIFI FIF3 D -V . DRTN | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | HHSVMCB1 | 25 | 311100 J004 | 040 | | |
| 029 | HIFI FIF3 D -V . SHD43 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | CS-H043 | HHSVMCB1 | 25 | 311100 J004 | 029 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 028 | HIFI FIF3 G -V . G1 | | H1G.- | - | H044 | 031SS-38 | 44 | | | | HHSVMCB1 | 25 | 311100 J004 | 028 | 1H | 1H |
| 039 | HIFI FIF3 G -V . G2 | | H1G.- | - | H044 | 031SS-38 | 44 | | | | HHSVMCB1 | 25 | 311100 J004 | 039 | | |
| 038 | HIFI FIF3 G -V . GRTN | | H1G.- | - | H044 | 031SS-38 | 44 | | | | HHSVMCB1 | 25 | 311100 J004 | 038 | | |
| 027 | HIFI FIF3 G -V . SHD44 | | H1G.- | - | H044 | 031SS-38 | 44 | | | CS-H044 | HHSVMCB1 | 25 | 311100 J004 | 027 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 014 | HIFI FIF4 D -V . D1 | | H1D.- | - | H045 | 041BS-30 | 45 | | | | HHSVMCB1 | 25 | 311100 J004 | 014 | 1H | 1H |
| 015 | HIFI FIF4 D -V . D2 | | H1D.- | - | H045 | 041BS-30 | 45 | | | | HHSVMCB1 | 25 | 311100 J004 | 015 | | |
| 023 | HIFI FIF4 D -V . TST | | H1D.- | - | H045 | 041BS-30 | 45 | | | | HHSVMCB1 | 25 | 311100 J004 | 023 | | |
| 024 | HIFI FIF4 D -V . DRTN | | H1D.- | - | H045 | 041BS-30 | 45 | | | | HHSVMCB1 | 25 | 311100 J004 | 024 | | |
| 022 | HIFI FIF4 D -V . SHD45 | | H1D.- | - | H045 | 041BS-30 | 45 | | | CS-H045 | HHSVMCB1 | 25 | 311100 J004 | 022 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI FIF4 G -V . G1 | | H1G.- | - | H046 | 031SS-38 | 46 | | | | HHSVMCB1 | 25 | 311100 J004 | 012 | 1H | 1H |
| 013 | HIFI FIF4 G -V . G2 | | H1G.- | - | H046 | 031SS-38 | 46 | | | | HHSVMCB1 | 25 | 311100 J004 | 013 | | |
| 021 | HIFI FIF4 G -V . GRTN | | H1G.- | - | H046 | 031SS-38 | 46 | | | | HHSVMCB1 | 25 | 311100 J004 | 021 | | |
| 020 | HIFI FIF4 G -V . SHD46 | | H1G.- | - | H046 | 031SS-38 | 46 | | | CS-H046 | HHSVMCB1 | 25 | 311100 J004 | 020 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 017 | HIFI FIF5 D -V . D1 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | HHSVMCB1 | 25 | 311100 J004 | 017 | 1H | 1H |
| 037 | HIFI FIF5 D -V . D2 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | HHSVMCB1 | 25 | 311100 J004 | 037 | | |
| 026 | HIFI FIF5 D -V . DRTN | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | HHSVMCB1 | 25 | 311100 J004 | 026 | | |
| 009 | HIFI FIF5 D -V . SHD47 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | CS-H047 | HHSVMCB1 | 25 | 311100 J004 | 009 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 010 | HIFI FIF5 G -V . G1 | | H1G.- | - | H048 | 031SS-38 | 48 | | | | HHSVMCB1 | 25 | 311100 J004 | 010 | 1H | 1H |
| 019 | HIFI FIF5 G -V . G2 | | H1G.- | - | H048 | 031SS-38 | 48 | | | | HHSVMCB1 | 25 | 311100 J004 | 019 | | |
| 011 | HIFI FIF5 G -V . GRTN | | H1G.- | - | H048 | 031SS-38 | 48 | | | | HHSVMCB1 | 25 | 311100 J004 | 011 | | |
| 018 | HIFI FIF5 G -V . SHD48 | | H1G.- | - | H048 | 031SS-38 | 48 | | | CS-H048 | HHSVMCB1 | 25 | 311100 J004 | 018 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 001 | HIFI FIF6 D -V . D1 | | H1D.1 | - | H049 | 031BS-30 | 49 | | | | HHSVMCB1 | 25 | 311100 J004 | 001 | 1H | 1H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 211121 P019

Function / Bundle: SIH-XH-03

Conn.-Type: 197-012P22-35SN (Plug)

Item: CVVUCR

Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI FIF6 D -V . D2 | | H1D.1 - | | H049 | 031BS-30 | 49 | | | | HHSVMCB1 | 25 | 311100 J004 | 002 | |
| 003 | HIFI FIF6 D -V . DRTN | | H1D.1 - | | H049 | 031BS-30 | 49 | | | | HHSVMCB1 | 25 | 311100 J004 | 003 | |
| 008 | HIFI FIF6 D -V . SHD49 | | H1D.1 - | | H049 | 031BS-30 | 49 | | CS-H049 | | HHSVMCB1 | 25 | 311100 J004 | 008 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI FIF6 G -V . G1 | | H1G.- - | | H050 | 031SS-38 | 50 | | | | HHSVMCB1 | 25 | 311100 J004 | 004 | 1H 1H |
| 005 | HIFI FIF6 G -V . G2 | | H1G.- - | | H050 | 031SS-38 | 50 | | | | HHSVMCB1 | 25 | 311100 J004 | 005 | |
| 006 | HIFI FIF6 G -V . GRTN | | H1G.- - | | H050 | 031SS-38 | 50 | | | | HHSVMCB1 | 25 | 311100 J004 | 006 | |
| 007 | HIFI FIF6 G -V . SHD50 | | H1G.- - | | H050 | 031SS-38 | 50 | | CS-H050 | | HHSVMCB1 | 25 | 311100 J004 | 007 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 056 | HIFI FIF7 D -V . D1 | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | HHSVMCB1 | 25 | 311100 J004 | 056 | 1H 1H |
| 057 | HIFI FIF7 D -V . D2 | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | HHSVMCB1 | 25 | 311100 J004 | 057 | |
| 046 | HIFI FIF7 D -V . DRTN | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | HHSVMCB1 | 25 | 311100 J004 | 046 | |
| 047 | HIFI FIF7 D -V . SHD51 | | H1D.1 - | | H051 | 031BS-30 | 51 | | CS-H051 | | HHSVMCB1 | 25 | 311100 J004 | 047 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 077 | HIFI FIF7 G -V . G1 | | H1G.- - | | H052 | 031SS-38 | 52 | | | | HHSVMCB1 | 25 | 311100 J004 | 077 | 1H 1H |
| 086 | HIFI FIF7 G -V . G2 | | H1G.- - | | H052 | 031SS-38 | 52 | | | | HHSVMCB1 | 25 | 311100 J004 | 086 | |
| 094 | HIFI FIF7 G -V . GRTN | | H1G.- - | | H052 | 031SS-38 | 52 | | | | HHSVMCB1 | 25 | 311100 J004 | 094 | |
| 067 | HIFI FIF7 G -V . SHD52 | | H1G.- - | | H052 | 031SS-38 | 52 | | CS-H052 | | HHSVMCB1 | 25 | 311100 J004 | 067 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Pin Allocation List

(Harness)

Connector: 311100 J004
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-03

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 096 | HIFI MX1-V . B | | HMX.- - | | H008 | 051SS-38 | 8 | | | | CVWUCR | 33 | 211121 P019 | 096 | 1H | 1H |
| 097 | HIFI MX1-V . VM | | HMX.- - | | H008 | 051SS-38 | 8 | | | | CVWUCR | 33 | 211121 P019 | 097 | | |
| 090 | HIFI MX1-V . IM | | HMX.- - | | H008 | 051SS-38 | 8 | | | | CVWUCR | 33 | 211121 P019 | 090 | | |
| 088 | HIFI MX1-V . BRTN | | HMX.- - | | H008 | 051SS-38 | 8 | | | | CVWUCR | 33 | 211121 P019 | 088 | | |
| 089 | HIFI MX1-V . VMRTN | | HMX.- - | | H008 | 051SS-38 | 8 | | | | CVWUCR | 33 | 211121 P019 | 089 | | |
| 095 | HIFI MX1-V . SHD08 | | HMX.- - | | H008 | 051SS-38 | 8 | | CS-H008 | | CVWUCR | 33 | 211121 P019 | 095 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 091 | HIFI MX2-V . B | | HMX.- - | | H009 | 051SS-38 | 9 | | | | CVWUCR | 33 | 211121 P019 | 091 | 1H | 1H |
| 099 | HIFI MX2-V . VM | | HMX.- - | | H009 | 051SS-38 | 9 | | | | CVWUCR | 33 | 211121 P019 | 099 | | |
| 100 | HIFI MX2-V . IM | | HMX.- - | | H009 | 051SS-38 | 9 | | | | CVWUCR | 33 | 211121 P019 | 100 | | |
| 092 | HIFI MX2-V . BRTN | | HMX.- - | | H009 | 051SS-38 | 9 | | | | CVWUCR | 33 | 211121 P019 | 092 | | |
| 093 | HIFI MX2-V . VMRTN | | HMX.- - | | H009 | 051SS-38 | 9 | | | | CVWUCR | 33 | 211121 P019 | 093 | | |
| 098 | HIFI MX2-V . SHD09 | | HMX.- - | | H009 | 051SS-38 | 9 | | CS-H009 | | CVWUCR | 33 | 211121 P019 | 098 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 069 | HIFI MX3-V . B | | HMX.- - | | H010 | 051SS-38 | 10 | | | | CVWUCR | 33 | 211121 P019 | 069 | 1H | 1H |
| 070 | HIFI MX3-V . VM | | HMX.- - | | H010 | 051SS-38 | 10 | | | | CVWUCR | 33 | 211121 P019 | 070 | | |
| 079 | HIFI MX3-V . IM | | HMX.- - | | H010 | 051SS-38 | 10 | | | | CVWUCR | 33 | 211121 P019 | 079 | | |
| 068 | HIFI MX3-V . BRTN | | HMX.- - | | H010 | 051SS-38 | 10 | | | | CVWUCR | 33 | 211121 P019 | 068 | | |
| 078 | HIFI MX3-V . VMRTN | | HMX.- - | | H010 | 051SS-38 | 10 | | | | CVWUCR | 33 | 211121 P019 | 078 | | |
| 087 | HIFI MX3-V . SHD10 | | HMX.- - | | H010 | 051SS-38 | 10 | | CS-H010 | | CVWUCR | 33 | 211121 P019 | 087 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MX4-V . B | | HMX.- - | | H011 | 051SS-38 | 11 | | | | CVWUCR | 33 | 211121 P019 | 081 | 1H | 1H |
| 072 | HIFI MX4-V . VM | | HMX.- - | | H011 | 051SS-38 | 11 | | | | CVWUCR | 33 | 211121 P019 | 072 | | |
| 073 | HIFI MX4-V . IM | | HMX.- - | | H011 | 051SS-38 | 11 | | | | CVWUCR | 33 | 211121 P019 | 073 | | |
| 080 | HIFI MX4-V . BRTN | | HMX.- - | | H011 | 051SS-38 | 11 | | | | CVWUCR | 33 | 211121 P019 | 080 | | |
| 082 | HIFI MX4-V . VMRTN | | HMX.- - | | H011 | 051SS-38 | 11 | | | | CVWUCR | 33 | 211121 P019 | 082 | | |
| 071 | HIFI MX4-V . SHD11 | | HMX.- - | | H011 | 051SS-38 | 11 | | CS-H011 | | CVWUCR | 33 | 211121 P019 | 071 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 076 | HIFI MX5-V . B | | HMX.- - | | H012 | 051SS-38 | 12 | | | | CVWUCR | 33 | 211121 P019 | 076 | 1H | 1H |
| 084 | HIFI MX5-V . VM | | HMX.- - | | H012 | 051SS-38 | 12 | | | | CVWUCR | 33 | 211121 P019 | 084 | | |
| 085 | HIFI MX5-V . IM | | HMX.- - | | H012 | 051SS-38 | 12 | | | | CVWUCR | 33 | 211121 P019 | 085 | | |
| 075 | HIFI MX5-V . BRTN | | HMX.- - | | H012 | 051SS-38 | 12 | | | | CVWUCR | 33 | 211121 P019 | 075 | | |
| 074 | HIFI MX5-V . VMRTN | | HMX.- - | | H012 | 051SS-38 | 12 | | | | CVWUCR | 33 | 211121 P019 | 074 | | |
| 083 | HIFI MX5-V . SHD12 | | HMX.- - | | H012 | 051SS-38 | 12 | | CS-H012 | | CVWUCR | 33 | 211121 P019 | 083 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 311100 J004
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-03

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI MX6-V . B | | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVWUCR | 33 | 211121 P019 | 054 | 1H | 1H |
| 055 | HIFI MX6-V . VM | | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVWUCR | 33 | 211121 P019 | 055 | | |
| 064 | HIFI MX6-V . IM | | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVWUCR | 33 | 211121 P019 | 064 | | |
| 065 | HIFI MX6-V . BRTN | | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVWUCR | 33 | 211121 P019 | 065 | | |
| 066 | HIFI MX6-V . VMRTN | | HMX.- | - | H013 | 051SS-38 | 13 | | | | CVWUCR | 33 | 211121 P019 | 066 | | |
| 053 | HIFI MX6-V . SHD13 | | HMX.- | - | H013 | 051SS-38 | 13 | | CS-H013 | | CVWUCR | 33 | 211121 P019 | 053 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 051 | HIFI MX7-V . B | | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVWUCR | 33 | 211121 P019 | 051 | 1H | 1H |
| 052 | HIFI MX7-V . VM | | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVWUCR | 33 | 211121 P019 | 052 | | |
| 061 | HIFI MX7-V . IM | | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVWUCR | 33 | 211121 P019 | 061 | | |
| 062 | HIFI MX7-V . BRTN | | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVWUCR | 33 | 211121 P019 | 062 | | |
| 063 | HIFI MX7-V . VMRTN | | HMX.- | - | H014 | 051SS-38 | 14 | | | | CVWUCR | 33 | 211121 P019 | 063 | | |
| 050 | HIFI MX7-V . SHD14 | | HMX.- | - | H014 | 051SS-38 | 14 | | CS-H014 | | CVWUCR | 33 | 211121 P019 | 050 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 048 | HIFI FIF1 D -V . D1 | | H1D.- | - | H039 | 041BS-30 | 39 | | | | CVWUCR | 33 | 211121 P019 | 048 | 1H | 1H |
| 049 | HIFI FIF1 D -V . D2 | | H1D.- | - | H039 | 041BS-30 | 39 | | | | CVWUCR | 33 | 211121 P019 | 049 | | |
| 059 | HIFI FIF1 D -V . TST | | H1D.- | - | H039 | 041BS-30 | 39 | | | | CVWUCR | 33 | 211121 P019 | 059 | | |
| 060 | HIFI FIF1 D -V . DRTN | | H1D.- | - | H039 | 041BS-30 | 39 | | | | CVWUCR | 33 | 211121 P019 | 060 | | |
| 058 | HIFI FIF1 D -V . SHD39 | | H1D.- | - | H039 | 041BS-30 | 39 | | CS-H039 | | CVWUCR | 33 | 211121 P019 | 058 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 025 | HIFI FIF1 G -V . G1 | | H1G.- | - | H040 | 031SS-38 | 40 | | | | CVWUCR | 33 | 211121 P019 | 025 | 1H | 1H |
| 036 | HIFI FIF1 G -V . G2 | | H1G.- | - | H040 | 031SS-38 | 40 | | | | CVWUCR | 33 | 211121 P019 | 036 | | |
| 035 | HIFI FIF1 G -V . GRN | | H1G.- | - | H040 | 031SS-38 | 40 | | | | CVWUCR | 33 | 211121 P019 | 035 | | |
| 016 | HIFI FIF1 G -V . SHD40 | | H1G.- | - | H040 | 031SS-38 | 40 | | CS-H040 | | CVWUCR | 33 | 211121 P019 | 016 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 034 | HIFI FIF2 D -V . D1 | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | CVWUCR | 33 | 211121 P019 | 034 | 1H | 1H |
| 045 | HIFI FIF2 D -V . D2 | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | CVWUCR | 33 | 211121 P019 | 045 | | |
| 044 | HIFI FIF2 D -V . DRTN | | H1D.1 | - | H041 | 031BS-30 | 41 | | | | CVWUCR | 33 | 211121 P019 | 044 | | |
| 033 | HIFI FIF2 D -V . SHD41 | | H1D.1 | - | H041 | 031BS-30 | 41 | | CS-H041 | | CVWUCR | 33 | 211121 P019 | 033 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 042 | HIFI FIF2 G -V . G1 | | H1G.- | - | H042 | 031SS-38 | 42 | | | | CVWUCR | 33 | 211121 P019 | 042 | 1H | 1H |
| 043 | HIFI FIF2 G -V . G2 | | H1G.- | - | H042 | 031SS-38 | 42 | | | | CVWUCR | 33 | 211121 P019 | 043 | | |
| 032 | HIFI FIF2 G -V . GRN | | H1G.- | - | H042 | 031SS-38 | 42 | | | | CVWUCR | 33 | 211121 P019 | 032 | | |

Pin Allocation List

(Harness)

Connector: 311100 J004
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-03

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 031 | HIFI FIF2 G -V . SHD42 | | H1G.- | - | H042 | 031SS-38 | 42 | | | CS-H042 | CVVUCR | 33 | 211121 P019 | 031 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI FIF3 D -V . D1 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | CVVUCR | 33 | 211121 P019 | 030 | 1H | 1H |
| 041 | HIFI FIF3 D -V . D2 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | CVVUCR | 33 | 211121 P019 | 041 | | |
| 040 | HIFI FIF3 D -V . DRTN | | H1D.1 | - | H043 | 031BS-30 | 43 | | | | CVVUCR | 33 | 211121 P019 | 040 | | |
| 029 | HIFI FIF3 D -V . SHD43 | | H1D.1 | - | H043 | 031BS-30 | 43 | | | CS-H043 | CVVUCR | 33 | 211121 P019 | 029 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 028 | HIFI FIF3 G -V . G1 | | H1G.- | - | H044 | 031SS-38 | 44 | | | | CVVUCR | 33 | 211121 P019 | 028 | 1H | 1H |
| 039 | HIFI FIF3 G -V . G2 | | H1G.- | - | H044 | 031SS-38 | 44 | | | | CVVUCR | 33 | 211121 P019 | 039 | | |
| 038 | HIFI FIF3 G -V . GRTN | | H1G.- | - | H044 | 031SS-38 | 44 | | | | CVVUCR | 33 | 211121 P019 | 038 | | |
| 027 | HIFI FIF3 G -V . SHD44 | | H1G.- | - | H044 | 031SS-38 | 44 | | | CS-H044 | CVVUCR | 33 | 211121 P019 | 027 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 014 | HIFI FIF4 D -V . D1 | | H1D.- | - | H045 | 041BS-30 | 45 | | | | CVVUCR | 33 | 211121 P019 | 014 | 1H | 1H |
| 015 | HIFI FIF4 D -V . D2 | | H1D.- | - | H045 | 041BS-30 | 45 | | | | CVVUCR | 33 | 211121 P019 | 015 | | |
| 023 | HIFI FIF4 D -V . TST | | H1D.- | - | H045 | 041BS-30 | 45 | | | | CVVUCR | 33 | 211121 P019 | 023 | | |
| 024 | HIFI FIF4 D -V . DRTN | | H1D.- | - | H045 | 041BS-30 | 45 | | | | CVVUCR | 33 | 211121 P019 | 024 | | |
| 022 | HIFI FIF4 D -V . SHD45 | | H1D.- | - | H045 | 041BS-30 | 45 | | | CS-H045 | CVVUCR | 33 | 211121 P019 | 022 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI FIF4 G -V . G1 | | H1G.- | - | H046 | 031SS-38 | 46 | | | | CVVUCR | 33 | 211121 P019 | 012 | 1H | 1H |
| 013 | HIFI FIF4 G -V . G2 | | H1G.- | - | H046 | 031SS-38 | 46 | | | | CVVUCR | 33 | 211121 P019 | 013 | | |
| 021 | HIFI FIF4 G -V . GRTN | | H1G.- | - | H046 | 031SS-38 | 46 | | | | CVVUCR | 33 | 211121 P019 | 021 | | |
| 020 | HIFI FIF4 G -V . SHD46 | | H1G.- | - | H046 | 031SS-38 | 46 | | | CS-H046 | CVVUCR | 33 | 211121 P019 | 020 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 017 | HIFI FIF5 D -V . D1 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | CVVUCR | 33 | 211121 P019 | 017 | 1H | 1H |
| 037 | HIFI FIF5 D -V . D2 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | CVVUCR | 33 | 211121 P019 | 037 | | |
| 026 | HIFI FIF5 D -V . DRTN | | H1D.1 | - | H047 | 031BS-30 | 47 | | | | CVVUCR | 33 | 211121 P019 | 026 | | |
| 009 | HIFI FIF5 D -V . SHD47 | | H1D.1 | - | H047 | 031BS-30 | 47 | | | CS-H047 | CVVUCR | 33 | 211121 P019 | 009 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 010 | HIFI FIF5 G -V . G1 | | H1G.- | - | H048 | 031SS-38 | 48 | | | | CVVUCR | 33 | 211121 P019 | 010 | 1H | 1H |
| 019 | HIFI FIF5 G -V . G2 | | H1G.- | - | H048 | 031SS-38 | 48 | | | | CVVUCR | 33 | 211121 P019 | 019 | | |
| 011 | HIFI FIF5 G -V . GRTN | | H1G.- | - | H048 | 031SS-38 | 48 | | | | CVVUCR | 33 | 211121 P019 | 011 | | |
| 018 | HIFI FIF5 G -V . SHD48 | | H1G.- | - | H048 | 031SS-38 | 48 | | | CS-H048 | CVVUCR | 33 | 211121 P019 | 018 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 001 | HIFI FIF6 D -V . D1 | | H1D.1 | - | H049 | 031BS-30 | 49 | | | | CVVUCR | 33 | 211121 P019 | 001 | 1H | 1H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 311100 J004
Item: HHSVMCB1
Function / Bundle: HIFI SVM SIH-XH-03
Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI FIF6 D -V . D2 | | H1D.1 - | | H049 | 031BS-30 | 49 | | | | CVWUCR | 33 | 211121 P019 | 002 | |
| 003 | HIFI FIF6 D -V . DRTN | | H1D.1 - | | H049 | 031BS-30 | 49 | | | | CVWUCR | 33 | 211121 P019 | 003 | |
| 008 | HIFI FIF6 D -V . SHD49 | | H1D.1 - | | H049 | 031BS-30 | 49 | | CS-H049 | | CVWUCR | 33 | 211121 P019 | 008 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI FIF6 G -V . G1 | | H1G.- - | | H050 | 031SS-38 | 50 | | | | CVWUCR | 33 | 211121 P019 | 004 | 1H 1H |
| 005 | HIFI FIF6 G -V . G2 | | H1G.- - | | H050 | 031SS-38 | 50 | | | | CVWUCR | 33 | 211121 P019 | 005 | |
| 006 | HIFI FIF6 G -V . GRTN | | H1G.- - | | H050 | 031SS-38 | 50 | | | | CVWUCR | 33 | 211121 P019 | 006 | |
| 007 | HIFI FIF6 G -V . SHD50 | | H1G.- - | | H050 | 031SS-38 | 50 | | CS-H050 | | CVWUCR | 33 | 211121 P019 | 007 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 056 | HIFI FIF7 D -V . D1 | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | CVWUCR | 33 | 211121 P019 | 056 | 1H 1H |
| 057 | HIFI FIF7 D -V . D2 | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | CVWUCR | 33 | 211121 P019 | 057 | |
| 046 | HIFI FIF7 D -V . DRTN | | H1D.1 - | | H051 | 031BS-30 | 51 | | | | CVWUCR | 33 | 211121 P019 | 046 | |
| 047 | HIFI FIF7 D -V . SHD51 | | H1D.1 - | | H051 | 031BS-30 | 51 | | CS-H051 | | CVWUCR | 33 | 211121 P019 | 047 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 077 | HIFI FIF7 G -V . G1 | | H1G.- - | | H052 | 031SS-38 | 52 | | | | CVWUCR | 33 | 211121 P019 | 077 | 1H 1H |
| 086 | HIFI FIF7 G -V . G2 | | H1G.- - | | H052 | 031SS-38 | 52 | | | | CVWUCR | 33 | 211121 P019 | 086 | |
| 094 | HIFI FIF7 G -V . GRTN | | H1G.- - | | H052 | 031SS-38 | 52 | | | | CVWUCR | 33 | 211121 P019 | 094 | |
| 067 | HIFI FIF7 G -V . SHD52 | | H1G.- - | | H052 | 031SS-38 | 52 | | CS-H052 | | CVWUCR | 33 | 211121 P019 | 067 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 211121 P020
Item: CVVUCR
Function / Bundle: SIH-XH-04**Conn.-Type:** MS27484T22F-35S (PI+ShI)**Backshell:** G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|-------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 079 | HIFI MGHT1 -V . HT | | HMH.- | - | H020 | 041BS-38 | 20 | | | | HHSVMCB1 | 25 | 311100 J005 | 079 | 1H | 1H |
| 070 | HIFI MGHT1 -V . HTRTN | | HMH.- | - | H020 | 041BS-38 | 20 | | | | HHSVMCB1 | 25 | 311100 J005 | 070 | | |
| 080 | HIFI MGHT1 -V . MG | | HMH.- | - | H020 | 041BS-38 | 20 | | | | HHSVMCB1 | 25 | 311100 J005 | 080 | | |
| 071 | HIFI MGHT1 -V . MGRTN | | HMH.- | - | H020 | 041BS-38 | 20 | | | | HHSVMCB1 | 25 | 311100 J005 | 071 | | |
| 069 | HIFI MGHT1 -V . SHD20 | | HMH.- | - | H020 | 041BS-38 | 20 | | | CS-H020 | HHSVMCB1 | 25 | 311100 J005 | 069 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 097 | HIFI MGHT2 -V . HT | | HMH.- | - | H021 | 041BS-38 | 21 | | | | HHSVMCB1 | 25 | 311100 J005 | 097 | 1H | 1H |
| 089 | HIFI MGHT2 -V . HTRTN | | HMH.- | - | H021 | 041BS-38 | 21 | | | | HHSVMCB1 | 25 | 311100 J005 | 089 | | |
| 098 | HIFI MGHT2 -V . MG | | HMH.- | - | H021 | 041BS-38 | 21 | | | | HHSVMCB1 | 25 | 311100 J005 | 098 | | |
| 090 | HIFI MGHT2 -V . MGRTN | | HMH.- | - | H021 | 041BS-38 | 21 | | | | HHSVMCB1 | 25 | 311100 J005 | 090 | | |
| 096 | HIFI MGHT2 -V . SHD21 | | HMH.- | - | H021 | 041BS-38 | 21 | | | CS-H021 | HHSVMCB1 | 25 | 311100 J005 | 096 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 099 | HIFI MGHT3 -V . HT | | HMH.- | - | H022 | 041BS-38 | 22 | | | | HHSVMCB1 | 25 | 311100 J005 | 099 | 1H | 1H |
| 091 | HIFI MGHT3 -V . HTRTN | | HMH.- | - | H022 | 041BS-38 | 22 | | | | HHSVMCB1 | 25 | 311100 J005 | 091 | | |
| 100 | HIFI MGHT3 -V . MG | | HMH.- | - | H022 | 041BS-38 | 22 | | | | HHSVMCB1 | 25 | 311100 J005 | 100 | | |
| 092 | HIFI MGHT3 -V . MGRTN | | HMH.- | - | H022 | 041BS-38 | 22 | | | | HHSVMCB1 | 25 | 311100 J005 | 092 | | |
| 093 | HIFI MGHT3 -V . SHD22 | | HMH.- | - | H022 | 041BS-38 | 22 | | | CS-H022 | HHSVMCB1 | 25 | 311100 J005 | 093 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MGHT4 -V . HT | | HMH.- | - | H023 | 041BS-38 | 23 | | | | HHSVMCB1 | 25 | 311100 J005 | 081 | 1H | 1H 1H |
| 072 | HIFI MGHT4 -V . HTRTN | | HMH.- | - | H023 | 041BS-38 | 23 | | | | HHSVMCB1 | 25 | 311100 J005 | 072 | | 1H |
| 082 | HIFI MGHT4 -V . MG | | HMH.- | - | H023 | 041BS-38 | 23 | | | | HHSVMCB1 | 25 | 311100 J005 | 082 | | 1H |
| 073 | HIFI MGHT4 -V . MGRTN | | HMH.- | - | H023 | 041BS-38 | 23 | | | | HHSVMCB1 | 25 | 311100 J005 | 073 | | 1H |
| 083 | HIFI MGHT4 -V . SHD23 | | HMH.- | - | H023 | 041BS-38 | 23 | | | CS-H023 | HHSVMCB1 | 25 | 311100 J005 | 083 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 084 | HIFI MGHT5 -V . HT | | HMH.- | - | H024 | 041BS-38 | 24 | | | | HHSVMCB1 | 25 | 311100 J005 | 084 | 1H | 1H 1H |
| 074 | HIFI MGHT5 -V . HTRTN | | HMH.- | - | H024 | 041BS-38 | 24 | | | | HHSVMCB1 | 25 | 311100 J005 | 074 | | 1H |
| 085 | HIFI MGHT5 -V . MG | | HMH.- | - | H024 | 041BS-38 | 24 | | | | HHSVMCB1 | 25 | 311100 J005 | 085 | | 1H |
| 075 | HIFI MGHT5 -V . MGRTN | | HMH.- | - | H024 | 041BS-38 | 24 | | | | HHSVMCB1 | 25 | 311100 J005 | 075 | | 1H |
| 076 | HIFI MGHT5 -V . SHD24 | | HMH.- | - | H024 | 041BS-38 | 24 | | | CS-H024 | HHSVMCB1 | 25 | 311100 J005 | 076 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 052 | HIFI SIF D1 -V . SIF1 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHSVMCB1 | 25 | 311100 J005 | 052 | 1H | 1H |
| 063 | HIFI SIF D1 -V . SIF2 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHSVMCB1 | 25 | 311100 J005 | 063 | 1H | 1H |
| 051 | HIFI SIF D1 -V . SIF3 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHSVMCB1 | 25 | 311100 J005 | 051 | 1H | 1H |
| 062 | HIFI SIF D1 -V . SIF4 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHSVMCB1 | 25 | 311100 J005 | 062 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 211121 P020
Item: CVVUCR

Function / Bundle: SIH-XH-04

Conn.-Type: MS27484T22F-35S (PI+ShI)

Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 061 | HIFI SIF D1 -V . RTN1 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | HHSVMCB1 | 25 | 311100 J005 | 061 | 1H | 1H |
| 050 | HIFI SIF D1 -V . SHD91 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | CS-059-1 | | HHSVMCB1 | 25 | 311100 J005 | 050 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI SIF D1 -V . SIF5 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHSVMCB1 | 25 | 311100 J005 | 054 | 1H | 1H |
| 065 | HIFI SIF D1 -V . SIF6 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHSVMCB1 | 25 | 311100 J005 | 065 | 1H | 1H |
| 055 | HIFI SIF D1 -V . SIF7 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHSVMCB1 | 25 | 311100 J005 | 055 | 1H | 1H |
| 066 | HIFI SIF D1 -V . TST | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHSVMCB1 | 25 | 311100 J005 | 066 | 1H | 1H |
| 064 | HIFI SIF D1 -V . RTN2 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | HHSVMCB1 | 25 | 311100 J005 | 064 | 1H | 1H |
| 053 | HIFI SIF D1 -V . SHD92 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | CS-059-2 | | HHSVMCB1 | 25 | 311100 J005 | 053 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 059 | HIFI SIF G1 -V . GA | | H2G.- | - | H060 | 041SS-38 | 60 | | | | HHSVMCB1 | 25 | 311100 J005 | 059 | 1H | 1H |
| 048 | HIFI SIF G1 -V . ARTN | | H2G.- | - | H060 | 041SS-38 | 60 | | | | HHSVMCB1 | 25 | 311100 J005 | 048 | | |
| 060 | HIFI SIF G1 -V . GB | | H2G.- | - | H060 | 041SS-38 | 60 | | | | HHSVMCB1 | 25 | 311100 J005 | 060 | | |
| 049 | HIFI SIF G1 -V . BRTN | | H2G.- | - | H060 | 041SS-38 | 60 | | | | HHSVMCB1 | 25 | 311100 J005 | 049 | | |
| 047 | HIFI SIF G1 -V . SHD60 | | H2G.- | - | H060 | 041SS-38 | 60 | | CS-H060 | | HHSVMCB1 | 25 | 311100 J005 | 047 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI SIF D2 -V . SIF1 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHSVMCB1 | 25 | 311100 J005 | 030 | 1H | 1H |
| 041 | HIFI SIF D2 -V . SIF2 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHSVMCB1 | 25 | 311100 J005 | 041 | 1H | 1H |
| 042 | HIFI SIF D2 -V . SIF3 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHSVMCB1 | 25 | 311100 J005 | 042 | 1H | 1H |
| 031 | HIFI SIF D2 -V . SIF4 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHSVMCB1 | 25 | 311100 J005 | 031 | 1H | 1H |
| 040 | HIFI SIF D2 -V . RTN1 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | HHSVMCB1 | 25 | 311100 J005 | 040 | 1H | 1H |
| 029 | HIFI SIF D2 -V . SHD11 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | CS-061-1 | | HHSVMCB1 | 25 | 311100 J005 | 029 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 033 | HIFI SIF D2 -V . SIF5 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHSVMCB1 | 25 | 311100 J005 | 033 | 1H | 1H |
| 044 | HIFI SIF D2 -V . SIF6 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHSVMCB1 | 25 | 311100 J005 | 044 | 1H | 1H |
| 034 | HIFI SIF D2 -V . SIF7 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHSVMCB1 | 25 | 311100 J005 | 034 | 1H | 1H |
| 045 | HIFI SIF D2 -V . TST | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHSVMCB1 | 25 | 311100 J005 | 045 | 1H | 1H |
| 043 | HIFI SIF D2 -V . RTN2 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | HHSVMCB1 | 25 | 311100 J005 | 043 | 1H | 1H |
| 032 | HIFI SIF D2 -V . SHD12 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | CS-061-2 | | HHSVMCB1 | 25 | 311100 J005 | 032 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 038 | HIFI SIF G2 -V . GA | | H2G.- | - | H062 | 041SS-38 | 62 | | | | HHSVMCB1 | 25 | 311100 J005 | 038 | 1H | 1H |
| 027 | HIFI SIF G2 -V . ARTN | | H2G.- | - | H062 | 041SS-38 | 62 | | | | HHSVMCB1 | 25 | 311100 J005 | 027 | | |
| 039 | HIFI SIF G2 -V . GB | | H2G.- | - | H062 | 041SS-38 | 62 | | | | HHSVMCB1 | 25 | 311100 J005 | 039 | | |
| 028 | HIFI SIF G2 -V . BRTN | | H2G.- | - | H062 | 041SS-38 | 62 | | | | HHSVMCB1 | 25 | 311100 J005 | 028 | | |

Pin Allocation List (Harness)

Connector: 211121 P020
Item: CVVUCR

Function / Bundle: SIH-XH-04

Conn.-Type: MS27484T22F-35S (PI+ShI)
Backshell: G9254 F22 M / M22-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 037 | HIFI SIF G2 -V . SHD62 | | H2G.- | - | H062 | 041SS-38 | 62 | | | CS-H062 | HHSVMCB1 | 25 | 311100 J005 | 037 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI SIF D3 -V . SIF1 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHSVMCB1 | 25 | 311100 J005 | 012 | 1H | 1H |
| 021 | HIFI SIF D3 -V . SIF2 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHSVMCB1 | 25 | 311100 J005 | 021 | 1H | 1H |
| 011 | HIFI SIF D3 -V . SIF3 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHSVMCB1 | 25 | 311100 J005 | 011 | 1H | 1H |
| 020 | HIFI SIF D3 -V . SIF4 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHSVMCB1 | 25 | 311100 J005 | 020 | 1H | 1H |
| 019 | HIFI SIF D3 -V . RTN1 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | HHSVMCB1 | 25 | 311100 J005 | 019 | 1H | 1H |
| 010 | HIFI SIF D3 -V . SHD31 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | CS-063-1 | HHSVMCB1 | 25 | 311100 J005 | 010 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI SIF D3 -V . SIF5 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHSVMCB1 | 25 | 311100 J005 | 015 | 1H | 1H |
| 024 | HIFI SIF D3 -V . SIF6 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHSVMCB1 | 25 | 311100 J005 | 024 | 1H | 1H |
| 014 | HIFI SIF D3 -V . SIF7 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHSVMCB1 | 25 | 311100 J005 | 014 | 1H | 1H |
| 023 | HIFI SIF D3 -V . TST | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHSVMCB1 | 25 | 311100 J005 | 023 | 1H | 1H |
| 022 | HIFI SIF D3 -V . RTN2 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | HHSVMCB1 | 25 | 311100 J005 | 022 | 1H | 1H |
| 013 | HIFI SIF D3 -V . SHD32 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | CS-063-2 | HHSVMCB1 | 25 | 311100 J005 | 013 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF G3 -V . GA | | H2G.- | - | H064 | 041SS-38 | 64 | | | | HHSVMCB1 | 25 | 311100 J005 | 004 | 1H | 1H |
| 005 | HIFI SIF G3 -V . ARTN | | H2G.- | - | H064 | 041SS-38 | 64 | | | | HHSVMCB1 | 25 | 311100 J005 | 005 | | |
| 007 | HIFI SIF G3 -V . GB | | H2G.- | - | H064 | 041SS-38 | 64 | | | | HHSVMCB1 | 25 | 311100 J005 | 007 | | |
| 006 | HIFI SIF G3 -V . BRTN | | H2G.- | - | H064 | 041SS-38 | 64 | | | | HHSVMCB1 | 25 | 311100 J005 | 006 | | |
| 003 | HIFI SIF G3 -V . SHD64 | | H2G.- | - | H064 | 041SS-38 | 64 | | | CS-H064 | HHSVMCB1 | 25 | 311100 J005 | 003 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| - | 24 pins are NC | | | | | | | | | The following Pins are NC : | | | | | | |
| - | | | | | | | | | | ;001 ;002 ;008 ;009 ;016 ;017 ;018 ;025 ;026 ;035 ;036 ;046 ;056 ;057 ;058 ;067 ;068 ;077 ;078 ;086 ;087 ;088 ;094 ;095 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List
(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 178 (of 474)

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Pin Allocation List

(Harness)

Connector: 311100 J005
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-04

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 32

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|-------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 079 | HIFI MGHT1 -V . HT | | HMH.- | - | H020 | 041BS-38 | 20 | | | | CVWUCR | 33 | 211121 P020 | 079 | 1H | 1H |
| 070 | HIFI MGHT1 -V . HTRTN | | HMH.- | - | H020 | 041BS-38 | 20 | | | | CVWUCR | 33 | 211121 P020 | 070 | | |
| 080 | HIFI MGHT1 -V . MG | | HMH.- | - | H020 | 041BS-38 | 20 | | | | CVWUCR | 33 | 211121 P020 | 080 | | |
| 071 | HIFI MGHT1 -V . MGRTN | | HMH.- | - | H020 | 041BS-38 | 20 | | | | CVWUCR | 33 | 211121 P020 | 071 | | |
| 069 | HIFI MGHT1 -V . SHD20 | | HMH.- | - | H020 | 041BS-38 | 20 | | | CS-H020 | CVWUCR | 33 | 211121 P020 | 069 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 097 | HIFI MGHT2 -V . HT | | HMH.- | - | H021 | 041BS-38 | 21 | | | | CVWUCR | 33 | 211121 P020 | 097 | 1H | 1H |
| 089 | HIFI MGHT2 -V . HTRTN | | HMH.- | - | H021 | 041BS-38 | 21 | | | | CVWUCR | 33 | 211121 P020 | 089 | | |
| 098 | HIFI MGHT2 -V . MG | | HMH.- | - | H021 | 041BS-38 | 21 | | | | CVWUCR | 33 | 211121 P020 | 098 | | |
| 090 | HIFI MGHT2 -V . MGRTN | | HMH.- | - | H021 | 041BS-38 | 21 | | | | CVWUCR | 33 | 211121 P020 | 090 | | |
| 096 | HIFI MGHT2 -V . SHD21 | | HMH.- | - | H021 | 041BS-38 | 21 | | | CS-H021 | CVWUCR | 33 | 211121 P020 | 096 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 099 | HIFI MGHT3 -V . HT | | HMH.- | - | H022 | 041BS-38 | 22 | | | | CVWUCR | 33 | 211121 P020 | 099 | 1H | 1H |
| 091 | HIFI MGHT3 -V . HTRTN | | HMH.- | - | H022 | 041BS-38 | 22 | | | | CVWUCR | 33 | 211121 P020 | 091 | | |
| 100 | HIFI MGHT3 -V . MG | | HMH.- | - | H022 | 041BS-38 | 22 | | | | CVWUCR | 33 | 211121 P020 | 100 | | |
| 092 | HIFI MGHT3 -V . MGRTN | | HMH.- | - | H022 | 041BS-38 | 22 | | | | CVWUCR | 33 | 211121 P020 | 092 | | |
| 093 | HIFI MGHT3 -V . SHD22 | | HMH.- | - | H022 | 041BS-38 | 22 | | | CS-H022 | CVWUCR | 33 | 211121 P020 | 093 | 1H | 3H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MGHT4 -V . HT | | HMH.- | - | H023 | 041BS-38 | 23 | | | | CVWUCR | 33 | 211121 P020 | 081 | 1H | 1H 1H |
| 072 | HIFI MGHT4 -V . HTRTN | | HMH.- | - | H023 | 041BS-38 | 23 | | | | CVWUCR | 33 | 211121 P020 | 072 | | 1H |
| 082 | HIFI MGHT4 -V . MG | | HMH.- | - | H023 | 041BS-38 | 23 | | | | CVWUCR | 33 | 211121 P020 | 082 | | 1H |
| 073 | HIFI MGHT4 -V . MGRTN | | HMH.- | - | H023 | 041BS-38 | 23 | | | | CVWUCR | 33 | 211121 P020 | 073 | | 1H |
| 083 | HIFI MGHT4 -V . SHD23 | | HMH.- | - | H023 | 041BS-38 | 23 | | | CS-H023 | CVWUCR | 33 | 211121 P020 | 083 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 084 | HIFI MGHT5 -V . HT | | HMH.- | - | H024 | 041BS-38 | 24 | | | | CVWUCR | 33 | 211121 P020 | 084 | 1H | 1H 1H |
| 074 | HIFI MGHT5 -V . HTRTN | | HMH.- | - | H024 | 041BS-38 | 24 | | | | CVWUCR | 33 | 211121 P020 | 074 | | 1H |
| 085 | HIFI MGHT5 -V . MG | | HMH.- | - | H024 | 041BS-38 | 24 | | | | CVWUCR | 33 | 211121 P020 | 085 | | 1H |
| 075 | HIFI MGHT5 -V . MGRTN | | HMH.- | - | H024 | 041BS-38 | 24 | | | | CVWUCR | 33 | 211121 P020 | 075 | | 1H |
| 076 | HIFI MGHT5 -V . SHD24 | | HMH.- | - | H024 | 041BS-38 | 24 | | | CS-H024 | CVWUCR | 33 | 211121 P020 | 076 | 1H | 1H 1H |
| - | | | | | | | | | | | | | | | | |
| 052 | HIFI SIF D1 -V . SIF1 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | CVWUCR | 33 | 211121 P020 | 052 | 1H | 1H |
| 063 | HIFI SIF D1 -V . SIF2 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | CVWUCR | 33 | 211121 P020 | 063 | 1H | 1H |
| 051 | HIFI SIF D1 -V . SIF3 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | CVWUCR | 33 | 211121 P020 | 051 | 1H | 1H |
| 062 | HIFI SIF D1 -V . SIF4 | | H2D.- | - | H059 | 051BS-30 | 6 | 059-1 | | | CVWUCR | 33 | 211121 P020 | 062 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 311100 J005
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-04

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 32

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 061 | HIFI SIF D1 -V . RTN1 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | | | CVWUCR | 33 | 211121 P020 | 061 | 1H | 1H |
| 050 | HIFI SIF D1 -V . SHD91 | | H2D.- | - | H059 | 051BS-30 | 91 | 059-1 | CS-059-1 | | CVWUCR | 33 | 211121 P020 | 050 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI SIF D1 -V . SIF5 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | CVWUCR | 33 | 211121 P020 | 054 | 1H | 1H |
| 065 | HIFI SIF D1 -V . SIF6 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | CVWUCR | 33 | 211121 P020 | 065 | 1H | 1H |
| 055 | HIFI SIF D1 -V . SIF7 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | CVWUCR | 33 | 211121 P020 | 055 | 1H | 1H |
| 066 | HIFI SIF D1 -V . TST | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | | | CVWUCR | 33 | 211121 P020 | 066 | 1H | 1H |
| 064 | HIFI SIF D1 -V . RTN2 | | H2D.- | - | H059 | 051BS-30 | 6 | 059-2 | | | CVWUCR | 33 | 211121 P020 | 064 | 1H | 1H |
| 053 | HIFI SIF D1 -V . SHD92 | | H2D.- | - | H059 | 051BS-30 | 92 | 059-2 | CS-059-2 | | CVWUCR | 33 | 211121 P020 | 053 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 059 | HIFI SIF G1 -V . GA | | H2G.- | - | H060 | 041SS-38 | 60 | | | | CVWUCR | 33 | 211121 P020 | 059 | 1H | 1H |
| 048 | HIFI SIF G1 -V . ARTN | | H2G.- | - | H060 | 041SS-38 | 60 | | | | CVWUCR | 33 | 211121 P020 | 048 | | |
| 060 | HIFI SIF G1 -V . GB | | H2G.- | - | H060 | 041SS-38 | 60 | | | | CVWUCR | 33 | 211121 P020 | 060 | | |
| 049 | HIFI SIF G1 -V . BRTN | | H2G.- | - | H060 | 041SS-38 | 60 | | | | CVWUCR | 33 | 211121 P020 | 049 | | |
| 047 | HIFI SIF G1 -V . SHD60 | | H2G.- | - | H060 | 041SS-38 | 60 | | CS-H060 | | CVWUCR | 33 | 211121 P020 | 047 | 3H | 1H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI SIF D2 -V . SIF1 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | CVWUCR | 33 | 211121 P020 | 030 | 1H | 1H |
| 041 | HIFI SIF D2 -V . SIF2 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | CVWUCR | 33 | 211121 P020 | 041 | 1H | 1H |
| 042 | HIFI SIF D2 -V . SIF3 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | CVWUCR | 33 | 211121 P020 | 042 | 1H | 1H |
| 031 | HIFI SIF D2 -V . SIF4 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | | | CVWUCR | 33 | 211121 P020 | 031 | 1H | 1H |
| 040 | HIFI SIF D2 -V . RTN1 | | H2D.- | - | H061 | 051BS-30 | 8 | 061-1 | | | CVWUCR | 33 | 211121 P020 | 040 | 1H | 1H |
| 029 | HIFI SIF D2 -V . SHD11 | | H2D.- | - | H061 | 051BS-30 | 11 | 061-1 | CS-061-1 | | CVWUCR | 33 | 211121 P020 | 029 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 033 | HIFI SIF D2 -V . SIF5 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | CVWUCR | 33 | 211121 P020 | 033 | 1H | 1H |
| 044 | HIFI SIF D2 -V . SIF6 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | CVWUCR | 33 | 211121 P020 | 044 | 1H | 1H |
| 034 | HIFI SIF D2 -V . SIF7 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | CVWUCR | 33 | 211121 P020 | 034 | 1H | 1H |
| 045 | HIFI SIF D2 -V . TST | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | CVWUCR | 33 | 211121 P020 | 045 | 1H | 1H |
| 043 | HIFI SIF D2 -V . RTN2 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | | | CVWUCR | 33 | 211121 P020 | 043 | 1H | 1H |
| 032 | HIFI SIF D2 -V . SHD12 | | H2D.- | - | H061 | 051BS-30 | 12 | 061-2 | CS-061-2 | | CVWUCR | 33 | 211121 P020 | 032 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 038 | HIFI SIF G2 -V . GA | | H2G.- | - | H062 | 041SS-38 | 62 | | | | CVWUCR | 33 | 211121 P020 | 038 | 1H | 1H |
| 027 | HIFI SIF G2 -V . ARTN | | H2G.- | - | H062 | 041SS-38 | 62 | | | | CVWUCR | 33 | 211121 P020 | 027 | | |
| 039 | HIFI SIF G2 -V . GB | | H2G.- | - | H062 | 041SS-38 | 62 | | | | CVWUCR | 33 | 211121 P020 | 039 | | |
| 028 | HIFI SIF G2 -V . BRTN | | H2G.- | - | H062 | 041SS-38 | 62 | | | | CVWUCR | 33 | 211121 P020 | 028 | | |

Pin Allocation List (Harness)

Connector: 311100 J005
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-04

Conn.-Type: SCC340104401B032235PN
Backshell: 440 FS 110 M 22 32

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 037 | HIFI SIF G2 -V . SHD62 | | H2G.- | - | H062 | 041SS-38 | 62 | | | CS-H062 | CVWUCR | 33 | 211121 P020 | 037 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI SIF D3 -V . SIF1 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | CVWUCR | 33 | 211121 P020 | 012 | 1H | 1H |
| 021 | HIFI SIF D3 -V . SIF2 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | CVWUCR | 33 | 211121 P020 | 021 | 1H | 1H |
| 011 | HIFI SIF D3 -V . SIF3 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | CVWUCR | 33 | 211121 P020 | 011 | 1H | 1H |
| 020 | HIFI SIF D3 -V . SIF4 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | CVWUCR | 33 | 211121 P020 | 020 | 1H | 1H |
| 019 | HIFI SIF D3 -V . RTN1 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | | CVWUCR | 33 | 211121 P020 | 019 | 1H | 1H |
| 010 | HIFI SIF D3 -V . SHD31 | | H2D.- | - | H063 | 051BS-30 | 31 | 063-1 | | CS-063-1 | CVWUCR | 33 | 211121 P020 | 010 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI SIF D3 -V . SIF5 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | CVWUCR | 33 | 211121 P020 | 015 | 1H | 1H |
| 024 | HIFI SIF D3 -V . SIF6 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | CVWUCR | 33 | 211121 P020 | 024 | 1H | 1H |
| 014 | HIFI SIF D3 -V . SIF7 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | CVWUCR | 33 | 211121 P020 | 014 | 1H | 1H |
| 023 | HIFI SIF D3 -V . TST | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | CVWUCR | 33 | 211121 P020 | 023 | 1H | 1H |
| 022 | HIFI SIF D3 -V . RTN2 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | | CVWUCR | 33 | 211121 P020 | 022 | 1H | 1H |
| 013 | HIFI SIF D3 -V . SHD32 | | H2D.- | - | H063 | 051BS-30 | 32 | 063-2 | | CS-063-2 | CVWUCR | 33 | 211121 P020 | 013 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 004 | HIFI SIF G3 -V . GA | | H2G.- | - | H064 | 041SS-38 | 64 | | | | CVWUCR | 33 | 211121 P020 | 004 | 1H | 1H |
| 005 | HIFI SIF G3 -V . ARTN | | H2G.- | - | H064 | 041SS-38 | 64 | | | | CVWUCR | 33 | 211121 P020 | 005 | | |
| 007 | HIFI SIF G3 -V . GB | | H2G.- | - | H064 | 041SS-38 | 64 | | | | CVWUCR | 33 | 211121 P020 | 007 | | |
| 006 | HIFI SIF G3 -V . BRTN | | H2G.- | - | H064 | 041SS-38 | 64 | | | | CVWUCR | 33 | 211121 P020 | 006 | | |
| 003 | HIFI SIF G3 -V . SHD64 | | H2G.- | - | H064 | 041SS-38 | 64 | | | CS-H064 | CVWUCR | 33 | 211121 P020 | 003 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| - | 24 pins are NC | | | | | | | | | The following Pins are NC : | | | | | | |
| - | | | | | | | | | | ;001 ;002 ;008 ;009 ;016 ;017 ;018 ;025 ;026 ;035 ;036 ;046 ;056 ;057 ;058 ;067 ;068 ;077 ;078 ;086 ;087 ;088 ;094 ;095 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 182 (of 474)

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Pin Allocation List

(Harness)

Connector: 211121 P017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-012P24-35SN (Plug)
Backshell: G9254 F24 M / M24-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 111 | HIFI 2. IF Amp-TS-P . I | | H2S.- | - | H065 | 041SS-38 | 65 | | | | HHSVMCB1 | 25 | 311100 J002 | 111 | 1H | 1H |
| 100 | HIFI 2. IF Amp-TS-P . IRTN | | H2S.- | - | H065 | 041SS-38 | 65 | | | | HHSVMCB1 | 25 | 311100 J002 | 100 | | |
| 112 | HIFI 2. IF Amp-TS-P . V | | H2S.- | - | H065 | 041SS-38 | 65 | | | | HHSVMCB1 | 25 | 311100 J002 | 112 | | |
| 101 | HIFI 2. IF Amp-TS-P . VRTN | | H2S.- | - | H065 | 041SS-38 | 65 | | | | HHSVMCB1 | 25 | 311100 J002 | 101 | | |
| 110 | HIFI 2. IF Amp-TS-P . SHD65 | | H2S.- | - | H065 | 041SS-38 | 65 | | | CS-H065 | HHSVMCB1 | 25 | 311100 J002 | 110 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 113 | HIFI 2. IF Amp-TS-R . I | | H2S.- | - | H066 | 041SS-38 | 66 | | | | HHSVMCB1 | 25 | 311100 J002 | 113 | 1H | 1H |
| 103 | HIFI 2. IF Amp-TS-R . IRTN | | H2S.- | - | H066 | 041SS-38 | 66 | | | | HHSVMCB1 | 25 | 311100 J002 | 103 | | |
| 114 | HIFI 2. IF Amp-TS-R . V | | H2S.- | - | H066 | 041SS-38 | 66 | | | | HHSVMCB1 | 25 | 311100 J002 | 114 | | |
| 104 | HIFI 2. IF Amp-TS-R . VRTN | | H2S.- | - | H066 | 041SS-38 | 66 | | | | HHSVMCB1 | 25 | 311100 J002 | 104 | | |
| 102 | HIFI 2. IF Amp-TS-R . SHD66 | | H2S.- | - | H066 | 041SS-38 | 66 | | | CS-H066 | HHSVMCB1 | 25 | 311100 J002 | 102 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 127 | HIFI CP-AC-P . A | | HCA.- | - | H067 | 041BS-38 | 67 | | | | HHSVMCB1 | 25 | 311100 J002 | 127 | 1H | 1H |
| 119 | HIFI CP-AC-P . ARTN | | HCA.- | - | H067 | 041BS-38 | 67 | | | | HHSVMCB1 | 25 | 311100 J002 | 119 | | |
| 128 | HIFI CP-AC-P . B | | HCA.- | - | H067 | 041BS-38 | 67 | | | | HHSVMCB1 | 25 | 311100 J002 | 128 | | |
| 120 | HIFI CP-AC-P . BRTN | | HCA.- | - | H067 | 041BS-38 | 67 | | | | HHSVMCB1 | 25 | 311100 J002 | 120 | | |
| 121 | HIFI CP-AC-P . SHD67 | | HCA.- | - | H067 | 041BS-38 | 67 | | | CS-H067 | HHSVMCB1 | 25 | 311100 J002 | 121 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 123 | HIFI CP-LT-PY-P . SIG | | HCP.- | - | H068 | 021BS-38 | 68 | | | | HHSVMCB1 | 25 | 311100 J002 | 123 | 1H | 1H |
| 116 | HIFI CP-LT-PY-P . RTN | | HCP.- | - | H068 | 021BS-38 | 68 | | | | HHSVMCB1 | 25 | 311100 J002 | 116 | | |
| 124 | HIFI CP-LT-PY-P . SHD68 | | HCP.- | - | H068 | 021BS-38 | 68 | | | CS-H068 | HHSVMCB1 | 25 | 311100 J002 | 124 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 117 | HIFI CP-LT-SY-P . A | | HCS.- | - | H069 | 031SS-38 | 69 | | | | HHSVMCB1 | 25 | 311100 J002 | 117 | 1H | 1H |
| 118 | HIFI CP-LT-SY-P . RTN | | HCS.- | - | H069 | 031SS-38 | 69 | | | | HHSVMCB1 | 25 | 311100 J002 | 118 | | |
| 125 | HIFI CP-LT-SY-P . B | | HCS.- | - | H069 | 031SS-38 | 69 | | | | HHSVMCB1 | 25 | 311100 J002 | 125 | | |
| 126 | HIFI CP-LT-SY-P . SHD69 | | HCS.- | - | H069 | 031SS-38 | 69 | | | CS-H069 | HHSVMCB1 | 25 | 311100 J002 | 126 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 108 | HIFI CP-AC-R . A | | HCA.- | - | H070 | 041BS-38 | 70 | | | | HHSVMCB1 | 25 | 311100 J002 | 108 | 1H | 1H |
| 098 | HIFI CP-AC-R . ARTN | | HCA.- | - | H070 | 041BS-38 | 70 | | | | HHSVMCB1 | 25 | 311100 J002 | 098 | | |
| 109 | HIFI CP-AC-R . B | | HCA.- | - | H070 | 041BS-38 | 70 | | | | HHSVMCB1 | 25 | 311100 J002 | 109 | | |
| 099 | HIFI CP-AC-R . BRTN | | HCA.- | - | H070 | 041BS-38 | 70 | | | | HHSVMCB1 | 25 | 311100 J002 | 099 | | |
| 097 | HIFI CP-AC-R . SHD70 | | HCA.- | - | H070 | 041BS-38 | 70 | | | CS-H070 | HHSVMCB1 | 25 | 311100 J002 | 097 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 122 | HIFI CP-LT-PY-R . SIG | | HCP.- | - | H071 | 021BS-38 | 71 | | | | HHSVMCB1 | 25 | 311100 J002 | 122 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 211121 P017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-012P24-35SN (Plug)
Backshell: G9254 F24 M / M24-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 115 | HIFI CP-LT-PY-R . RTN | | HCP.- | - | H071 | 021BS-38 | 71 | | | | HHSVMCB1 | 25 | 311100 J002 | 115 | |
| 105 | HIFI CP-LT-PY-R . SHD71 | | HCP.- | - | H071 | 021BS-38 | 71 | | | CS-H071 | HHSVMCB1 | 25 | 311100 J002 | 105 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 106 | HIFI CP-LT-SY-R . A | | HCS.- | - | H072 | 031SS-38 | 72 | | | | HHSVMCB1 | 25 | 311100 J002 | 106 | 1H 1H |
| 096 | HIFI CP-LT-SY-R . RTN | | HCS.- | - | H072 | 031SS-38 | 72 | | | | HHSVMCB1 | 25 | 311100 J002 | 096 | |
| 107 | HIFI CP-LT-SY-R . B | | HCS.- | - | H072 | 031SS-38 | 72 | | | | HHSVMCB1 | 25 | 311100 J002 | 107 | |
| 095 | HIFI CP-LT-SY-R . SHD72 | | HCS.- | - | H072 | 031SS-38 | 72 | | | CS-H072 | HHSVMCB1 | 25 | 311100 J002 | 095 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 091 | HIFI Therm. S02K P . I | | HT2.- | - | H073 | 041SS-38 | 73 | | | | HHSVMCB1 | 25 | 311100 J002 | 091 | 1H 1H |
| 080 | HIFI Therm. S02K P . IRTN | | HT2.- | - | H073 | 041SS-38 | 73 | | | | HHSVMCB1 | 25 | 311100 J002 | 080 | |
| 092 | HIFI Therm. S02K P . V | | HT2.- | - | H073 | 041SS-38 | 73 | | | | HHSVMCB1 | 25 | 311100 J002 | 092 | |
| 081 | HIFI Therm. S02K P . VRTN | | HT2.- | - | H073 | 041SS-38 | 73 | | | | HHSVMCB1 | 25 | 311100 J002 | 081 | |
| 093 | HIFI Therm. S02K P . SHD73 | | HT2.- | - | H073 | 041SS-38 | 73 | | | CS-H073 | HHSVMCB1 | 25 | 311100 J002 | 093 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 089 | HIFI Therm. S04K P . I | | HT4.- | - | H074 | 041SS-38 | 74 | | | | HHSVMCB1 | 25 | 311100 J002 | 089 | 1H 1H |
| 078 | HIFI Therm. S04K P . IRTN | | HT4.- | - | H074 | 041SS-38 | 74 | | | | HHSVMCB1 | 25 | 311100 J002 | 078 | |
| 090 | HIFI Therm. S04K P . V | | HT4.- | - | H074 | 041SS-38 | 74 | | | | HHSVMCB1 | 25 | 311100 J002 | 090 | |
| 079 | HIFI Therm. S04K P . VRTN | | HT4.- | - | H074 | 041SS-38 | 74 | | | | HHSVMCB1 | 25 | 311100 J002 | 079 | |
| 077 | HIFI Therm. S04K P . SHD74 | | HT4.- | - | H074 | 041SS-38 | 74 | | | CS-H074 | HHSVMCB1 | 25 | 311100 J002 | 077 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 087 | HIFI Therm. S10K R . I | | HT1.- | - | H075 | 041SS-38 | 75 | | | | HHSVMCB1 | 25 | 311100 J002 | 087 | 1H 1H |
| 075 | HIFI Therm. S10K R . IRTN | | HT1.- | - | H075 | 041SS-38 | 75 | | | | HHSVMCB1 | 25 | 311100 J002 | 075 | |
| 088 | HIFI Therm. S10K R . V | | HT1.- | - | H075 | 041SS-38 | 75 | | | | HHSVMCB1 | 25 | 311100 J002 | 088 | |
| 076 | HIFI Therm. S10K R . VRTN | | HT1.- | - | H075 | 041SS-38 | 75 | | | | HHSVMCB1 | 25 | 311100 J002 | 076 | |
| 086 | HIFI Therm. S10K R . SHD75 | | HT1.- | - | H075 | 041SS-38 | 75 | | | CS-H075 | HHSVMCB1 | 25 | 311100 J002 | 086 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 084 | HIFI Therm. S02K R . I | | HT2.- | - | H076 | 041SS-38 | 76 | | | | HHSVMCB1 | 25 | 311100 J002 | 084 | 1H 1H |
| 073 | HIFI Therm. S02K R . IRTN | | HT2.- | - | H076 | 041SS-38 | 76 | | | | HHSVMCB1 | 25 | 311100 J002 | 073 | |
| 085 | HIFI Therm. S02K R . V | | HT2.- | - | H076 | 041SS-38 | 76 | | | | HHSVMCB1 | 25 | 311100 J002 | 085 | |
| 074 | HIFI Therm. S02K R . VRTN | | HT2.- | - | H076 | 041SS-38 | 76 | | | | HHSVMCB1 | 25 | 311100 J002 | 074 | |
| 072 | HIFI Therm. S02K R . SHD76 | | HT2.- | - | H076 | 041SS-38 | 76 | | | CS-H076 | HHSVMCB1 | 25 | 311100 J002 | 072 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 082 | HIFI Therm. S04K R . I | | HT4.- | - | H077 | 041SS-38 | 77 | | | | HHSVMCB1 | 25 | 311100 J002 | 082 | 1H 1H |
| 059 | HIFI Therm. S04K R . IRTN | | HT4.- | - | H077 | 041SS-38 | 77 | | | | HHSVMCB1 | 25 | 311100 J002 | 059 | |

Pin Allocation List

(Harness)

Connector: 211121 P017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-012P24-35SN (Plug)
Backshell: G9254 F24 M / M24-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 083 | HIFI Therm. S04K R . V | | HT4.- | - | H077 | 041SS-38 | 77 | | | | HHSVMCB1 | 25 | 311100 J002 | 083 | |
| 071 | HIFI Therm. S04K R . VRTN | | HT4.- | - | H077 | 041SS-38 | 77 | | | | HHSVMCB1 | 25 | 311100 J002 | 071 | |
| 094 | HIFI Therm. S04K R . SHD77 | | HT4.- | - | H077 | 041SS-38 | 77 | | CS-H077 | | HHSVMCB1 | 25 | 311100 J002 | | 1H |
| - | | | | | | | | | | | | | | | |
| 069 | HIFI CS-CR-TS-P . I | | HBC.- | - | H078 | 041SS-38 | 78 | | | | HHSVMCB1 | 25 | 311100 J002 | 069 | 1H 1H |
| 057 | HIFI CS-CR-TS-P . IRTN | | HBC.- | - | H078 | 041SS-38 | 78 | | | | HHSVMCB1 | 25 | 311100 J002 | 057 | |
| 070 | HIFI CS-CR-TS-P . V | | HBC.- | - | H078 | 041SS-38 | 78 | | | | HHSVMCB1 | 25 | 311100 J002 | 070 | |
| 058 | HIFI CS-CR-TS-P . VRTN | | HBC.- | - | H078 | 041SS-38 | 78 | | | | HHSVMCB1 | 25 | 311100 J002 | 058 | |
| 068 | HIFI CS-CR-TS-P . SHD78 | | HBC.- | - | H078 | 041SS-38 | 78 | | CS-H078 | | HHSVMCB1 | 25 | 311100 J002 | 068 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 066 | HIFI CS-HR-TS-P . I | | HBH.- | - | H079 | 041SS-38 | 79 | | | | HHSVMCB1 | 25 | 311100 J002 | 066 | 1H 1H |
| 055 | HIFI CS-HR-TS-P . IRTN | | HBH.- | - | H079 | 041SS-38 | 79 | | | | HHSVMCB1 | 25 | 311100 J002 | 055 | |
| 067 | HIFI CS-HR-TS-P . V | | HBH.- | - | H079 | 041SS-38 | 79 | | | | HHSVMCB1 | 25 | 311100 J002 | 067 | |
| 056 | HIFI CS-HR-TS-P . VRTN | | HBH.- | - | H079 | 041SS-38 | 79 | | | | HHSVMCB1 | 25 | 311100 J002 | 056 | |
| 054 | HIFI CS-HR-TS-P . SHD79 | | HBH.- | - | H079 | 041SS-38 | 79 | | CS-H079 | | HHSVMCB1 | 25 | 311100 J002 | 054 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 065 | HIFI CS-HT-P . SIG | | HBT.- | - | H080 | 021BS-38 | 80 | | | | HHSVMCB1 | 25 | 311100 J002 | 065 | 1H 1H |
| 053 | HIFI CS-HT-P . RTN | | HBT.- | - | H080 | 021BS-38 | 80 | | | | HHSVMCB1 | 25 | 311100 J002 | 053 | |
| 064 | HIFI CS-HT-P . SHD80 | | HBT.- | - | H080 | 021BS-38 | 80 | | CS-H080 | | HHSVMCB1 | 25 | 311100 J002 | 064 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 061 | HIFI CS-HR-TS-R . I | | HBH.- | - | H081 | 041SS-38 | 81 | | | | HHSVMCB1 | 25 | 311100 J002 | 061 | 1H 1H |
| 049 | HIFI CS-HR-TS-R . IRTN | | HBH.- | - | H081 | 041SS-38 | 81 | | | | HHSVMCB1 | 25 | 311100 J002 | 049 | |
| 062 | HIFI CS-HR-TS-R . V | | HBH.- | - | H081 | 041SS-38 | 81 | | | | HHSVMCB1 | 25 | 311100 J002 | 062 | |
| 050 | HIFI CS-HR-TS-R . VRTN | | HBH.- | - | H081 | 041SS-38 | 81 | | | | HHSVMCB1 | 25 | 311100 J002 | 050 | |
| 060 | HIFI CS-HR-TS-R . SHD81 | | HBH.- | - | H081 | 041SS-38 | 81 | | CS-H081 | | HHSVMCB1 | 25 | 311100 J002 | 060 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 063 | HIFI CS-HT-R . SIG | | HBT.- | - | H082 | 021BS-38 | 82 | | | | HHSVMCB1 | 25 | 311100 J002 | 063 | 1H 1H |
| 052 | HIFI CS-HT-R . RTN | | HBT.- | - | H082 | 021BS-38 | 82 | | | | HHSVMCB1 | 25 | 311100 J002 | 052 | |
| 051 | HIFI CS-HT-R . SHD82 | | HBT.- | - | H082 | 021BS-38 | 82 | | CS-H082 | | HHSVMCB1 | 25 | 311100 J002 | 051 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 035 | HIFI DP3-AC-H . SIG | | HDP.- | - | H083 | 021BS-38 | 83 | | | | HHSVMCB1 | 25 | 311100 J002 | 035 | 3H 3H |
| 047 | HIFI DP3-AC-H . RTN | | HDP.- | - | H083 | 021BS-38 | 83 | | | | HHSVMCB1 | 25 | 311100 J002 | 047 | 3H 3H |
| 046 | HIFI DP3-AC-H . SHD83 | | HDP.- | - | H083 | 021BS-38 | 83 | | CS-H083 | | HHSVMCB1 | 25 | 311100 J002 | 046 | 1H 1H |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 211121 P017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-012P24-35SN (Plug)
Backshell: G9254 F24 M / M24-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 045 | HIFI DP4-AC-H . SIG | | HDP.- | - | H084 | 021BS-38 | 84 | | | | HHSVMCB1 | 25 | 311100 J002 | 045 | 1H | 1H |
| 034 | HIFI DP4-AC-H . RTN | | HDP.- | - | H084 | 021BS-38 | 84 | | | | HHSVMCB1 | 25 | 311100 J002 | 034 | | |
| 033 | HIFI DP4-AC-H . SHD84 | | HDP.- | - | H084 | 021BS-38 | 84 | | CS-H084 | | HHSVMCB1 | 25 | 311100 J002 | 033 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 044 | HIFI DP5-AC-H . SIG | | HDP.- | - | H085 | 021BS-38 | 85 | | | | HHSVMCB1 | 25 | 311100 J002 | 044 | 1H | 1H |
| 032 | HIFI DP5-AC-H . RTN | | HDP.- | - | H085 | 021BS-38 | 85 | | | | HHSVMCB1 | 25 | 311100 J002 | 032 | | |
| 043 | HIFI DP5-AC-H . SHD85 | | HDP.- | - | H085 | 021BS-38 | 85 | | CS-H085 | | HHSVMCB1 | 25 | 311100 J002 | 043 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 042 | HIFI DP6-AC-H . SIG | | HDP.1 | - | H086 | 031BS-38 | 86 | | | | HHSVMCB1 | 25 | 311100 J002 | 042 | 1H | 1H |
| 031 | HIFI DP6-AC-H . RTN | | HDP.1 | - | H086 | 031BS-38 | 86 | | | | HHSVMCB1 | 25 | 311100 J002 | 031 | | |
| 030 | HIFI DP6-AC-H . SHD86 | | HDP.1 | - | H086 | 031BS-38 | 86 | | CS-H086 | | HHSVMCB1 | 25 | 311100 J002 | 030 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 041 | HIFI DP7-AC-H . SIG | | HDP.- | - | H087 | 021BS-38 | 87 | | | | HHSVMCB1 | 25 | 311100 J002 | 041 | 1H | 1H |
| 029 | HIFI DP7-AC-H . RTN | | HDP.- | - | H087 | 021BS-38 | 87 | | | | HHSVMCB1 | 25 | 311100 J002 | 029 | | |
| 040 | HIFI DP7-AC-H . SHD87 | | HDP.- | - | H087 | 021BS-38 | 87 | | CS-H087 | | HHSVMCB1 | 25 | 311100 J002 | 040 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 014 | HIFI DP3-AC-V . SIG | | HDP.- | - | H088 | 021BS-38 | 88 | | | | HHSVMCB1 | 25 | 311100 J002 | 014 | 3H | 3H |
| 024 | HIFI DP3-AC-V . RTN | | HDP.- | - | H088 | 021BS-38 | 88 | | | | HHSVMCB1 | 25 | 311100 J002 | 024 | 3H | 3H |
| 023 | HIFI DP3-AC-V . SHD88 | | HDP.- | - | H088 | 021BS-38 | 88 | | CS-H088 | | HHSVMCB1 | 25 | 311100 J002 | 023 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 022 | HIFI DP4-AC-V . SIG | | HDP.- | - | H089 | 021BS-38 | 89 | | | | HHSVMCB1 | 25 | 311100 J002 | 022 | 1H | 1H |
| 013 | HIFI DP4-AC-V . RTN | | HDP.- | - | H089 | 021BS-38 | 89 | | | | HHSVMCB1 | 25 | 311100 J002 | 013 | | |
| 021 | HIFI DP4-AC-V . SHD89 | | HDP.- | - | H089 | 021BS-38 | 89 | | CS-H089 | | HHSVMCB1 | 25 | 311100 J002 | 021 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 020 | HIFI DP5-AC-V . SIG | | HDP.- | - | H090 | 021BS-38 | 90 | | | | HHSVMCB1 | 25 | 311100 J002 | 020 | 1H | 1H |
| 012 | HIFI DP5-AC-V . RTN | | HDP.- | - | H090 | 021BS-38 | 90 | | | | HHSVMCB1 | 25 | 311100 J002 | 012 | | |
| 011 | HIFI DP5-AC-V . SHD90 | | HDP.- | - | H090 | 021BS-38 | 90 | | CS-H090 | | HHSVMCB1 | 25 | 311100 J002 | 011 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI DP6-AC-V . SIG | | HDP.1 | - | H091 | 031BS-38 | 91 | | | | HHSVMCB1 | 25 | 311100 J002 | 015 | 1H | 1H |
| 010 | HIFI DP6-AC-V . RTN | | HDP.1 | - | H091 | 031BS-38 | 91 | | | | HHSVMCB1 | 25 | 311100 J002 | 010 | | |
| 018 | HIFI DP6-AC-V . SHD91 | | HDP.1 | - | H091 | 031BS-38 | 91 | | CS-H091 | | HHSVMCB1 | 25 | 311100 J002 | 018 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 017 | HIFI DP7-AC-V . SIG | | HDP.- | - | H092 | 021BS-38 | 92 | | | | HHSVMCB1 | 25 | 311100 J002 | 017 | 1H | 1H |
| 009 | HIFI DP7-AC-V . RTN | | HDP.- | - | H092 | 021BS-38 | 92 | | | | HHSVMCB1 | 25 | 311100 J002 | 009 | | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 187 (of 474)

Connector: 211121 P017
Item: CVVUCR

Function / Bundle: SIH-XH-05

Conn.-Type: 197-012P24-35SN (Plug)
Backshell: G9254 F24 M / M24-03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|---|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 028 | HIFI DP7-AC-V . SHD92 | | HDP.- | - | H092 | 021BS-38 | | 92 | | CS-H092 | HHSVMCB1 | 25 | 311100 J002 | 028 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| - | 18 pins are NC | | | | | | | | | The following Pins are NC : | | | | | | |
| - | | | | | | | | | | ;001 ;002 ;003 ;004 ;005 ;006 ;007 ;008 ;016 ;019 ;025 ;026 ;027 ;036 ;037 ;038 ;039 ;048 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 188 (of 474)

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Pin Allocation List

(Harness)

Connector: 311100 J002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 111 | HIFI 2. IF Amp-TS-P . I | | H2S.- | - | H065 | 041SS-38 | 65 | | | | CVWUCR | 33 | 211121 P017 | 111 | 1H | 1H |
| 100 | HIFI 2. IF Amp-TS-P . IRTN | | H2S.- | - | H065 | 041SS-38 | 65 | | | | CVWUCR | 33 | 211121 P017 | 100 | | |
| 112 | HIFI 2. IF Amp-TS-P . V | | H2S.- | - | H065 | 041SS-38 | 65 | | | | CVWUCR | 33 | 211121 P017 | 112 | | |
| 101 | HIFI 2. IF Amp-TS-P . VRTN | | H2S.- | - | H065 | 041SS-38 | 65 | | | | CVWUCR | 33 | 211121 P017 | 101 | | |
| 110 | HIFI 2. IF Amp-TS-P . SHD65 | | H2S.- | - | H065 | 041SS-38 | 65 | | | CS-H065 | CVWUCR | 33 | 211121 P017 | 110 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 113 | HIFI 2. IF Amp-TS-R . I | | H2S.- | - | H066 | 041SS-38 | 66 | | | | CVWUCR | 33 | 211121 P017 | 113 | 1H | 1H |
| 103 | HIFI 2. IF Amp-TS-R . IRTN | | H2S.- | - | H066 | 041SS-38 | 66 | | | | CVWUCR | 33 | 211121 P017 | 103 | | |
| 114 | HIFI 2. IF Amp-TS-R . V | | H2S.- | - | H066 | 041SS-38 | 66 | | | | CVWUCR | 33 | 211121 P017 | 114 | | |
| 104 | HIFI 2. IF Amp-TS-R . VRTN | | H2S.- | - | H066 | 041SS-38 | 66 | | | | CVWUCR | 33 | 211121 P017 | 104 | | |
| 102 | HIFI 2. IF Amp-TS-R . SHD66 | | H2S.- | - | H066 | 041SS-38 | 66 | | | CS-H066 | CVWUCR | 33 | 211121 P017 | 102 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 127 | HIFI CP-AC-P . A | | HCA.- | - | H067 | 041BS-38 | 67 | | | | CVWUCR | 33 | 211121 P017 | 127 | 1H | 1H |
| 119 | HIFI CP-AC-P . ARTN | | HCA.- | - | H067 | 041BS-38 | 67 | | | | CVWUCR | 33 | 211121 P017 | 119 | | |
| 128 | HIFI CP-AC-P . B | | HCA.- | - | H067 | 041BS-38 | 67 | | | | CVWUCR | 33 | 211121 P017 | 128 | | |
| 120 | HIFI CP-AC-P . BRTN | | HCA.- | - | H067 | 041BS-38 | 67 | | | | CVWUCR | 33 | 211121 P017 | 120 | | |
| 121 | HIFI CP-AC-P . SHD67 | | HCA.- | - | H067 | 041BS-38 | 67 | | | CS-H067 | CVWUCR | 33 | 211121 P017 | 121 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 123 | HIFI CP-LT-PY-P . SIG | | HCP.- | - | H068 | 021BS-38 | 68 | | | | CVWUCR | 33 | 211121 P017 | 123 | 1H | 1H |
| 116 | HIFI CP-LT-PY-P . RTN | | HCP.- | - | H068 | 021BS-38 | 68 | | | | CVWUCR | 33 | 211121 P017 | 116 | | |
| 124 | HIFI CP-LT-PY-P . SHD68 | | HCP.- | - | H068 | 021BS-38 | 68 | | | CS-H068 | CVWUCR | 33 | 211121 P017 | 124 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 117 | HIFI CP-LT-SY-P . A | | HCS.- | - | H069 | 031SS-38 | 69 | | | | CVWUCR | 33 | 211121 P017 | 117 | 1H | 1H |
| 118 | HIFI CP-LT-SY-P . RTN | | HCS.- | - | H069 | 031SS-38 | 69 | | | | CVWUCR | 33 | 211121 P017 | 118 | | |
| 125 | HIFI CP-LT-SY-P . B | | HCS.- | - | H069 | 031SS-38 | 69 | | | | CVWUCR | 33 | 211121 P017 | 125 | | |
| 126 | HIFI CP-LT-SY-P . SHD69 | | HCS.- | - | H069 | 031SS-38 | 69 | | | CS-H069 | CVWUCR | 33 | 211121 P017 | 126 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 108 | HIFI CP-AC-R . A | | HCA.- | - | H070 | 041BS-38 | 70 | | | | CVWUCR | 33 | 211121 P017 | 108 | 1H | 1H |
| 098 | HIFI CP-AC-R . ARTN | | HCA.- | - | H070 | 041BS-38 | 70 | | | | CVWUCR | 33 | 211121 P017 | 098 | | |
| 109 | HIFI CP-AC-R . B | | HCA.- | - | H070 | 041BS-38 | 70 | | | | CVWUCR | 33 | 211121 P017 | 109 | | |
| 099 | HIFI CP-AC-R . BRTN | | HCA.- | - | H070 | 041BS-38 | 70 | | | | CVWUCR | 33 | 211121 P017 | 099 | | |
| 097 | HIFI CP-AC-R . SHD70 | | HCA.- | - | H070 | 041BS-38 | 70 | | | CS-H070 | CVWUCR | 33 | 211121 P017 | 097 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 122 | HIFI CP-LT-PY-R . SIG | | HCP.- | - | H071 | 021BS-38 | 71 | | | | CVWUCR | 33 | 211121 P017 | 122 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 311100 J002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 115 | HIFI CP-LT-PY-R . RTN | | HCP.- | - | H071 | 021BS-38 | 71 | | | | CVWUCR | 33 | 211121 P017 | 115 | |
| 105 | HIFI CP-LT-PY-R . SHD71 | | HCP.- | - | H071 | 021BS-38 | 71 | | CS-H071 | | CVWUCR | 33 | 211121 P017 | 105 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 106 | HIFI CP-LT-SY-R . A | | HCS.- | - | H072 | 031SS-38 | 72 | | | | CVWUCR | 33 | 211121 P017 | 106 | 1H 1H |
| 096 | HIFI CP-LT-SY-R . RTN | | HCS.- | - | H072 | 031SS-38 | 72 | | | | CVWUCR | 33 | 211121 P017 | 096 | |
| 107 | HIFI CP-LT-SY-R . B | | HCS.- | - | H072 | 031SS-38 | 72 | | | | CVWUCR | 33 | 211121 P017 | 107 | |
| 095 | HIFI CP-LT-SY-R . SHD72 | | HCS.- | - | H072 | 031SS-38 | 72 | | CS-H072 | | CVWUCR | 33 | 211121 P017 | 095 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 091 | HIFI Therm. S02K P . I | | HT2.- | - | H073 | 041SS-38 | 73 | | | | CVWUCR | 33 | 211121 P017 | 091 | 1H 1H |
| 080 | HIFI Therm. S02K P . IRTN | | HT2.- | - | H073 | 041SS-38 | 73 | | | | CVWUCR | 33 | 211121 P017 | 080 | |
| 092 | HIFI Therm. S02K P . V | | HT2.- | - | H073 | 041SS-38 | 73 | | | | CVWUCR | 33 | 211121 P017 | 092 | |
| 081 | HIFI Therm. S02K P . VRTN | | HT2.- | - | H073 | 041SS-38 | 73 | | | | CVWUCR | 33 | 211121 P017 | 081 | |
| 093 | HIFI Therm. S02K P . SHD73 | | HT2.- | - | H073 | 041SS-38 | 73 | | CS-H073 | | CVWUCR | 33 | 211121 P017 | 093 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 089 | HIFI Therm. S04K P . I | | HT4.- | - | H074 | 041SS-38 | 74 | | | | CVWUCR | 33 | 211121 P017 | 089 | 1H 1H |
| 078 | HIFI Therm. S04K P . IRTN | | HT4.- | - | H074 | 041SS-38 | 74 | | | | CVWUCR | 33 | 211121 P017 | 078 | |
| 090 | HIFI Therm. S04K P . V | | HT4.- | - | H074 | 041SS-38 | 74 | | | | CVWUCR | 33 | 211121 P017 | 090 | |
| 079 | HIFI Therm. S04K P . VRTN | | HT4.- | - | H074 | 041SS-38 | 74 | | | | CVWUCR | 33 | 211121 P017 | 079 | |
| 077 | HIFI Therm. S04K P . SHD74 | | HT4.- | - | H074 | 041SS-38 | 74 | | CS-H074 | | CVWUCR | 33 | 211121 P017 | 077 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 087 | HIFI Therm. S10K R . I | | HT1.- | - | H075 | 041SS-38 | 75 | | | | CVWUCR | 33 | 211121 P017 | 087 | 1H 1H |
| 075 | HIFI Therm. S10K R . IRTN | | HT1.- | - | H075 | 041SS-38 | 75 | | | | CVWUCR | 33 | 211121 P017 | 075 | |
| 088 | HIFI Therm. S10K R . V | | HT1.- | - | H075 | 041SS-38 | 75 | | | | CVWUCR | 33 | 211121 P017 | 088 | |
| 076 | HIFI Therm. S10K R . VRTN | | HT1.- | - | H075 | 041SS-38 | 75 | | | | CVWUCR | 33 | 211121 P017 | 076 | |
| 086 | HIFI Therm. S10K R . SHD75 | | HT1.- | - | H075 | 041SS-38 | 75 | | CS-H075 | | CVWUCR | 33 | 211121 P017 | 086 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 084 | HIFI Therm. S02K R . I | | HT2.- | - | H076 | 041SS-38 | 76 | | | | CVWUCR | 33 | 211121 P017 | 084 | 1H 1H |
| 073 | HIFI Therm. S02K R . IRTN | | HT2.- | - | H076 | 041SS-38 | 76 | | | | CVWUCR | 33 | 211121 P017 | 073 | |
| 085 | HIFI Therm. S02K R . V | | HT2.- | - | H076 | 041SS-38 | 76 | | | | CVWUCR | 33 | 211121 P017 | 085 | |
| 074 | HIFI Therm. S02K R . VRTN | | HT2.- | - | H076 | 041SS-38 | 76 | | | | CVWUCR | 33 | 211121 P017 | 074 | |
| 072 | HIFI Therm. S02K R . SHD76 | | HT2.- | - | H076 | 041SS-38 | 76 | | CS-H076 | | CVWUCR | 33 | 211121 P017 | 072 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 082 | HIFI Therm. S04K R . I | | HT4.- | - | H077 | 041SS-38 | 77 | | | | CVWUCR | 33 | 211121 P017 | 082 | 1H 1H |
| 059 | HIFI Therm. S04K R . IRTN | | HT4.- | - | H077 | 041SS-38 | 77 | | | | CVWUCR | 33 | 211121 P017 | 059 | |

Pin Allocation List

(Harness)

Connector: 311100 J002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|---------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 083 | HIFI Therm. S04K R . V | | HT4.- | - | H077 | 041SS-38 | 77 | | | | CVWUCR | 33 | 211121 P017 | 083 | |
| 071 | HIFI Therm. S04K R . VRTN | | HT4.- | - | H077 | 041SS-38 | 77 | | | | CVWUCR | 33 | 211121 P017 | 071 | |
| 094 | HIFI Therm. S04K R . SH77 | | HT4.- | - | H077 | 041SS-38 | 77 | | | CS-H077 | CVWUCR | 33 | 211121 P017 | | 1H |
| - | | | | | | | | | | | | | | | |
| 069 | HIFI CS-CR-TS-P . I | | HBC.- | - | H078 | 041SS-38 | 78 | | | | CVWUCR | 33 | 211121 P017 | 069 | 1H 1H |
| 057 | HIFI CS-CR-TS-P . IRTN | | HBC.- | - | H078 | 041SS-38 | 78 | | | | CVWUCR | 33 | 211121 P017 | 057 | |
| 070 | HIFI CS-CR-TS-P . V | | HBC.- | - | H078 | 041SS-38 | 78 | | | | CVWUCR | 33 | 211121 P017 | 070 | |
| 058 | HIFI CS-CR-TS-P . VRTN | | HBC.- | - | H078 | 041SS-38 | 78 | | | | CVWUCR | 33 | 211121 P017 | 058 | |
| 068 | HIFI CS-CR-TS-P . SHD78 | | HBC.- | - | H078 | 041SS-38 | 78 | | | CS-H078 | CVWUCR | 33 | 211121 P017 | 068 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 066 | HIFI CS-HR-TS-P . I | | HBH.- | - | H079 | 041SS-38 | 79 | | | | CVWUCR | 33 | 211121 P017 | 066 | 1H 1H |
| 055 | HIFI CS-HR-TS-P . IRTN | | HBH.- | - | H079 | 041SS-38 | 79 | | | | CVWUCR | 33 | 211121 P017 | 055 | |
| 067 | HIFI CS-HR-TS-P . V | | HBH.- | - | H079 | 041SS-38 | 79 | | | | CVWUCR | 33 | 211121 P017 | 067 | |
| 056 | HIFI CS-HR-TS-P . VRTN | | HBH.- | - | H079 | 041SS-38 | 79 | | | | CVWUCR | 33 | 211121 P017 | 056 | |
| 054 | HIFI CS-HR-TS-P . SHD79 | | HBH.- | - | H079 | 041SS-38 | 79 | | | CS-H079 | CVWUCR | 33 | 211121 P017 | 054 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 065 | HIFI CS-HT-P . SIG | | HBT.- | - | H080 | 021BS-38 | 80 | | | | CVWUCR | 33 | 211121 P017 | 065 | 1H 1H |
| 053 | HIFI CS-HT-P . RTN | | HBT.- | - | H080 | 021BS-38 | 80 | | | | CVWUCR | 33 | 211121 P017 | 053 | |
| 064 | HIFI CS-HT-P . SHD80 | | HBT.- | - | H080 | 021BS-38 | 80 | | | CS-H080 | CVWUCR | 33 | 211121 P017 | 064 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 061 | HIFI CS-HR-TS-R . I | | HBH.- | - | H081 | 041SS-38 | 81 | | | | CVWUCR | 33 | 211121 P017 | 061 | 1H 1H |
| 049 | HIFI CS-HR-TS-R . IRTN | | HBH.- | - | H081 | 041SS-38 | 81 | | | | CVWUCR | 33 | 211121 P017 | 049 | |
| 062 | HIFI CS-HR-TS-R . V | | HBH.- | - | H081 | 041SS-38 | 81 | | | | CVWUCR | 33 | 211121 P017 | 062 | |
| 050 | HIFI CS-HR-TS-R . VRTN | | HBH.- | - | H081 | 041SS-38 | 81 | | | | CVWUCR | 33 | 211121 P017 | 050 | |
| 060 | HIFI CS-HR-TS-R . SHD81 | | HBH.- | - | H081 | 041SS-38 | 81 | | | CS-H081 | CVWUCR | 33 | 211121 P017 | 060 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 063 | HIFI CS-HT-R . SIG | | HBT.- | - | H082 | 021BS-38 | 82 | | | | CVWUCR | 33 | 211121 P017 | 063 | 1H 1H |
| 052 | HIFI CS-HT-R . RTN | | HBT.- | - | H082 | 021BS-38 | 82 | | | | CVWUCR | 33 | 211121 P017 | 052 | |
| 051 | HIFI CS-HT-R . SHD82 | | HBT.- | - | H082 | 021BS-38 | 82 | | | CS-H082 | CVWUCR | 33 | 211121 P017 | 051 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 035 | HIFI DP3-AC-H . SIG | | HDP.- | - | H083 | 021BS-38 | 83 | | | | CVWUCR | 33 | 211121 P017 | 035 | 3H 3H |
| 047 | HIFI DP3-AC-H . RTN | | HDP.- | - | H083 | 021BS-38 | 83 | | | | CVWUCR | 33 | 211121 P017 | 047 | 3H 3H |
| 046 | HIFI DP3-AC-H . SHD83 | | HDP.- | - | H083 | 021BS-38 | 83 | | | CS-H083 | CVWUCR | 33 | 211121 P017 | 046 | 1H 1H |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 311100 J002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 045 | HIFI DP4-AC-H . SIG | | HDP.- | - | H084 | 021BS-38 | 84 | | | | CVVUCR | 33 | 211121 P017 | 045 | 1H | 1H |
| 034 | HIFI DP4-AC-H . RTN | | HDP.- | - | H084 | 021BS-38 | 84 | | | | CVVUCR | 33 | 211121 P017 | 034 | | |
| 033 | HIFI DP4-AC-H . SHD84 | | HDP.- | - | H084 | 021BS-38 | 84 | | CS-H084 | | CVVUCR | 33 | 211121 P017 | 033 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 044 | HIFI DP5-AC-H . SIG | | HDP.- | - | H085 | 021BS-38 | 85 | | | | CVVUCR | 33 | 211121 P017 | 044 | 1H | 1H |
| 032 | HIFI DP5-AC-H . RTN | | HDP.- | - | H085 | 021BS-38 | 85 | | | | CVVUCR | 33 | 211121 P017 | 032 | | |
| 043 | HIFI DP5-AC-H . SHD85 | | HDP.- | - | H085 | 021BS-38 | 85 | | CS-H085 | | CVVUCR | 33 | 211121 P017 | 043 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 042 | HIFI DP6-AC-H . SIG | | HDP.1 | - | H086 | 031BS-38 | 86 | | | | CVVUCR | 33 | 211121 P017 | 042 | 1H | 1H |
| 031 | HIFI DP6-AC-H . RTN | | HDP.1 | - | H086 | 031BS-38 | 86 | | | | CVVUCR | 33 | 211121 P017 | 031 | | |
| 030 | HIFI DP6-AC-H . SHD86 | | HDP.1 | - | H086 | 031BS-38 | 86 | | CS-H086 | | CVVUCR | 33 | 211121 P017 | 030 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 041 | HIFI DP7-AC-H . SIG | | HDP.- | - | H087 | 021BS-38 | 87 | | | | CVVUCR | 33 | 211121 P017 | 041 | 1H | 1H |
| 029 | HIFI DP7-AC-H . RTN | | HDP.- | - | H087 | 021BS-38 | 87 | | | | CVVUCR | 33 | 211121 P017 | 029 | | |
| 040 | HIFI DP7-AC-H . SHD87 | | HDP.- | - | H087 | 021BS-38 | 87 | | CS-H087 | | CVVUCR | 33 | 211121 P017 | 040 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 014 | HIFI DP3-AC-V . SIG | | HDP.- | - | H088 | 021BS-38 | 88 | | | | CVVUCR | 33 | 211121 P017 | 014 | 3H | 3H |
| 024 | HIFI DP3-AC-V . RTN | | HDP.- | - | H088 | 021BS-38 | 88 | | | | CVVUCR | 33 | 211121 P017 | 024 | 3H | 3H |
| 023 | HIFI DP3-AC-V . SHD88 | | HDP.- | - | H088 | 021BS-38 | 88 | | CS-H088 | | CVVUCR | 33 | 211121 P017 | 023 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 022 | HIFI DP4-AC-V . SIG | | HDP.- | - | H089 | 021BS-38 | 89 | | | | CVVUCR | 33 | 211121 P017 | 022 | 1H | 1H |
| 013 | HIFI DP4-AC-V . RTN | | HDP.- | - | H089 | 021BS-38 | 89 | | | | CVVUCR | 33 | 211121 P017 | 013 | | |
| 021 | HIFI DP4-AC-V . SHD89 | | HDP.- | - | H089 | 021BS-38 | 89 | | CS-H089 | | CVVUCR | 33 | 211121 P017 | 021 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 020 | HIFI DP5-AC-V . SIG | | HDP.- | - | H090 | 021BS-38 | 90 | | | | CVVUCR | 33 | 211121 P017 | 020 | 1H | 1H |
| 012 | HIFI DP5-AC-V . RTN | | HDP.- | - | H090 | 021BS-38 | 90 | | | | CVVUCR | 33 | 211121 P017 | 012 | | |
| 011 | HIFI DP5-AC-V . SHD90 | | HDP.- | - | H090 | 021BS-38 | 90 | | CS-H090 | | CVVUCR | 33 | 211121 P017 | 011 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI DP6-AC-V . SIG | | HDP.1 | - | H091 | 031BS-38 | 91 | | | | CVVUCR | 33 | 211121 P017 | 015 | 1H | 1H |
| 010 | HIFI DP6-AC-V . RTN | | HDP.1 | - | H091 | 031BS-38 | 91 | | | | CVVUCR | 33 | 211121 P017 | 010 | | |
| 018 | HIFI DP6-AC-V . SHD91 | | HDP.1 | - | H091 | 031BS-38 | 91 | | CS-H091 | | CVVUCR | 33 | 211121 P017 | 018 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 017 | HIFI DP7-AC-V . SIG | | HDP.- | - | H092 | 021BS-38 | 92 | | | | CVVUCR | 33 | 211121 P017 | 017 | 1H | 1H |
| 009 | HIFI DP7-AC-V . RTN | | HDP.- | - | H092 | 021BS-38 | 92 | | | | CVVUCR | 33 | 211121 P017 | 009 | | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 193 (of 474)

Connector: 311100 J002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 03

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|---|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 028 | HIFI DP7-AC-V . SHD92 | | HDP.- | - | H092 | 021BS-38 | | | 92 | CS-H092 | CVVUCR | 33 | 211121 P017 | 028 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| - | 18 pins are NC | | | | | | | | | The following Pins are NC : | | | | | | |
| - | | | | | | | | | | ;001 ;002 ;003 ;004 ;005 ;006 ;007 ;008 ;016 ;019 ;025 ;026 ;027 ;036 ;037 ;038 ;039 ;048 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 194 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P001
Item: HHL0U

Function / Bundle: HIFI LOU SIH-XH-06

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 1A D . 1A | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | HHSVMCB2 | 26 | 311200 J005 | 078 | 3H 3H 3H | |
| 001 | HIFI LOA 1A D . 1B | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | HHSVMCB2 | 26 | 311200 J005 | 089 | 3H 3H 3H | |
| 018 | HIFI LOA 1A D . 1* | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | HHSVMCB2 | 26 | 311200 J005 | 090 | 3H 3H 3H | |
| 034 | HIFI LOA 1A D . 1RTNA | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | HHSVMCB2 | 26 | 311200 J005 | 100 | 3H 3H 3H | |
| 034 | HIFI LOA 1A D . 1RTNB | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | HHSVMCB2 | 26 | 311200 J005 | 101 | 3H 3H 3H | |
| 035 | HIFI LOA 1A D . 1RTN* | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | HHSVMCB2 | 26 | 311200 J005 | 079 | 3H 3H 3H | |
| 041 | HIFI LOA 1A D . SHD11 | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | CS-101-1 | HHSVMCB2 | 26 | 311200 J005 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 1A D . 2A | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | HHSVMCB2 | 26 | 311200 J005 | 055 | 3H 3H 3H | |
| 002 | HIFI LOA 1A D . 2B | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | HHSVMCB2 | 26 | 311200 J005 | 056 | 3H 3H 3H | |
| 003 | HIFI LOA 1A D . 2* | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | HHSVMCB2 | 26 | 311200 J005 | 067 | 3H 3H 3H | |
| 019 | HIFI LOA 1A D . 2RTNA | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | HHSVMCB2 | 26 | 311200 J005 | 044 | 3H 3H 3H | |
| 019 | HIFI LOA 1A D . 2RTNB | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | HHSVMCB2 | 26 | 311200 J005 | 045 | 3H 3H 3H | |
| 036 | HIFI LOA 1A D . 2RTN* | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | HHSVMCB2 | 26 | 311200 J005 | 066 | 3H 3H 3H | |
| 041 | HIFI LOA 1A D . SHD12 | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | CS-101-2 | HHSVMCB2 | 26 | 311200 J005 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 1A G . 1 | | HLG.- | - | H102 | TS2CM-28 | 21 | 102-1 | | HHSVMCB2 | 26 | 311200 J005 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 1A G . 1RTN | | HLG.- | - | H102 | TS2CM-28 | 21 | 102-1 | | HHSVMCB2 | 26 | 311200 J005 | 098 | 3H 3H 3H | |
| 042 | HIFI LOA 1A G . SHD21 | | HLG.- | - | H102 | TS2CM-28 | 21 | 102-1 | CS-102-1 | HHSVMCB2 | 26 | 311200 J005 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 1A G . 2 | | HLG.- | - | H102 | TS2CM-28 | 22 | 102-2 | | HHSVMCB2 | 26 | 311200 J005 | 086 | 3H 3H 3H | |
| 037 | HIFI LOA 1A G . 2RTN | | HLG.- | - | H102 | TS2CM-28 | 22 | 102-2 | | HHSVMCB2 | 26 | 311200 J005 | 085 | 3H 3H 3H | |
| 042 | HIFI LOA 1A G . SHD22 | | HLG.- | - | H102 | TS2CM-28 | 22 | 102-2 | CS-102-2 | HHSVMCB2 | 26 | 311200 J005 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 1A . D1S | | HLX.- | - | H103 | TP4SS-38 | 3 | 1 | | HHSVMCB2 | 26 | 311200 J005 | 118 | 3H 3H 3H | |
| 039 | HIFI LOA 1A . D1SRT | | HLX.- | - | H103 | TP4SS-38 | 3 | 1 | | HHSVMCB2 | 26 | 311200 J005 | 126 | 3H 3H 3H | |
| 007 | HIFI LOA 1A . D2S | | HLX.- | - | H103 | TP4SS-38 | 3 | 2 | | HHSVMCB2 | 26 | 311200 J005 | 119 | 3H 3H 3H | |
| 040 | HIFI LOA 1A . D2SRT | | HLX.- | - | H103 | TP4SS-38 | 3 | 2 | | HHSVMCB2 | 26 | 311200 J005 | 110 | 3H 3H 3H | |
| 005 | HIFI LOA 1A . G1S | | HLX.- | - | H103 | TP4SS-38 | 3 | 3 | | HHSVMCB2 | 26 | 311200 J005 | 127 | 3H 3H 3H | |
| 038 | HIFI LOA 1A . G1SRT | | HLX.- | - | H103 | TP4SS-38 | 3 | 3 | | HHSVMCB2 | 26 | 311200 J005 | 128 | 3H 3H 3H | |
| 006 | HIFI LOA 1A . G2S | | HLX.- | - | H103 | TP4SS-38 | 3 | 4 | | HHSVMCB2 | 26 | 311200 J005 | 111 | 3H 3H 3H | |
| 022 | HIFI LOA 1A . G2SRT | | HLX.- | - | H103 | TP4SS-38 | 3 | 4 | | HHSVMCB2 | 26 | 311200 J005 | 120 | 3H 3H 3H | |
| 043 | HIFI LOA 1A . SHD03 | | HLX.- | - | H103 | TP4SS-38 | 3 | | CS-H103 | HHSVMCB2 | 26 | 311200 J005 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 111200 P001

Function / Bundle: HIFI LOU SIH-XH-06

Conn.-Type: SCC340100201BDDMA50PNMBFO

Item: HHLOU

Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|--|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 1A T . VP | | HLT.- | - | H104 | 041SS-38 | 4 | | | | HHSVMCB2 | 26 | 311200 J005 | 092 | 3H 3H 3H |
| 009 | HIFI LOA 1A T . VN | | HLT.- | - | H104 | 041SS-38 | 4 | | | | HHSVMCB2 | 26 | 311200 J005 | 104 | 3H 3H 3H |
| 024 | HIFI LOA 1A T . IP | | HLT.- | - | H104 | 041SS-38 | 4 | | | | HHSVMCB2 | 26 | 311200 J005 | 093 | 3H 3H 3H |
| 025 | HIFI LOA 1A T . IN | | HLT.- | - | H104 | 041SS-38 | 4 | | | | HHSVMCB2 | 26 | 311200 J005 | 081 | 3H 3H 3H |
| 027 | HIFI LOA 1A T . SHD04 | | HLT.- | - | H104 | 041SS-38 | 4 | | | CS-H104 | HHSVMCB2 | 26 | 311200 J005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 1A P . L | | HLP.- | - | H105 | TS2CM-28 | 5 | | | | HHSVMCB2 | 26 | 311200 J005 | 039 | 3H 3H 3H |
| 026 | HIFI LOA 1A P . LRTN | | HLP.- | - | H105 | TS2CM-28 | 5 | | | | HHSVMCB2 | 26 | 311200 J005 | 040 | 3H 3H 3H |
| 044 | HIFI LOA 1A P . SHD05 | | HLP.- | - | H105 | TS2CM-28 | 5 | | | CS-H105 | HHSVMCB2 | 26 | 311200 J005 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 1A MS . 1 | | HL1.- | - | H106 | TP2SS-38 | 6 | | 1 | | HHSVMCB2 | 26 | 311200 J005 | 117 | 3H 3H 3H |
| 047 | HIFI LOA 1A MS . 1RTN | HL1 | HL1.- | - | H106 | TP2SS-38 | 6 | | 1 | | HHSVMCB2 | 26 | 311200 J005 | 124 | 3H 3H 3H |
| 013 | HIFI LOA 1A MS . 2 | HL1 | HL1.- | - | H106 | TP2SS-38 | 6 | | 2 | | HHSVMCB2 | 26 | 311200 J005 | 123 | 3H 3H 3H |
| 046 | HIFI LOA 1A MS . 2RTN | HL1 | HL1.- | - | H106 | TP2SS-38 | 6 | | 2 | | HHSVMCB2 | 26 | 311200 J005 | 116 | 3H 3H 3H |
| 028 | HIFI LOA 1A MS . SH106 | | HL1.- | - | H106 | TP2SS-38 | 6 | | | CS-H106 | HHSVMCB2 | 26 | 311200 J005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 1A M . 1 | | HL5.- | - | H107 | 021BS-38 | 7 | | | | HHSVMCB2 | 26 | 311200 J005 | 112 | 3H 3H 3H |
| 049 | HIFI LOA 1A M . 1RTN | | HL5.- | - | H107 | 021BS-38 | 7 | | | | HHSVMCB2 | 26 | 311200 J005 | 121 | 3H 3H 3H |
| 031 | HIFI LOA 1A M . SHD71 | | HL5.- | - | H107 | 021BS-38 | 7 | | | CS-107-1 | HHSVMCB2 | 26 | 311200 J005 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 1A M . 2 | | HL5.- | - | H107 | 021BS-38 | 7 | | | | HHSVMCB2 | 26 | 311200 J005 | 113 | 3H 3H 3H |
| 050 | HIFI LOA 1A M . 2RTN | | HL5.- | - | H107 | 021BS-38 | 7 | | | | HHSVMCB2 | 26 | 311200 J005 | 102 | 3H 3H 3H |
| 031 | HIFI LOA 1A M . SHD72 | | HL5.- | - | H107 | 021BS-38 | 7 | | | CS-107-2 | HHSVMCB2 | 26 | 311200 J005 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | |
| - | 9 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;012 ;015 ;029 ;030 ;032 ;033 ;045 ;048 | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P003
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-06

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-------------|----------|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 2A D . 1A | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | HHSVMCB2 | 26 | 311200 J005 | 064 | 3H 3H 3H | |
| 001 | HIFI LOA 2A D . 1B | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | HHSVMCB2 | 26 | 311200 J005 | 087 | 3H 3H 3H | |
| 018 | HIFI LOA 2A D . 1* | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | HHSVMCB2 | 26 | 311200 J005 | 088 | 3H 3H 3H | |
| 034 | HIFI LOA 2A D . 1RTNA | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | HHSVMCB2 | 26 | 311200 J005 | 075 | 3H 3H 3H | |
| 034 | HIFI LOA 2A D . 1RTNB | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | HHSVMCB2 | 26 | 311200 J005 | 076 | 3H 3H 3H | |
| 035 | HIFI LOA 2A D . 1RTN* | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | HHSVMCB2 | 26 | 311200 J005 | 099 | 3H 3H 3H | |
| 041 | HIFI LOA 2A D . SHD91 | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | CS-201-1 | HHSVMCB2 | 26 | 311200 J005 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 2A D . 2A | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | HHSVMCB2 | 26 | 311200 J005 | 031 | 3H 3H 3H | |
| 002 | HIFI LOA 2A D . 2B | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | HHSVMCB2 | 26 | 311200 J005 | 053 | 3H 3H 3H | |
| 003 | HIFI LOA 2A D . 2* | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | HHSVMCB2 | 26 | 311200 J005 | 054 | 3H 3H 3H | |
| 019 | HIFI LOA 2A D . 2RTNA | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | HHSVMCB2 | 26 | 311200 J005 | 042 | 3H 3H 3H | |
| 019 | HIFI LOA 2A D . 2RTNB | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | HHSVMCB2 | 26 | 311200 J005 | 043 | 3H 3H 3H | |
| 036 | HIFI LOA 2A D . 2RTN* | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | HHSVMCB2 | 26 | 311200 J005 | 065 | 3H 3H 3H | |
| 041 | HIFI LOA 2A D . SHD92 | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | CS-201-2 | HHSVMCB2 | 26 | 311200 J005 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 2A G . 1 | | HLG.- | - | H202 | TS2CM-28 | 81 | 202-1 | | HHSVMCB2 | 26 | 311200 J005 | 063 | 3H 3H 3H | |
| 020 | HIFI LOA 2A G . 1RTN | | HLG.- | - | H202 | TS2CM-28 | 81 | 202-1 | | HHSVMCB2 | 26 | 311200 J005 | 062 | 3H 3H 3H | |
| 042 | HIFI LOA 2A G . SHD81 | | HLG.- | - | H202 | TS2CM-28 | 81 | 202-1 | CS-202-1 | HHSVMCB2 | 26 | 311200 J005 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 2A G . 2 | | HLG.- | - | H202 | TS2CM-28 | 82 | 202-2 | | HHSVMCB2 | 26 | 311200 J005 | 051 | 3H 3H 3H | |
| 037 | HIFI LOA 2A G . 2RTN | | HLG.- | - | H202 | TS2CM-28 | 82 | 202-2 | | HHSVMCB2 | 26 | 311200 J005 | 052 | 3H 3H 3H | |
| 042 | HIFI LOA 2A G . SHD82 | | HLG.- | - | H202 | TS2CM-28 | 82 | 202-2 | CS-202-2 | HHSVMCB2 | 26 | 311200 J005 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 2A . D1S | | HLX.- | - | H203 | TP4SS-38 | 30 | | 1 | | HHSVMCB2 | 26 | 311200 J005 | 037 | 3H 3H 3H |
| 039 | HIFI LOA 2A . D1SRT | | HLX.- | - | H203 | TP4SS-38 | 30 | | 1 | | HHSVMCB2 | 26 | 311200 J005 | 049 | 3H 3H 3H |
| 007 | HIFI LOA 2A . D2S | | HLX.- | - | H203 | TP4SS-38 | 30 | | 2 | | HHSVMCB2 | 26 | 311200 J005 | 038 | 3H 3H 3H |
| 040 | HIFI LOA 2A . D2SRT | | HLX.- | - | H203 | TP4SS-38 | 30 | | 2 | | HHSVMCB2 | 26 | 311200 J005 | 026 | 3H 3H 3H |
| 005 | HIFI LOA 2A . G1S | | HLX.- | - | H203 | TP4SS-38 | 30 | | 3 | | HHSVMCB2 | 26 | 311200 J005 | 016 | 3H 3H 3H |
| 038 | HIFI LOA 2A . G1SRT | | HLX.- | - | H203 | TP4SS-38 | 30 | | 3 | | HHSVMCB2 | 26 | 311200 J005 | 027 | 3H 3H 3H |
| 006 | HIFI LOA 2A . G2S | | HLX.- | - | H203 | TP4SS-38 | 30 | | 4 | | HHSVMCB2 | 26 | 311200 J005 | 015 | 3H 3H 3H |
| 022 | HIFI LOA 2A . G2SRT | | HLX.- | - | H203 | TP4SS-38 | 30 | | 4 | | HHSVMCB2 | 26 | 311200 J005 | 008 | 3H 3H 3H |
| 043 | HIFI LOA 2A . SHD30 | | HLX.- | - | H203 | TP4SS-38 | 30 | | | CS-H203 | HHSVMCB2 | 26 | 311200 J005 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P003
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-06

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|--------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 2A T . VP | | HLT.- | - | H204 | 041SS-38 | 45 | | | | HHSVMCB2 | 26 | 311200 J005 | 009 | 3H 3H 3H |
| 009 | HIFI LOA 2A T . VN | | HLT.- | - | H204 | 041SS-38 | 45 | | | | HHSVMCB2 | 26 | 311200 J005 | 017 | 3H 3H 3H |
| 024 | HIFI LOA 2A T . IP | | HLT.- | - | H204 | 041SS-38 | 45 | | | | HHSVMCB2 | 26 | 311200 J005 | 001 | 3H 3H 3H |
| 025 | HIFI LOA 2A T . IN | | HLT.- | - | H204 | 041SS-38 | 45 | | | | HHSVMCB2 | 26 | 311200 J005 | 002 | 3H 3H 3H |
| 027 | HIFI LOA 2A T . SHD45 | | HLT.- | - | H204 | 041SS-38 | 45 | | CS-H204 | | HHSVMCB2 | 26 | 311200 J005 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 2A P . L | | HLP.- | - | H205 | TS2CM-28 | 6 | | | | HHSVMCB2 | 26 | 311200 J005 | 029 | 1H 3H 3H |
| 026 | HIFI LOA 2A P . LRTN | | HLP.- | - | H205 | TS2CM-28 | 6 | | | | HHSVMCB2 | 26 | 311200 J005 | 030 | 1H 3H 3H |
| 044 | HIFI LOA 2A P . SH205 | | HLP.- | - | H205 | TS2CM-28 | 6 | | CS-H205 | | HHSVMCB2 | 26 | 311200 J005 | | 1H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 2A MS . 1 | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J005 | 058 | 3H 3H 3H |
| 047 | HIFI LOA 2A MS . 1RTN | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J005 | 057 | 3H 3H 3H |
| 013 | HIFI LOA 2A MS . 2 | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J005 | 046 | 3H 3H 3H |
| 046 | HIFI LOA 2A MS . 2RTN | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J005 | 047 | 3H 3H 3H |
| 028 | HIFI LOA 2A MS . SHD60 | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | | CS-206-0 | HHSVMCB2 | 26 | 311200 J005 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 2A MS . 3 | | HL2.- | - | H206 | X10SS-38 | 63 | 206-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J005 | 034 | 3H 3H 3H |
| 045 | HIFI LOA 2A MS . 3RTN | | HL2.- | - | H206 | X10SS-38 | 63 | 206-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J005 | 035 | 3H 3H 3H |
| 028 | HIFI LOA 2A MS . SHD63 | | HL2.- | - | H206 | X10SS-38 | 63 | 206-3 | | CS-206-3 | HHSVMCB2 | 26 | 311200 J005 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 2A M . 1 | | HL6.- | - | H207 | 021BS-38 | 75 | 207-1 | | | HHSVMCB2 | 26 | 311200 J005 | 032 | 3H 3H 3H |
| 048 | HIFI LOA 2A M . 1RTN | | HL6.- | - | H207 | 021BS-38 | 75 | 207-1 | | | HHSVMCB2 | 26 | 311200 J005 | 033 | 3H 3H 3H |
| 031 | HIFI LOA 2A M . SHD75 | | HL6.- | - | H207 | 021BS-38 | 75 | 207-1 | | CS-207-1 | HHSVMCB2 | 26 | 311200 J005 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 2A M . 2 | | HL6.- | - | H207 | 021BS-38 | 76 | 207-2 | | | HHSVMCB2 | 26 | 311200 J005 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 2A M . 2RTN | | HL6.- | - | H207 | 021BS-38 | 76 | 207-2 | | | HHSVMCB2 | 26 | 311200 J005 | 022 | 3H 3H 3H |
| 031 | HIFI LOA 2A M . SHD76 | | HL6.- | - | H207 | 021BS-38 | 76 | 207-2 | | CS-207-2 | HHSVMCB2 | 26 | 311200 J005 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 2A M . 3 | | HL6.- | - | H207 | 021BS-38 | 77 | 207-3 | | | HHSVMCB2 | 26 | 311200 J005 | 014 | 3H 3H 3H |
| 050 | HIFI LOA 2A M . 3RTN | | HL6.- | - | H207 | 021BS-38 | 77 | 207-3 | | | HHSVMCB2 | 26 | 311200 J005 | 007 | 3H 3H 3H |
| 031 | HIFI LOA 2A M . SHD77 | | HL6.- | - | H207 | 021BS-38 | 77 | 207-3 | | CS-207-3 | HHSVMCB2 | 26 | 311200 J005 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 199 (of 474)

Connector: 111200 P003
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-06

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|-----------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | 5 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;029 ;030 ;032 ;033 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1

Date : 16.12.2005

Sheet : 200 (of 474)

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Pin Allocation List

(Harness)

Connector: 311200 J005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 1A D . 1A | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | | HHLOU | 44 | 111200 P001 | 001 | 3H 3H 3H |
| 089 | HIFI LOA 1A D . 1B | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | | HHLOU | 44 | 111200 P001 | 001 | 3H 3H 3H |
| 090 | HIFI LOA 1A D . 1* | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | | HHLOU | 44 | 111200 P001 | 018 | 3H 3H 3H |
| 100 | HIFI LOA 1A D . 1RTNA | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | | HHLOU | 44 | 111200 P001 | 034 | 3H 3H 3H |
| 101 | HIFI LOA 1A D . 1RTNB | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | | HHLOU | 44 | 111200 P001 | 034 | 3H 3H 3H |
| 079 | HIFI LOA 1A D . 1RTN* | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | | HHLOU | 44 | 111200 P001 | 035 | 3H 3H 3H |
| 068 | HIFI LOA 1A D . SHD11 | | HLD.- | - | H101 | TS6CM-22 | 11 | 101-1 | | CS-101-1 | HHLOU | 44 | 111200 P001 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 055 | HIFI LOA 1A D . 2A | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | | HHLOU | 44 | 111200 P001 | 002 | 3H 3H 3H |
| 056 | HIFI LOA 1A D . 2B | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | | HHLOU | 44 | 111200 P001 | 002 | 3H 3H 3H |
| 067 | HIFI LOA 1A D . 2* | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | | HHLOU | 44 | 111200 P001 | 003 | 3H 3H 3H |
| 044 | HIFI LOA 1A D . 2RTNA | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | | HHLOU | 44 | 111200 P001 | 019 | 3H 3H 3H |
| 045 | HIFI LOA 1A D . 2RTNB | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | | HHLOU | 44 | 111200 P001 | 019 | 3H 3H 3H |
| 066 | HIFI LOA 1A D . 2RTN* | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | | HHLOU | 44 | 111200 P001 | 036 | 3H 3H 3H |
| 068 | HIFI LOA 1A D . SHD12 | | HLD.- | - | H101 | TS6CM-22 | 12 | 101-2 | | CS-101-2 | HHLOU | 44 | 111200 P001 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 097 | HIFI LOA 1A G . 1 | | HLG.- | - | H102 | TS2CM-28 | 21 | 102-1 | | | HHLOU | 44 | 111200 P001 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 1A G . 1RTN | | HLG.- | - | H102 | TS2CM-28 | 21 | 102-1 | | | HHLOU | 44 | 111200 P001 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 1A G . SHD21 | | HLG.- | - | H102 | TS2CM-28 | 21 | 102-1 | | CS-102-1 | HHLOU | 44 | 111200 P001 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 1A G . 2 | | HLG.- | - | H102 | TS2CM-28 | 22 | 102-2 | | | HHLOU | 44 | 111200 P001 | 021 | 3H 3H 3H |
| 085 | HIFI LOA 1A G . 2RTN | | HLG.- | - | H102 | TS2CM-28 | 22 | 102-2 | | | HHLOU | 44 | 111200 P001 | 037 | 3H 3H 3H |
| 074 | HIFI LOA 1A G . SHD22 | | HLG.- | - | H102 | TS2CM-28 | 22 | 102-2 | | CS-102-2 | HHLOU | 44 | 111200 P001 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 118 | HIFI LOA 1A . D1S | | HLX.- | - | H103 | TP4SS-38 | 3 | | 1 | | HHLOU | 44 | 111200 P001 | 023 | 3H 3H 3H |
| 126 | HIFI LOA 1A . D1SRT | | HLX.- | - | H103 | TP4SS-38 | 3 | | 1 | | HHLOU | 44 | 111200 P001 | 039 | 3H 3H 3H |
| 119 | HIFI LOA 1A . D2S | | HLX.- | - | H103 | TP4SS-38 | 3 | | 2 | | HHLOU | 44 | 111200 P001 | 007 | 3H 3H 3H |
| 110 | HIFI LOA 1A . D2SRT | | HLX.- | - | H103 | TP4SS-38 | 3 | | 2 | | HHLOU | 44 | 111200 P001 | 040 | 3H 3H 3H |
| 127 | HIFI LOA 1A . G1S | | HLX.- | - | H103 | TP4SS-38 | 3 | | 3 | | HHLOU | 44 | 111200 P001 | 005 | 3H 3H 3H |
| 128 | HIFI LOA 1A . G1SRT | | HLX.- | - | H103 | TP4SS-38 | 3 | | 3 | | HHLOU | 44 | 111200 P001 | 038 | 3H 3H 3H |
| 111 | HIFI LOA 1A . G2S | | HLX.- | - | H103 | TP4SS-38 | 3 | | 4 | | HHLOU | 44 | 111200 P001 | 006 | 3H 3H 3H |
| 120 | HIFI LOA 1A . G2SRT | | HLX.- | - | H103 | TP4SS-38 | 3 | | 4 | | HHLOU | 44 | 111200 P001 | 022 | 3H 3H 3H |
| 109 | HIFI LOA 1A . SHD03 | | HLX.- | - | H103 | TP4SS-38 | 3 | | | CS-H103 | HHLOU | 44 | 111200 P001 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311200 J005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 092 | HIFI LOA 1A T . VP | | HLT.- | - | H104 | 041SS-38 | 4 | | | | HHLOU | 44 | 111200 P001 | 008 | 3H 3H 3H |
| 104 | HIFI LOA 1A T . VN | | HLT.- | - | H104 | 041SS-38 | 4 | | | | HHLOU | 44 | 111200 P001 | 009 | 3H 3H 3H |
| 093 | HIFI LOA 1A T . IP | | HLT.- | - | H104 | 041SS-38 | 4 | | | | HHLOU | 44 | 111200 P001 | 024 | 3H 3H 3H |
| 081 | HIFI LOA 1A T . IN | | HLT.- | - | H104 | 041SS-38 | 4 | | | | HHLOU | 44 | 111200 P001 | 025 | 3H 3H 3H |
| 070 | HIFI LOA 1A T . SHD04 | | HLT.- | - | H104 | 041SS-38 | 4 | | | CS-H104 | HHLOU | 44 | 111200 P001 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 039 | HIFI LOA 1A P . L | | HLP.- | - | H105 | TS2CM-28 | 5 | | | | HHLOU | 44 | 111200 P001 | 010 | 3H 3H 3H |
| 040 | HIFI LOA 1A P . LRTN | | HLP.- | - | H105 | TS2CM-28 | 5 | | | | HHLOU | 44 | 111200 P001 | 026 | 3H 3H 3H |
| 028 | HIFI LOA 1A P . SHD05 | | HLP.- | - | H105 | TS2CM-28 | 5 | | | CS-H105 | HHLOU | 44 | 111200 P001 | 044 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 117 | HIFI LOA 1A MS . 1 | | HL1.- | - | H106 | TP2SS-38 | 6 | | 1 | | HHLOU | 44 | 111200 P001 | 014 | 3H 3H 3H |
| 124 | HIFI LOA 1A MS . 1RTN | | HL1.- | - | H106 | TP2SS-38 | 6 | | 1 | | HHLOU | 44 | 111200 P001 | 047 | 3H 3H 3H |
| 123 | HIFI LOA 1A MS . 2 | | HL1.- | - | H106 | TP2SS-38 | 6 | | 2 | | HHLOU | 44 | 111200 P001 | 013 | 3H 3H 3H |
| 116 | HIFI LOA 1A MS . 2RTN | | HL1.- | - | H106 | TP2SS-38 | 6 | | 2 | | HHLOU | 44 | 111200 P001 | 046 | 3H 3H 3H |
| 125 | HIFI LOA 1A MS . SH106 | | HL1.- | - | H106 | TP2SS-38 | 6 | | | CS-H106 | HHLOU | 44 | 111200 P001 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 1A M . 1 | | HL5.- | - | H107 | 021BS-38 | 71 | | | | HHLOU | 44 | 111200 P001 | 016 | 3H 3H 3H |
| 121 | HIFI LOA 1A M . 1RTN | | HL5.- | - | H107 | 021BS-38 | 71 | | | | HHLOU | 44 | 111200 P001 | 049 | 3H 3H 3H |
| 091 | HIFI LOA 1A M . SHD71 | | HL5.- | - | H107 | 021BS-38 | 71 | | | CS- H107-1 | HHLOU | 44 | 111200 P001 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 1A M . 2 | | HL5.- | - | H107 | 021BS-38 | 72 | | | | HHLOU | 44 | 111200 P001 | 017 | 3H 3H 3H |
| 102 | HIFI LOA 1A M . 2RTN | | HL5.- | - | H107 | 021BS-38 | 72 | | | | HHLOU | 44 | 111200 P001 | 050 | 3H 3H 3H |
| 091 | HIFI LOA 1A M . SHD72 | | HL5.- | - | H107 | 021BS-38 | 72 | | | CS- H107-2 | HHLOU | 44 | 111200 P001 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 2A D . 1A | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | | HHLOU | 44 | 111200 P003 | 001 | 3H 3H 3H |
| 087 | HIFI LOA 2A D . 1B | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | | HHLOU | 44 | 111200 P003 | 001 | 3H 3H 3H |
| 088 | HIFI LOA 2A D . 1* | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | | HHLOU | 44 | 111200 P003 | 018 | 3H 3H 3H |
| 075 | HIFI LOA 2A D . 1RTNA | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | | HHLOU | 44 | 111200 P003 | 034 | 3H 3H 3H |
| 076 | HIFI LOA 2A D . 1RTNB | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | | HHLOU | 44 | 111200 P003 | 034 | 3H 3H 3H |
| 099 | HIFI LOA 2A D . 1RTN* | | HLD.- | - | H201 | TS6CM-22 | 91 | 201-1 | | | HHLOU | 44 | 111200 P003 | 035 | 3H 3H 3H |
| 077 | HIFI LOA 2A D . SHD91 | | HLD.- | - | H201 | TS6CM-22 | 91 | | | CS-201-1 | HHLOU | 44 | 111200 P003 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 031 | HIFI LOA 2A D . 2A | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | | HHLOU | 44 | 111200 P003 | 002 | 3H 3H 3H |
| 053 | HIFI LOA 2A D . 2B | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | | HHLOU | 44 | 111200 P003 | 002 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 J005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 054 | HIFI LOA 2A D . 2* | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | | HHLOU | 44 | 111200 P003 | 003 | 3H 3H 3H |
| 042 | HIFI LOA 2A D . 2RTNA | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | | HHLOU | 44 | 111200 P003 | 019 | 3H 3H 3H |
| 043 | HIFI LOA 2A D . 2RTNB | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | | HHLOU | 44 | 111200 P003 | 019 | 3H 3H 3H |
| 065 | HIFI LOA 2A D . 2RTN* | | HLD.- | - | H201 | TS6CM-22 | 92 | 201-2 | | | HHLOU | 44 | 111200 P003 | 036 | 3H 3H 3H |
| 077 | HIFI LOA 2A D . SHD92 | | HLD.- | - | H201 | TS6CM-22 | 92 | | CS-201-2 | | HHLOU | 44 | 111200 P003 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 063 | HIFI LOA 2A G . 1 | | HLG.- | - | H202 | TS2CM-28 | 81 | 202-1 | | | HHLOU | 44 | 111200 P003 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 2A G . 1RTN | | HLG.- | - | H202 | TS2CM-28 | 81 | 202-1 | | | HHLOU | 44 | 111200 P003 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 2A G . SHD81 | | HLG.- | - | H202 | TS2CM-28 | 81 | 202-1 | CS-H202 | | HHLOU | 44 | 111200 P003 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 2A G . 2 | | HLG.- | - | H202 | TS2CM-28 | 82 | 202-2 | | | HHLOU | 44 | 111200 P003 | 021 | 3H 3H 3H |
| 052 | HIFI LOA 2A G . 2RTN | | HLG.- | - | H202 | TS2CM-28 | 82 | 202-2 | | | HHLOU | 44 | 111200 P003 | 037 | 3H 3H 3H |
| 073 | HIFI LOA 2A G . SHD82 | | HLG.- | - | H202 | TS2CM-28 | 82 | 202-2 | CS-H202 | | HHLOU | 44 | 111200 P003 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 037 | HIFI LOA 2A . D1S | | HLX.- | - | H203 | TP4SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P003 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 2A . D1SRT | | HLX.- | - | H203 | TP4SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P003 | 039 | 3H 3H 3H |
| 038 | HIFI LOA 2A . D2S | | HLX.- | - | H203 | TP4SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P003 | 007 | 3H 3H 3H |
| 026 | HIFI LOA 2A . D2SRT | | HLX.- | - | H203 | TP4SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P003 | 040 | 3H 3H 3H |
| 016 | HIFI LOA 2A . G1S | | HLX.- | - | H203 | TP4SS-38 | 30 | | 3 | | HHLOU | 44 | 111200 P003 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 2A . G1SRT | | HLX.- | - | H203 | TP4SS-38 | 30 | | 3 | | HHLOU | 44 | 111200 P003 | 038 | 3H 3H 3H |
| 015 | HIFI LOA 2A . G2S | | HLX.- | - | H203 | TP4SS-38 | 30 | | 4 | | HHLOU | 44 | 111200 P003 | 006 | 3H 3H 3H |
| 008 | HIFI LOA 2A . G2SRT | | HLX.- | - | H203 | TP4SS-38 | 30 | | 4 | | HHLOU | 44 | 111200 P003 | 022 | 3H 3H 3H |
| 025 | HIFI LOA 2A . SHD30 | | HLX.- | - | H203 | TP4SS-38 | 30 | | | CS-H203 | HHLOU | 44 | 111200 P003 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 2A T . VP | | HLT.- | - | H204 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P003 | 008 | 3H 3H 3H |
| 017 | HIFI LOA 2A T . VN | | HLT.- | - | H204 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P003 | 009 | 3H 3H 3H |
| 001 | HIFI LOA 2A T . IP | | HLT.- | - | H204 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P003 | 024 | 3H 3H 3H |
| 002 | HIFI LOA 2A T . IN | | HLT.- | - | H204 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P003 | 025 | 3H 3H 3H |
| 003 | HIFI LOA 2A T . SHD45 | | HLT.- | - | H204 | 041SS-38 | 45 | | | CS-H204 | HHLOU | 44 | 111200 P003 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 029 | HIFI LOA 2A P . L | | HLP.- | - | H205 | TS2CM-28 | 50 | | | | HHLOU | 44 | 111200 P003 | 010 | 3H 3H 1H |
| 030 | HIFI LOA 2A P . LRTN | | HLP.- | - | H205 | TS2CM-28 | 50 | | | | HHLOU | 44 | 111200 P003 | 026 | 3H 3H 1H |
| 041 | HIFI LOA 2A P . SHD50 | | HLP.- | - | H205 | TS2CM-28 | 50 | | | CS-H205 | HHLOU | 44 | 111200 P003 | | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311200 J005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-------------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 058 | HIFI LOA 2A MS . 1 | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P003 | 014 | 3H 3H 3H |
| 057 | HIFI LOA 2A MS . 1RTN | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P003 | 047 | 3H 3H 3H |
| 046 | HIFI LOA 2A MS . 2 | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P003 | 013 | 3H 3H 3H |
| 047 | HIFI LOA 2A MS . 2RTN | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P003 | 046 | 3H 3H 3H |
| 069 | HIFI LOA 2A MS . SHD60 | | HL2.- | - | H206 | X10SS-38 | 60 | 206-0 | | CS-206-0 | HHLOU | 44 | 111200 P003 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 034 | HIFI LOA 2A MS . 3 | | HL2.- | - | H206 | X10SS-38 | 63 | 206-3 | | 021SS-38 | HHLOU | 44 | 111200 P003 | 012 | 3H 3H 3H |
| 035 | HIFI LOA 2A MS . 3RTN | | HL2.- | - | H206 | X10SS-38 | 63 | 206-3 | | 021SS-38 | HHLOU | 44 | 111200 P003 | 045 | 3H 3H 3H |
| 069 | HIFI LOA 2A MS . SHD63 | | HL2.- | - | H206 | X10SS-38 | 63 | 206-3 | | CS-206-3 | HHLOU | 44 | 111200 P003 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 032 | HIFI LOA 2A M . 1 | | HL6.- | - | H207 | 021BS-38 | 75 | 207-1 | | | HHLOU | 44 | 111200 P003 | 015 | 3H 3H 3H |
| 033 | HIFI LOA 2A M . 1RTN | | HL6.- | - | H207 | 021BS-38 | 75 | 207-1 | | | HHLOU | 44 | 111200 P003 | 048 | 3H 3H 3H |
| 006 | HIFI LOA 2A M . SHD75 | | HL6.- | - | H207 | 021BS-38 | 75 | 207-1 | | CS- H207-1 | HHLOU | 44 | 111200 P003 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 2A M . 2 | | HL6.- | - | H207 | 021BS-38 | 76 | 207-2 | | | HHLOU | 44 | 111200 P003 | 016 | 3H 3H 3H |
| 022 | HIFI LOA 2A M . 2RTN | | HL6.- | - | H207 | 021BS-38 | 76 | 207-2 | | | HHLOU | 44 | 111200 P003 | 049 | 3H 3H 3H |
| 006 | HIFI LOA 2A M . SHD76 | | HL6.- | - | H207 | 021BS-38 | 76 | 207-2 | | CS- H207-2 | HHLOU | 44 | 111200 P003 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 2A M . 3 | | HL6.- | - | H207 | 021BS-38 | 77 | 207-3 | | | HHLOU | 44 | 111200 P003 | 017 | 3H 3H 3H |
| 007 | HIFI LOA 2A M . 3RTN | | HL6.- | - | H207 | 021BS-38 | 77 | 207-3 | | | HHLOU | 44 | 111200 P003 | 050 | 3H 3H 3H |
| 006 | HIFI LOA 2A M . SHD77 | | HL6.- | - | H207 | 021BS-38 | 77 | 207-3 | | CS- H207-3 | HHLOU | 44 | 111200 P003 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | R |
| - | | | | | | | | | | | | | | | R |
| - | 34 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | | | | | | | | | | ;004 ;005 ;010 ;011 ;012 ;013 | | | | | |
| | | | | | | | | | | ;018 ;019 ;020 ;021 ;024 ;036 | | | | | |
| | | | | | | | | | | ;048 ;050 ;059 ;060 ;061 ;071 | | | | | |
| | | | | | | | | | | ;072 ;080 ;082 ;083 ;084 ;094 | | | | | |
| | | | | | | | | | | ;095 ;096 ;103 ;105 ;106 ;107 | | | | | |
| | | | | | | | | | | ;108 ;114 ;115 ;122 | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P005
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-07

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 3A D . 1A | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 J007 | 078 | 3H 3H 3H | |
| 034 | HIFI LOA 3A D . 1RTNA | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 J007 | 100 | 3H 3H 3H | |
| 001 | HIFI LOA 3A D . 1B | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 J007 | 089 | 3H 3H 3H | |
| 034 | HIFI LOA 3A D . 1RTNB | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 J007 | 101 | 3H 3H 3H | |
| 018 | HIFI LOA 3A D . 1* | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 J007 | 090 | 3H 3H 3H | |
| 035 | HIFI LOA 3A D . 1RTN* | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 J007 | 079 | 3H 3H 3H | |
| 041 | HIFI LOA 3A D . SHD11 | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | CS-301-1 | HHSVMCB2 | 26 | 311200 J007 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 3A D . 2A | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 J007 | 055 | 3H 3H 3H | |
| 019 | HIFI LOA 3A D . 2RTNA | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 J007 | 044 | 3H 3H 3H | |
| 002 | HIFI LOA 3A D . 2B | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 J007 | 056 | 3H 3H 3H | |
| 019 | HIFI LOA 3A D . 2RTNB | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 J007 | 045 | 3H 3H 3H | |
| 003 | HIFI LOA 3A D . 2* | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 J007 | 067 | 3H 3H 3H | |
| 036 | HIFI LOA 3A D . 2RTN* | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 J007 | 066 | 3H 3H 3H | |
| 041 | HIFI LOA 3A D . SHD12 | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | CS-301-2 | HHSVMCB2 | 26 | 311200 J007 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 3A G . 1 | | HLG.- | - | H302 | TS2CM-28 | 21 | 302-1 | | HHSVMCB2 | 26 | 311200 J007 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 3A G . 1RTN | | HLG.- | - | H302 | TS2CM-28 | 21 | 302-1 | | HHSVMCB2 | 26 | 311200 J007 | 098 | 3H 3H 3H | |
| 042 | HIFI LOA 3A G . SHD21 | | HLG.- | - | H302 | TS2CM-28 | 21 | 302-1 | CS-302-1 | HHSVMCB2 | 26 | 311200 J007 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 3A G . 2 | | HLG.- | - | H302 | TS2CM-28 | 22 | 302-2 | | HHSVMCB2 | 26 | 311200 J007 | 086 | 3H 3H 3H | |
| 037 | HIFI LOA 3A G . 2RTN | | HLG.- | - | H302 | TS2CM-28 | 22 | 302-2 | | HHSVMCB2 | 26 | 311200 J007 | 085 | 3H 3H 3H | |
| 042 | HIFI LOA 3A G . SHD22 | | HLG.- | - | H302 | TS2CM-28 | 22 | 302-2 | CS-302-2 | HHSVMCB2 | 26 | 311200 J007 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 3A . D1S | | HLX.- | - | H303 | TP4SS-38 | 30 | | | HHSVMCB2 | 26 | 311200 J007 | 118 | 3H 3H 3H | |
| 039 | HIFI LOA 3A . D1SRT | | HLX.- | - | H303 | TP4SS-38 | 30 | | | HHSVMCB2 | 26 | 311200 J007 | 126 | 3H 3H 3H | |
| 007 | HIFI LOA 3A . D2S | | HLX.- | - | H303 | TP4SS-38 | 30 | | | HHSVMCB2 | 26 | 311200 J007 | 119 | 3H 3H 3H | |
| 040 | HIFI LOA 3A . D2SRT | | HLX.- | - | H303 | TP4SS-38 | 30 | | | HHSVMCB2 | 26 | 311200 J007 | 110 | 3H 3H 3H | |
| 005 | HIFI LOA 3A . G1S | | HLX.- | - | H303 | TP4SS-38 | 30 | | | HHSVMCB2 | 26 | 311200 J007 | 127 | 3H 3H 3H | |
| 038 | HIFI LOA 3A . G1SRT | | HLX.- | - | H303 | TP4SS-38 | 30 | | | HHSVMCB2 | 26 | 311200 J007 | 128 | 3H 3H 3H | |
| 006 | HIFI LOA 3A . G2S | | HLX.- | - | H303 | TP4SS-38 | 30 | | | HHSVMCB2 | 26 | 311200 J007 | 111 | 3H 3H 3H | |
| 022 | HIFI LOA 3A . G2SRT | | HLX.- | - | H303 | TP4SS-38 | 30 | | | HHSVMCB2 | 26 | 311200 J007 | 120 | 3H 3H 3H | |
| 043 | HIFI LOA 3A . SHD30 | | HLX.- | - | H303 | TP4SS-38 | 30 | | CS-H303 | HHSVMCB2 | 26 | 311200 J007 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 111200 P005

Function / Bundle: HIFI LOU SIH-XH-07

Conn.-Type: SCC340100201BDDMA50PNMBFO

Item: HHLOU

Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 3A T . VP | | HLT.- | - | H304 | 041SS-38 | 40 | | | | HHSVMCB2 | 26 | 311200 J007 | 092 | 3H 3H 3H |
| 009 | HIFI LOA 3A T . VN | | HLT.- | - | H304 | 041SS-38 | 40 | | | | HHSVMCB2 | 26 | 311200 J007 | 104 | 3H 3H 3H |
| 024 | HIFI LOA 3A T . IP | | HLT.- | - | H304 | 041SS-38 | 40 | | | | HHSVMCB2 | 26 | 311200 J007 | 093 | 3H 3H 3H |
| 025 | HIFI LOA 3A T . IN | | HLT.- | - | H304 | 041SS-38 | 40 | | | | HHSVMCB2 | 26 | 311200 J007 | 081 | 3H 3H 3H |
| 027 | HIFI LOA 3A T . SHD40 | | HLT.- | - | H304 | 041SS-38 | 40 | | | CS-H304 | HHSVMCB2 | 26 | 311200 J007 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 3A P . L | | HLP.- | - | H305 | TS2CM-28 | 50 | | | | HHSVMCB2 | 26 | 311200 J007 | 039 | 3H 3H 3H |
| 026 | HIFI LOA 3A P . LRTN | | HLP.- | - | H305 | TS2CM-28 | 50 | | | | HHSVMCB2 | 26 | 311200 J007 | 040 | 3H 3H 3H |
| 044 | HIFI LOA 3A P . SHD50 | | HLP.- | - | H305 | TS2CM-28 | 50 | | | CS-H305 | HHSVMCB2 | 26 | 311200 J007 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 3A MS . 1 | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J007 | 117 | 3H 3H 3H |
| 047 | HIFI LOA 3A MS . 1RTN | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J007 | 124 | 3H 3H 3H |
| 013 | HIFI LOA 3A MS . 2 | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J007 | 123 | 3H 3H 3H |
| 046 | HIFI LOA 3A MS . 2RTN | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J007 | 116 | 3H 3H 3H |
| 028 | HIFI LOA 3A MS . SHD60 | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | | CS-306-0 | HHSVMCB2 | 26 | 311200 J007 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 3A MS . 3 | | HL2.- | - | H306 | X10SS-38 | 63 | 306-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J007 | 107 | 3H 3H 3H |
| 045 | HIFI LOA 3A MS . 3RTN | | HL2.- | - | H306 | X10SS-38 | 63 | 306-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J007 | 122 | 3H 3H 3H |
| 028 | HIFI LOA 3A MS . SHD63 | | HL2.- | - | H306 | X10SS-38 | 63 | 306-3 | | CS-306-3 | HHSVMCB2 | 26 | 311200 J007 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 3A M . 1 | | HL6.- | - | H307 | 021BS-38 | 71 | 307-1 | | | HHSVMCB2 | 26 | 311200 J007 | 112 | 3H 3H 3H |
| 048 | HIFI LOA 3A M . 1RTN | | HL6.- | - | H307 | 021BS-38 | 71 | 307-1 | | | HHSVMCB2 | 26 | 311200 J007 | 121 | 3H 3H 3H |
| 031 | HIFI LOA 3A M . SHD71 | | HL6.- | - | H307 | 021BS-38 | 71 | 307-1 | | CS-307-1 | HHSVMCB2 | 26 | 311200 J007 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 3A M . 2 | | HL6.- | - | H307 | 021BS-38 | 72 | 307-2 | | | HHSVMCB2 | 26 | 311200 J007 | 113 | 3H 3H 3H |
| 049 | HIFI LOA 3A M . 2RTN | | HL6.- | - | H307 | 021BS-38 | 72 | 307-2 | | | HHSVMCB2 | 26 | 311200 J007 | 102 | 3H 3H 3H |
| 031 | HIFI LOA 3A M . SHD72 | | HL6.- | - | H307 | 021BS-38 | 72 | 307-2 | | CS-307-2 | HHSVMCB2 | 26 | 311200 J007 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 3A M . 3 | | HL6.- | - | H307 | 021BS-38 | 73 | 307-3 | | | HHSVMCB2 | 26 | 311200 J007 | 103 | 3H 3H 3H |
| 050 | HIFI LOA 3A M . 3RTN | | HL6.- | - | H307 | 021BS-38 | 73 | 307-3 | | | HHSVMCB2 | 26 | 311200 J007 | 114 | 3H 3H 3H |
| 031 | HIFI LOA 3A M . SHD73 | | HL6.- | - | H307 | 021BS-38 | 73 | 307-3 | | CS-307-3 | HHSVMCB2 | 26 | 311200 J007 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 207 (of 474)

Connector: 111200 P005
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-07

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|-----------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | 5 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;029 ;030 ;032 ;033 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 208 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P007
Item: HHLOU

Function / Bundle: HIFI LOU LCU SIH-XH-07

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 4A D . 1A | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 J007 | 064 | 3H 3H 3H | |
| 034 | HIFI LOA 4A D . 1RTNA | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 J007 | 075 | 3H 3H 3H | |
| 001 | HIFI LOA 4A D . 1B | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 J007 | 087 | 3H 3H 3H | |
| 034 | HIFI LOA 4A D . 1RTNB | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 J007 | 076 | 3H 3H 3H | |
| 018 | HIFI LOA 4A D . 1* | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 J007 | 088 | 3H 3H 3H | |
| 035 | HIFI LOA 4A D . 1RTN* | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 J007 | 059 | 3H 3H 3H | |
| 041 | HIFI LOA 4A D . SHD15 | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | CS-401-1 | HHSVMCB2 | 26 | 311200 J007 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 4A D . 2A | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 J007 | 031 | 3H 3H 3H | |
| 019 | HIFI LOA 4A D . 2RTNA | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 J007 | 042 | 3H 3H 3H | |
| 002 | HIFI LOA 4A D . 2B | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 J007 | 053 | 3H 3H 3H | |
| 019 | HIFI LOA 4A D . 2RTNB | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 J007 | 043 | 3H 3H 3H | |
| 003 | HIFI LOA 4A D . 2* | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 J007 | 054 | 3H 3H 3H | |
| 036 | HIFI LOA 4A D . 2RTN* | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 J007 | 065 | 3H 3H 3H | |
| 041 | HIFI LOA 4A D . SHD16 | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | CS-401-2 | HHSVMCB2 | 26 | 311200 J007 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 4A G . 1 | | HLG.- | - | H402 | TS2CM-28 | 25 | 402-1 | | HHSVMCB2 | 26 | 311200 J007 | 063 | 3H 3H 3H | |
| 020 | HIFI LOA 4A G . 1RTN | | HLG.- | - | H402 | TS2CM-28 | 25 | 402-1 | | HHSVMCB2 | 26 | 311200 J007 | 062 | 3H 3H 3H | |
| 042 | HIFI LOA 4A G . SHD25 | | HLG.- | - | H402 | TS2CM-28 | 25 | 402-1 | CS-402-1 | HHSVMCB2 | 26 | 311200 J007 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 4A G . 2 | | HLG.- | - | H402 | TS2CM-28 | 26 | 402-2 | | HHSVMCB2 | 26 | 311200 J007 | 051 | 3H 3H 3H | |
| 037 | HIFI LOA 4A G . 2RTN | | HLG.- | - | H402 | TS2CM-28 | 26 | 402-2 | | HHSVMCB2 | 26 | 311200 J007 | 052 | 3H 3H 3H | |
| 042 | HIFI LOA 4A G . SHD26 | | HLG.- | - | H402 | TS2CM-28 | 26 | 402-2 | CS-402-2 | HHSVMCB2 | 26 | 311200 J007 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 4A . D1S | | HLX.- | - | H403 | TP4SS-38 | 35 | 1 | | HHSVMCB2 | 26 | 311200 J007 | 037 | 3H 3H 3H | |
| 039 | HIFI LOA 4A . D1SRT | | HLX.- | - | H403 | TP4SS-38 | 35 | 1 | | HHSVMCB2 | 26 | 311200 J007 | 049 | 3H 3H 3H | |
| 007 | HIFI LOA 4A . D2S | | HLX.- | - | H403 | TP4SS-38 | 35 | 2 | | HHSVMCB2 | 26 | 311200 J007 | 038 | 3H 3H 3H | |
| 040 | HIFI LOA 4A . D2SRT | | HLX.- | - | H403 | TP4SS-38 | 35 | 2 | | HHSVMCB2 | 26 | 311200 J007 | 026 | 3H 3H 3H | |
| 005 | HIFI LOA 4A . G1S | | HLX.- | - | H403 | TP4SS-38 | 35 | 3 | | HHSVMCB2 | 26 | 311200 J007 | 016 | 3H 3H 3H | |
| 038 | HIFI LOA 4A . G1SRT | | HLX.- | - | H403 | TP4SS-38 | 35 | 3 | | HHSVMCB2 | 26 | 311200 J007 | 027 | 3H 3H 3H | |
| 006 | HIFI LOA 4A . G2S | | HLX.- | - | H403 | TP4SS-38 | 35 | 4 | | HHSVMCB2 | 26 | 311200 J007 | 015 | 3H 3H 3H | |
| 022 | HIFI LOA 4A . G2SRT | | HLX.- | - | H403 | TP4SS-38 | 35 | 4 | | HHSVMCB2 | 26 | 311200 J007 | 008 | 3H 3H 3H | |
| 043 | HIFI LOA 4A . SHD35 | | HLX.- | - | H403 | TP4SS-38 | 35 | | CS-H403 | HHSVMCB2 | 26 | 311200 J007 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P007
Item: HHLOU

Function / Bundle: HIFI LOU LCU SIH-XH-07

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|--------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 4A T . VP | | HLT.- | - | H404 | 041SS-38 | 45 | | | | HHSVMCB2 | 26 | 311200 J007 | 017 | 3H 3H 3H |
| 009 | HIFI LOA 4A T . VN | | HLT.- | - | H404 | 041SS-38 | 45 | | | | HHSVMCB2 | 26 | 311200 J007 | 009 | 3H 3H 3H |
| 024 | HIFI LOA 4A T . IP | | HLT.- | - | H404 | 041SS-38 | 45 | | | | HHSVMCB2 | 26 | 311200 J007 | 001 | 3H 3H 3H |
| 025 | HIFI LOA 4A T . IN | | HLT.- | - | H404 | 041SS-38 | 45 | | | | HHSVMCB2 | 26 | 311200 J007 | 002 | 3H 3H 3H |
| 027 | HIFI LOA 4A T . SHD45 | | HLT.- | - | H404 | 041SS-38 | 45 | | CS-H404 | | HHSVMCB2 | 26 | 311200 J007 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 4A P . L | | HLP.- | - | H405 | TS2CM-28 | 55 | | | | HHSVMCB2 | 26 | 311200 J007 | 029 | 3H 3H 3H |
| 026 | HIFI LOA 4A P . LRTN | | HLP.- | - | H405 | TS2CM-28 | 55 | | | | HHSVMCB2 | 26 | 311200 J007 | 030 | 3H 3H 3H |
| 044 | HIFI LOA 4A P . SHD55 | | HLP.- | - | H405 | TS2CM-28 | 55 | | CS-H405 | | HHSVMCB2 | 26 | 311200 J007 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 4A MS . 1 | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J007 | 058 | 3H 3H 3H |
| 047 | HIFI LOA 4A MS . 1RTN | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J007 | 057 | 3H 3H 3H |
| 013 | HIFI LOA 4A MS . 2 | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J007 | 046 | 3H 3H 3H |
| 046 | HIFI LOA 4A MS . 2RTN | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J007 | 047 | 3H 3H 3H |
| 028 | HIFI LOA 4A MS . SHD65 | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | | CS-406-0 | HHSVMCB2 | 26 | 311200 J007 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 4A MS . 3 | | HL2.- | - | H406 | X10SS-38 | 68 | 406-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J007 | 034 | 3H 3H 3H |
| 045 | HIFI LOA 4A MS . 3RTN | | HL2.- | - | H406 | X10SS-38 | 68 | 406-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J007 | 035 | 3H 3H 3H |
| 028 | HIFI LOA 4A MS . SHD68 | | HL2.- | - | H406 | X10SS-38 | 68 | 406-3 | | CS-406-3 | HHSVMCB2 | 26 | 311200 J007 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 4A M . 1 | | HL6.- | - | H407 | 021BS-38 | 75 | 407-1 | | | HHSVMCB2 | 26 | 311200 J007 | 032 | 3H 3H 3H |
| 048 | HIFI LOA 4A M . 1RTN | | HL6.- | - | H407 | 021BS-38 | 75 | 407-1 | | | HHSVMCB2 | 26 | 311200 J007 | 033 | 3H 3H 3H |
| 031 | HIFI LOA 4A M . SHD75 | | HL6.- | - | H407 | 021BS-38 | 75 | 407-1 | | CS-407-1 | HHSVMCB2 | 26 | 311200 J007 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 4A M . 2 | | HL6.- | - | H407 | 021BS-38 | 76 | 407-2 | | | HHSVMCB2 | 26 | 311200 J007 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 4A M . 2RTN | | HL6.- | - | H407 | 021BS-38 | 76 | 407-2 | | | HHSVMCB2 | 26 | 311200 J007 | 022 | 3H 3H 3H |
| 031 | HIFI LOA 4A M . SHD76 | | HL6.- | - | H407 | 021BS-38 | 76 | 407-2 | | CS-407-2 | HHSVMCB2 | 26 | 311200 J007 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 4A M . 3 | | HL6.- | - | H407 | 021BS-38 | 77 | 407-3 | | | HHSVMCB2 | 26 | 311200 J007 | 014 | 3H 3H 3H |
| 050 | HIFI LOA 4A M . 3RTN | | HL6.- | - | H407 | 021BS-38 | 77 | 407-3 | | | HHSVMCB2 | 26 | 311200 J007 | 007 | 3H 3H 3H |
| 031 | HIFI LOA 4A M . SHD77 | | HL6.- | - | H407 | 021BS-38 | 77 | 407-3 | | CS-407-3 | HHSVMCB2 | 26 | 311200 J007 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 211 (of 474)

Connector: 111200 P007
Item: HHLOU

Function / Bundle: HIFI LOU LCU SIH-XH-07

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|-----------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | 5 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;029 ;030 ;032 ;033 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 212 (of 474)

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Pin Allocation List

(Harness)

Connector: 311200 J007
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-07

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 3A D . 1A | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | | HHLOU | 44 | 111200 P005 | 001 | 3H 3H 3H |
| 100 | HIFI LOA 3A D . 1RTNA | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | | HHLOU | 44 | 111200 P005 | 034 | 3H 3H 3H |
| 089 | HIFI LOA 3A D . 1B | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | | HHLOU | 44 | 111200 P005 | 001 | 3H 3H 3H |
| 101 | HIFI LOA 3A D . 1RTNB | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | | HHLOU | 44 | 111200 P005 | 034 | 3H 3H 3H |
| 090 | HIFI LOA 3A D . 1* | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | | HHLOU | 44 | 111200 P005 | 018 | 3H 3H 3H |
| 079 | HIFI LOA 3A D . 1RTN* | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | | | HHLOU | 44 | 111200 P005 | 035 | 3H 3H 3H |
| 068 | HIFI LOA 3A D . SHD11 | | HLD.- | - | H301 | TS6CM-22 | 11 | 301-1 | CS-301-1 | | HHLOU | 44 | 111200 P005 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 055 | HIFI LOA 3A D . 2A | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | | HHLOU | 44 | 111200 P005 | 002 | 3H 3H 3H |
| 044 | HIFI LOA 3A D . 2RTNA | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | | HHLOU | 44 | 111200 P005 | 019 | 3H 3H 3H |
| 056 | HIFI LOA 3A D . 2B | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | | HHLOU | 44 | 111200 P005 | 002 | 3H 3H 3H |
| 045 | HIFI LOA 3A D . 2RTNB | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | | HHLOU | 44 | 111200 P005 | 019 | 3H 3H 3H |
| 067 | HIFI LOA 3A D . 2* | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | | HHLOU | 44 | 111200 P005 | 003 | 3H 3H 3H |
| 066 | HIFI LOA 3A D . 2RTN* | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | | | HHLOU | 44 | 111200 P005 | 036 | 3H 3H 3H |
| 068 | HIFI LOA 3A D . SHD12 | | HLD.- | - | H301 | TS6CM-22 | 12 | 301-2 | CS-301-2 | | HHLOU | 44 | 111200 P005 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 097 | HIFI LOA 3A G . 1 | | HLG.- | - | H302 | TS2CM-28 | 21 | 302-1 | | | HHLOU | 44 | 111200 P005 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 3A G . 1RTN | | HLG.- | - | H302 | TS2CM-28 | 21 | 302-1 | | | HHLOU | 44 | 111200 P005 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 3A G . SHD21 | | HLG.- | - | H302 | TS2CM-28 | 21 | 302-1 | CS-302-1 | | HHLOU | 44 | 111200 P005 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 3A G . 2 | | HLG.- | - | H302 | TS2CM-28 | 22 | 302-2 | | | HHLOU | 44 | 111200 P005 | 021 | 3H 3H 3H |
| 085 | HIFI LOA 3A G . 2RTN | | HLG.- | - | H302 | TS2CM-28 | 22 | 302-2 | | | HHLOU | 44 | 111200 P005 | 037 | 3H 3H 3H |
| 074 | HIFI LOA 3A G . SHD22 | | HLG.- | - | H302 | TS2CM-28 | 22 | 302-2 | CS-302-2 | | HHLOU | 44 | 111200 P005 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 118 | HIFI LOA 3A . D1S | | HLX.- | - | H303 | TP4SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P005 | 023 | 3H 3H 3H |
| 126 | HIFI LOA 3A . D1SRT | | HLX.- | - | H303 | TP4SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P005 | 039 | 3H 3H 3H |
| 119 | HIFI LOA 3A . D2S | | HLX.- | - | H303 | TP4SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P005 | 007 | 3H 3H 3H |
| 110 | HIFI LOA 3A . D2SRT | | HLX.- | - | H303 | TP4SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P005 | 040 | 3H 3H 3H |
| 127 | HIFI LOA 3A . G1S | | HLX.- | - | H303 | TP4SS-38 | 30 | | 3 | | HHLOU | 44 | 111200 P005 | 005 | 3H 3H 3H |
| 128 | HIFI LOA 3A . G1SRT | | HLX.- | - | H303 | TP4SS-38 | 30 | | 3 | | HHLOU | 44 | 111200 P005 | 038 | 3H 3H 3H |
| 111 | HIFI LOA 3A . G2S | | HLX.- | - | H303 | TP4SS-38 | 30 | | 4 | | HHLOU | 44 | 111200 P005 | 006 | 3H 3H 3H |
| 120 | HIFI LOA 3A . G2SRT | | HLX.- | - | H303 | TP4SS-38 | 30 | | 4 | | HHLOU | 44 | 111200 P005 | 022 | 3H 3H 3H |
| 109 | HIFI LOA 3A . SHD30 | | HLX.- | - | H303 | TP4SS-38 | 30 | | | CS-H303 | HHLOU | 44 | 111200 P005 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311200 J007
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-07

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 092 | HIFI LOA 3A T . VP | | HLT.- | - | H304 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P005 | 008 | 3H 3H 3H |
| 104 | HIFI LOA 3A T . VN | | HLT.- | - | H304 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P005 | 009 | 3H 3H 3H |
| 093 | HIFI LOA 3A T . IP | | HLT.- | - | H304 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P005 | 024 | 3H 3H 3H |
| 081 | HIFI LOA 3A T . IN | | HLT.- | - | H304 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P005 | 025 | 3H 3H 3H |
| 070 | HIFI LOA 3A T . SHD40 | | HLT.- | - | H304 | 041SS-38 | 40 | | | CS-H304 | HHLOU | 44 | 111200 P005 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 039 | HIFI LOA 3A P . L | | HLP.- | - | H305 | TS2CM-28 | 50 | | | | HHLOU | 44 | 111200 P005 | 010 | 3H 3H 3H |
| 040 | HIFI LOA 3A P . LRTN | | HLP.- | - | H305 | TS2CM-28 | 50 | | | | HHLOU | 44 | 111200 P005 | 026 | 3H 3H 3H |
| 028 | HIFI LOA 3A P . SHD50 | | HLP.- | - | H305 | TS2CM-28 | 50 | | | CS-H305 | HHLOU | 44 | 111200 P005 | 044 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 117 | HIFI LOA 3A MS . 1 | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P005 | 014 | 3H 3H 3H |
| 124 | HIFI LOA 3A MS . 1RTN | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P005 | 047 | 3H 3H 3H |
| 123 | HIFI LOA 3A MS . 2 | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P005 | 013 | 3H 3H 3H |
| 116 | HIFI LOA 3A MS . 2RTN | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P005 | 046 | 3H 3H 3H |
| 125 | HIFI LOA 3A MS . SHD60 | | HL2.- | - | H306 | X10SS-38 | 60 | 306-0 | | CS-306-0 | HHLOU | 44 | 111200 P005 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 107 | HIFI LOA 3A MS . 3 | | HL2.- | - | H306 | X10SS-38 | 63 | 306-3 | | 021SS-38 | HHLOU | 44 | 111200 P005 | 012 | 3H 3H 3H |
| 122 | HIFI LOA 3A MS . 3RTN | | HL2.- | - | H306 | X10SS-38 | 63 | 306-3 | | 021SS-38 | HHLOU | 44 | 111200 P005 | 045 | 3H 3H 3H |
| 125 | HIFI LOA 3A MS . SHD63 | | HL2.- | - | H306 | X10SS-38 | 63 | 306-3 | | CS-306-3 | HHLOU | 44 | 111200 P005 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 3A M . 1 | | HL6.- | - | H307 | 021BS-38 | 71 | 307-1 | | | HHLOU | 44 | 111200 P005 | 015 | 3H 3H 3H |
| 121 | HIFI LOA 3A M . 1RTN | | HL6.- | - | H307 | 021BS-38 | 71 | 307-1 | | | HHLOU | 44 | 111200 P005 | 048 | 3H 3H 3H |
| 091 | HIFI LOA 3A M . SHD71 | | HL6.- | - | H307 | 021BS-38 | 71 | 307-1 | | CS-307-1 | HHLOU | 44 | 111200 P005 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 3A M . 2 | | HL6.- | - | H307 | 021BS-38 | 72 | 307-2 | | | HHLOU | 44 | 111200 P005 | 016 | 3H 3H 3H |
| 102 | HIFI LOA 3A M . 2RTN | | HL6.- | - | H307 | 021BS-38 | 72 | 307-2 | | | HHLOU | 44 | 111200 P005 | 049 | 3H 3H 3H |
| 091 | HIFI LOA 3A M . SHD72 | | HL6.- | - | H307 | 021BS-38 | 72 | 307-2 | | CS-307-2 | HHLOU | 44 | 111200 P005 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 103 | HIFI LOA 3A M . 3 | | HL6.- | - | H307 | 021BS-38 | 73 | 307-3 | | | HHLOU | 44 | 111200 P005 | 017 | 3H 3H 3H |
| 114 | HIFI LOA 3A M . 3RTN | | HL6.- | - | H307 | 021BS-38 | 73 | 307-3 | | | HHLOU | 44 | 111200 P005 | 050 | 3H 3H 3H |
| 091 | HIFI LOA 3A M . SHD73 | | HL6.- | - | H307 | 021BS-38 | 73 | 307-3 | | CS-307-3 | HHLOU | 44 | 111200 P005 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 4A D . 1A | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | | HHLOU | 44 | 111200 P007 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 4A D . 1RTNA | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | | HHLOU | 44 | 111200 P007 | 034 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 J007
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-07

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 087 | HIFI LOA 4A D . 1B | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | | HHLOU | 44 | 111200 P007 | 001 | 3H 3H 3H |
| 076 | HIFI LOA 4A D . 1RTNB | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | | HHLOU | 44 | 111200 P007 | 034 | 3H 3H 3H |
| 088 | HIFI LOA 4A D . 1* | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | | HHLOU | 44 | 111200 P007 | 018 | 3H 3H 3H |
| 059 | HIFI LOA 4A D . 1RTN* | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | | | HHLOU | 44 | 111200 P007 | 035 | 3H 3H 3H |
| 077 | HIFI LOA 4A D . SHD15 | | HLD.- | - | H401 | TS6CM-22 | 15 | 401-1 | CS-401-1 | | HHLOU | 44 | 111200 P007 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 031 | HIFI LOA 4A D . 2A | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | | HHLOU | 44 | 111200 P007 | 002 | 3H 3H 3H |
| 042 | HIFI LOA 4A D . 2RTNA | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | | HHLOU | 44 | 111200 P007 | 019 | 3H 3H 3H |
| 053 | HIFI LOA 4A D . 2B | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | | HHLOU | 44 | 111200 P007 | 002 | 3H 3H 3H |
| 043 | HIFI LOA 4A D . 2RTNB | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | | HHLOU | 44 | 111200 P007 | 019 | 3H 3H 3H |
| 054 | HIFI LOA 4A D . 2* | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | | HHLOU | 44 | 111200 P007 | 003 | 3H 3H 3H |
| 065 | HIFI LOA 4A D . 2RTN* | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | | | HHLOU | 44 | 111200 P007 | 036 | 3H 3H 3H |
| 077 | HIFI LOA 4A D . SHD16 | | HLD.- | - | H401 | TS6CM-22 | 16 | 401-2 | CS-401-2 | | HHLOU | 44 | 111200 P007 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 063 | HIFI LOA 4A G . 1 | | HLG.- | - | H402 | TS2CM-28 | 25 | 402-1 | | | HHLOU | 44 | 111200 P007 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 4A G . 1RTN | | HLG.- | - | H402 | TS2CM-28 | 25 | 402-1 | | | HHLOU | 44 | 111200 P007 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 4A G . SHD25 | | HLG.- | - | H402 | TS2CM-28 | 25 | 402-1 | CS-402-1 | | HHLOU | 44 | 111200 P007 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 4A G . 2 | | HLG.- | - | H402 | TS2CM-28 | 26 | 402-2 | | | HHLOU | 44 | 111200 P007 | 021 | 3H 3H 3H |
| 052 | HIFI LOA 4A G . 2RTN | | HLG.- | - | H402 | TS2CM-28 | 26 | 402-2 | | | HHLOU | 44 | 111200 P007 | 037 | 3H 3H 3H |
| 073 | HIFI LOA 4A G . SHD26 | | HLG.- | - | H402 | TS2CM-28 | 26 | 402-2 | CS-402-2 | | HHLOU | 44 | 111200 P007 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 037 | HIFI LOA 4A . D1S | | HLX.- | - | H403 | TP4SS-38 | 35 | | 1 | | HHLOU | 44 | 111200 P007 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 4A . D1SRT | | HLX.- | - | H403 | TP4SS-38 | 35 | | 1 | | HHLOU | 44 | 111200 P007 | 039 | 3H 3H 3H |
| 038 | HIFI LOA 4A . D2S | | HLX.- | - | H403 | TP4SS-38 | 35 | | 2 | | HHLOU | 44 | 111200 P007 | 007 | 3H 3H 3H |
| 026 | HIFI LOA 4A . D2SRT | | HLX.- | - | H403 | TP4SS-38 | 35 | | 2 | | HHLOU | 44 | 111200 P007 | 040 | 3H 3H 3H |
| 016 | HIFI LOA 4A . G1S | | HLX.- | - | H403 | TP4SS-38 | 35 | | 3 | | HHLOU | 44 | 111200 P007 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 4A . G1SRT | | HLX.- | - | H403 | TP4SS-38 | 35 | | 3 | | HHLOU | 44 | 111200 P007 | 038 | 3H 3H 3H |
| 015 | HIFI LOA 4A . G2S | | HLX.- | - | H403 | TP4SS-38 | 35 | | 4 | | HHLOU | 44 | 111200 P007 | 006 | 3H 3H 3H |
| 008 | HIFI LOA 4A . G2SRT | | HLX.- | - | H403 | TP4SS-38 | 35 | | 4 | | HHLOU | 44 | 111200 P007 | 022 | 3H 3H 3H |
| 025 | HIFI LOA 4A . SHD35 | | HLX.- | - | H403 | TP4SS-38 | 35 | | | CS-H403 | HHLOU | 44 | 111200 P007 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 4A T . VN | | HLT.- | - | H404 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P007 | 009 | 3H 3H 3H |
| 017 | HIFI LOA 4A T . VP | | HLT.- | - | H404 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P007 | 008 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 J007
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-07

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|-----------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 4A T . IP | | HLT.- | - | H404 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P007 | 024 | 3H 3H 3H |
| 002 | HIFI LOA 4A T . IN | | HLT.- | - | H404 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P007 | 025 | 3H 3H 3H |
| 003 | HIFI LOA 4A T . SHD45 | | HLT.- | - | H404 | 041SS-38 | 45 | | CS-H404 | | HHLOU | 44 | 111200 P007 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 029 | HIFI LOA 4A P . L | | HLP.- | - | H405 | TS2CM-28 | 55 | | | | HHLOU | 44 | 111200 P007 | 010 | 3H 3H 3H |
| 030 | HIFI LOA 4A P . LRTN | | HLP.- | - | H405 | TS2CM-28 | 55 | | | | HHLOU | 44 | 111200 P007 | 026 | 3H 3H 3H |
| 041 | HIFI LOA 4A P . SHD55 | | HLP.- | - | H405 | TS2CM-28 | 55 | | CS-H405 | | HHLOU | 44 | 111200 P007 | 044 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 058 | HIFI LOA 4A MS . 1 | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P007 | 014 | 3H 3H 3H |
| 057 | HIFI LOA 4A MS . 1RTN | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P007 | 047 | 3H 3H 3H |
| 046 | HIFI LOA 4A MS . 2 | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P007 | 013 | 3H 3H 3H |
| 047 | HIFI LOA 4A MS . 2RTN | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P007 | 046 | 3H 3H 3H |
| 069 | HIFI LOA 4A MS . SHD65 | | HL2.- | - | H406 | X10SS-38 | 65 | 406-0 | | CS-406-0 | HHLOU | 44 | 111200 P007 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 034 | HIFI LOA 4A MS . 3 | | HL2.- | - | H406 | X10SS-38 | 68 | 406-3 | | 021SS-38 | HHLOU | 44 | 111200 P007 | 012 | 3H 3H 3H |
| 035 | HIFI LOA 4A MS . 3RTN | | HL2.- | - | H406 | X10SS-38 | 68 | 406-3 | | 021SS-38 | HHLOU | 44 | 111200 P007 | 045 | 3H 3H 3H |
| 069 | HIFI LOA 4A MS . SHD68 | | HL2.- | - | H406 | X10SS-38 | 68 | 406-3 | | CS-406-3 | HHLOU | 44 | 111200 P007 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 032 | HIFI LOA 4A M . 1 | | HL6.- | - | H407 | 021BS-38 | 75 | 407-1 | | | HHLOU | 44 | 111200 P007 | 015 | 3H 3H 3H |
| 033 | HIFI LOA 4A M . 1RTN | | HL6.- | - | H407 | 021BS-38 | 75 | 407-1 | | | HHLOU | 44 | 111200 P007 | 048 | 3H 3H 3H |
| 006 | HIFI LOA 4A M . SHD75 | | HL6.- | - | H407 | 021BS-38 | 75 | 407-1 | | CS-407-1 | HHLOU | 44 | 111200 P007 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 4A M . 2 | | HL6.- | - | H407 | 021BS-38 | 76 | 407-2 | | | HHLOU | 44 | 111200 P007 | 016 | 3H 3H 3H |
| 022 | HIFI LOA 4A M . 2RTN | | HL6.- | - | H407 | 021BS-38 | 76 | 407-2 | | | HHLOU | 44 | 111200 P007 | 049 | 3H 3H 3H |
| 006 | HIFI LOA 4A M . SHD76 | | HL6.- | - | H407 | 021BS-38 | 76 | 407-2 | | CS-407-2 | HHLOU | 44 | 111200 P007 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 4A M . 3 | | HL6.- | - | H407 | 021BS-38 | 77 | 407-3 | | | HHLOU | 44 | 111200 P007 | 017 | 3H 3H 3H |
| 007 | HIFI LOA 4A M . 3RTN | | HL6.- | - | H407 | 021BS-38 | 77 | 407-3 | | | HHLOU | 44 | 111200 P007 | 050 | 3H 3H 3H |
| 006 | HIFI LOA 4A M . SHD77 | | HL6.- | - | H407 | 021BS-38 | 77 | 407-3 | | CS-407-3 | HHLOU | 44 | 111200 P007 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | R |
| - | | | | | | | | | | | | | | | 3H |
| - | 30 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 217 (of 474)

Connector: 311200 J007
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-07

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---|-------------|----------|-----------|-----|---------|--|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;010 ;011 ;012 ;013 ;018 ;019 ;020 ;021 ;024 ;036 ;048 ;050 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;099 ;105 ;106 ;108 ;115 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 218 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P009
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-08

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 5A D . 1A | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | HHSVMCB3 | 26 | 311300 J001 | 078 | 1H 3H 3H | |
| 001 | HIFI LOA 5A D . 1B | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | HHSVMCB3 | 26 | 311300 J001 | 089 | 1H 3H 3H | |
| 018 | HIFI LOA 5A D . 1* | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | HHSVMCB3 | 26 | 311300 J001 | 090 | 1H 3H 3H | |
| 034 | HIFI LOA 5A D . 1RTNA | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | HHSVMCB3 | 26 | 311300 J001 | 100 | 1H 3H 3H | |
| 034 | HIFI LOA 5A D . 1RTNB | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | HHSVMCB3 | 26 | 311300 J001 | 101 | 1H 3H 3H | |
| 035 | HIFI LOA 5A D . 1RTN* | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | HHSVMCB3 | 26 | 311300 J001 | 079 | 1H 3H 3H | |
| 041 | HIFI LOA 5A D . SHD01 | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | CS-501-1 | HHSVMCB3 | 26 | 311300 J001 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 5A D . 2A | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | HHSVMCB3 | 26 | 311300 J001 | 055 | 1H 3H 3H | |
| 002 | HIFI LOA 5A D . 2B | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | HHSVMCB3 | 26 | 311300 J001 | 056 | 1H 3H 3H | |
| 003 | HIFI LOA 5A D . 2* | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | HHSVMCB3 | 26 | 311300 J001 | 067 | 1H 3H 3H | |
| 019 | HIFI LOA 5A D . 2RTNA | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | HHSVMCB3 | 26 | 311300 J001 | 044 | 1H 3H 3H | |
| 019 | HIFI LOA 5A D . 2RTNB | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | HHSVMCB3 | 26 | 311300 J001 | 045 | 1H 3H 3H | |
| 036 | HIFI LOA 5A D . 2RTN* | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | HHSVMCB3 | 26 | 311300 J001 | 066 | 1H 3H 3H | |
| 041 | HIFI LOA 5A D . SHD02 | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | CS-501-2 | HHSVMCB3 | 26 | 311300 J001 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 5A G . 1 | | HLG.- | - | H502 | TS2CM-28 | 21 | 502-1 | | HHSVMCB3 | 26 | 311300 J001 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 5A G . 1RTN | | HLG.- | - | H502 | TS2CM-28 | 21 | 502-1 | | HHSVMCB3 | 26 | 311300 J001 | 098 | 3H 3H 3H | |
| 042 | HIFI LOA 5A G . SHD21 | | HLG.- | - | H502 | TS2CM-28 | 21 | 502-1 | CS-502-1 | HHSVMCB3 | 26 | 311300 J001 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 5A G . 2 | | HLG.- | - | H502 | TS2CM-28 | 22 | 502-2 | | HHSVMCB3 | 26 | 311300 J001 | 086 | 3H 3H 3H | |
| 037 | HIFI LOA 5A G . 2RTN | | HLG.- | - | H502 | TS2CM-28 | 22 | 502-2 | | HHSVMCB3 | 26 | 311300 J001 | 085 | 3H 3H 3H | |
| 042 | HIFI LOA 5A G . SHD22 | | HLG.- | - | H502 | TS2CM-28 | 22 | 502-1 | CS-502-2 | HHSVMCB3 | 26 | 311300 J001 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 5A . D1S | | HLX.- | - | H503 | TP4SS-38 | 30 | 1 | | HHSVMCB3 | 26 | 311300 J001 | 118 | 3H 3H 3H | |
| 039 | HIFI LOA 5A . D1SRT | | HLX.- | - | H503 | TP4SS-38 | 30 | 1 | | HHSVMCB3 | 26 | 311300 J001 | 126 | 3H 3H 3H | |
| 007 | HIFI LOA 5A . D2S | | HLX.- | - | H503 | TP4SS-38 | 30 | 2 | | HHSVMCB3 | 26 | 311300 J001 | 119 | 3H 3H 3H | |
| 040 | HIFI LOA 5A . D2SRT | | HLX.- | - | H503 | TP4SS-38 | 30 | 2 | | HHSVMCB3 | 26 | 311300 J001 | 110 | 3H 3H 3H | |
| 005 | HIFI LOA 5A . G1S | | HLX.- | - | H503 | TP4SS-38 | 30 | 3 | | HHSVMCB3 | 26 | 311300 J001 | 127 | 3H 3H 3H | |
| 038 | HIFI LOA 5A . G1SRT | | HLX.- | - | H503 | TP4SS-38 | 30 | 3 | | HHSVMCB3 | 26 | 311300 J001 | 128 | 3H 3H 3H | |
| 006 | HIFI LOA 5A . G2S | | HLX.- | - | H503 | TP4SS-38 | 30 | 4 | | HHSVMCB3 | 26 | 311300 J001 | 111 | 3H 3H 3H | |
| 022 | HIFI LOA 5A . G2SRT | | HLX.- | - | H503 | TP4SS-38 | 30 | 4 | | HHSVMCB3 | 26 | 311300 J001 | 120 | 3H 3H 3H | |
| 043 | HIFI LOA 5A . SHD30 | | HLX.- | - | H503 | TP4SS-38 | 30 | | CS-H503 | HHSVMCB3 | 26 | 311300 J001 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P009
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-08

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 5A T . VP | | HLT.- | - | H504 | 041SS-38 | 40 | | | | HHSVMCB3 | 26 | 311300 J001 | 092 | 3H 3H 3H |
| 009 | HIFI LOA 5A T . VN | | HLT.- | - | H504 | 041SS-38 | 40 | | | | HHSVMCB3 | 26 | 311300 J001 | 104 | 3H 3H 3H |
| 024 | HIFI LOA 5A T . IP | | HLT.- | - | H504 | 041SS-38 | 40 | | | | HHSVMCB3 | 26 | 311300 J001 | 093 | 3H 3H 3H |
| 025 | HIFI LOA 5A T . IN | | HLT.- | - | H504 | 041SS-38 | 40 | | | | HHSVMCB3 | 26 | 311300 J001 | | 3H 3H |
| 027 | HIFI LOA 5A T . SHD40 | | HLT.- | - | H504 | 041SS-38 | 40 | | | CS-H504 | HHSVMCB3 | 26 | 311300 J001 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 5A P . L | | HLP.- | - | H505 | TS2CM-28 | 5 | | | | HHSVMCB3 | 26 | 311300 J001 | 039 | 3H 3H 3H |
| 026 | HIFI LOA 5A P . LRTN | | HLP.- | - | H505 | TS2CM-28 | 5 | | | | HHSVMCB3 | 26 | 311300 J001 | 040 | 3H 3H 3H |
| 044 | HIFI LOA 5A P . SHD05 | | HLP.- | - | H505 | TS2CM-28 | 5 | | | CS-H505 | HHSVMCB3 | 26 | 311300 J001 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 5A MS . 1 | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | 1 | TP2SS-38 | HHSVMCB3 | 26 | 311300 J001 | 117 | 3H 3H 3H |
| 047 | HIFI LOA 5A MS . 1RTN | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | 1 | TP2SS-38 | HHSVMCB3 | 26 | 311300 J001 | 124 | 3H 3H 3H |
| 013 | HIFI LOA 5A MS . 2 | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | 2 | TP2SS-38 | HHSVMCB3 | 26 | 311300 J001 | 123 | 3H 3H 3H |
| 046 | HIFI LOA 5A MS . 2RTN | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | 2 | TP2SS-38 | HHSVMCB3 | 26 | 311300 J001 | 116 | 3H 3H 3H |
| 028 | HIFI LOA 5A MS . SHD60 | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | | CS-506-0 | HHSVMCB3 | 26 | 311300 J001 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 5A MS . 3 | | HL2.- | - | H506 | X10SS-38 | 63 | 506-3 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J001 | 107 | 3H 3H 3H |
| 045 | HIFI LOA 5A MS . 3RTN | | HL2.- | - | H506 | X10SS-38 | 63 | 506-3 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J001 | 122 | 3H 3H 3H |
| 028 | HIFI LOA 5A MS . SHD63 | | HL2.- | - | H506 | X10SS-38 | 63 | 506-3 | | CS-506-3 | HHSVMCB3 | 26 | 311300 J001 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 5A M . 1 | | HL6.- | - | H507 | 021BS-38 | 71 | 507-1 | | | HHSVMCB3 | 26 | 311300 J001 | 112 | 3H 3H 3H |
| 048 | HIFI LOA 5A M . 1RTN | | HL6.- | - | H507 | 021BS-38 | 71 | 507-1 | | | HHSVMCB3 | 26 | 311300 J001 | 121 | 3H 3H 3H |
| 031 | HIFI LOA 5A M . SHD71 | | HL6.- | - | H507 | 021BS-38 | 71 | 507-1 | | CS-507-1 | HHSVMCB3 | 26 | 311300 J001 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 5A M . 2 | | HL6.- | - | H507 | 021BS-38 | 72 | 507-2 | | | HHSVMCB3 | 26 | 311300 J001 | 113 | 3H 3H 3H |
| 049 | HIFI LOA 5A M . 2RTN | | HL6.- | - | H507 | 021BS-38 | 72 | 507-2 | | | HHSVMCB3 | 26 | 311300 J001 | 102 | 3H 3H 3H |
| 031 | HIFI LOA 5A M . SHD72 | | HL6.- | - | H507 | 021BS-38 | 72 | 507-2 | | CS-507-2 | HHSVMCB3 | 26 | 311300 J001 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 5A M . 3 | | HL6.- | - | H507 | 021BS-38 | 73 | 507-3 | | | HHSVMCB3 | 26 | 311300 J001 | 103 | 3H 3H 3H |
| 050 | HIFI LOA 5A M . 3RTN | | HL6.- | - | H507 | 021BS-38 | 73 | 507-3 | | | HHSVMCB3 | 26 | 311300 J001 | 114 | 3H 3H 3H |
| 031 | HIFI LOA 5A M . SHD73 | | HL6.- | - | H507 | 021BS-38 | 73 | 507-3 | | CS-507-3 | HHSVMCB3 | 26 | 311300 J001 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 221 (of 474)

Connector: 111200 P009
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-08

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|-----------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | 5 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;029 ;030 ;032 ;033 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 222 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P011
Item: HHL0U

Function / Bundle: HIFI LOU SIH-XH-08

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6A D . 1A | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 J001 | 064 | 3H 3H 3H |
| 034 | HIFI LOA 6A D . 1RTNA | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 J001 | 075 | 3H 3H 3H |
| 001 | HIFI LOA 6A D . 1B | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 J001 | 087 | 3H 3H 3H |
| 034 | HIFI LOA 6A D . 1RTNB | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 J001 | 076 | 3H 3H 3H |
| 018 | HIFI LOA 6A D . 1* | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 J001 | 088 | 3H 3H 3H |
| 035 | HIFI LOA 6A D . 1RTN* | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 J001 | 059 | 3H 3H 3H |
| 041 | HIFI LOA 6A D . SHD11 | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | CS-601-1 | | HHSVMCB3 | 26 | 311300 J001 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 6A D . 2A | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 J001 | 031 | 3H 3H 3H |
| 019 | HIFI LOA 6A D . 2RTNA | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 J001 | 042 | 3H 3H 3H |
| 002 | HIFI LOA 6A D . 2B | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 J001 | 053 | 3H 3H 3H |
| 019 | HIFI LOA 6A D . 2RTNB | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 J001 | 043 | 3H 3H 3H |
| 003 | HIFI LOA 6A D . 2* | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 J001 | 054 | 3H 3H 3H |
| 036 | HIFI LOA 6A D . 2RTN* | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 J001 | 065 | 3H 3H 3H |
| 041 | HIFI LOA 6A D . SHD12 | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | CS-601-2 | | HHSVMCB3 | 26 | 311300 J001 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 6A G . 1 | | HLG.- | - | H602 | TS2CM-28 | 25 | 602-1 | | | HHSVMCB3 | 26 | 311300 J001 | 063 | 3H 3H 3H |
| 020 | HIFI LOA 6A G . 1RTN | | HLG.- | - | H602 | TS2CM-28 | 25 | 602-1 | | | HHSVMCB3 | 26 | 311300 J001 | 062 | 3H 3H 3H |
| 041 | HIFI LOA 6A G . SHD25 | | HLG.- | - | H602 | TS2CM-28 | 25 | 602-1 | CS-602-1 | | HHSVMCB3 | 26 | 311300 J001 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 021 | HIFI LOA 6A G . 2 | | HLG.- | - | H602 | TS2CM-28 | 26 | 602-2 | | | HHSVMCB3 | 26 | 311300 J001 | 051 | 3H 3H 3H |
| 037 | HIFI LOA 6A G . 2RTN | | HLG.- | - | H602 | TS2CM-28 | 26 | 602-2 | | | HHSVMCB3 | 26 | 311300 J001 | 052 | 3H 3H 3H |
| 041 | HIFI LOA 6A G . SHD26 | | HLG.- | - | H602 | TS2CM-28 | 26 | 602-2 | CS-602-2 | | HHSVMCB3 | 26 | 311300 J001 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 6A . D1S | | HLX.- | - | H603 | TP4SS-38 | 35 | | 1 | | HHSVMCB3 | 26 | 311300 J001 | 037 | 3H 3H 3H |
| 039 | HIFI LOA 6A . D1SRT | | HLX.- | - | H603 | TP4SS-38 | 35 | | 1 | | HHSVMCB3 | 26 | 311300 J001 | 049 | 3H 3H 3H |
| 007 | HIFI LOA 6A . D2S | | HLX.- | - | H603 | TP4SS-38 | 35 | | 2 | | HHSVMCB3 | 26 | 311300 J001 | 038 | 3H 3H 3H |
| 040 | HIFI LOA 6A . D2SRT | | HLX.- | - | H603 | TP4SS-38 | 35 | | 2 | | HHSVMCB3 | 26 | 311300 J001 | 026 | 3H 3H 3H |
| 005 | HIFI LOA 6A . G1S | | HLX.- | - | H603 | TP4SS-38 | 35 | | 3 | | HHSVMCB3 | 26 | 311300 J001 | 016 | 3H 3H 3H |
| 038 | HIFI LOA 6A . G1SRT | | HLX.- | - | H603 | TP4SS-38 | 35 | | 3 | | HHSVMCB3 | 26 | 311300 J001 | 027 | 3H 3H 3H |
| 006 | HIFI LOA 6A . G2S | | HLX.- | - | H603 | TP4SS-38 | 35 | | 4 | | HHSVMCB3 | 26 | 311300 J001 | 015 | 3H 3H 3H |
| 022 | HIFI LOA 6A . G2SRT | | HLX.- | - | H603 | TP4SS-38 | 35 | | 4 | | HHSVMCB3 | 26 | 311300 J001 | 008 | 3H 3H 3H |
| 042 | HIFI LOA 6A . SHD35 | | HLX.- | - | H603 | TP4SS-38 | 35 | | | CS-H603 | HHSVMCB3 | 26 | 311300 J001 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P011
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-08

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 6A T . VP | | HLT.- | - | H604 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J001 | 009 | 3H 3H 3H |
| 009 | HIFI LOA 6A T . VN | | HLT.- | - | H604 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J001 | 017 | 3H 3H 3H |
| 024 | HIFI LOA 6A T . IP | | HLT.- | - | H604 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J001 | 001 | 3H 3H 3H |
| 025 | HIFI LOA 6A T . IN | | HLT.- | - | H604 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J001 | 002 | 3H 3H 3H |
| 043 | HIFI LOA 6A T . SHD45 | | HLT.- | - | H604 | 041SS-38 | 45 | | | CS-H604 | HHSVMCB3 | 26 | 311300 J001 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 6A P . L | | HLP.- | - | H605 | TS2CM-28 | 50 | | | | HHSVMCB3 | 26 | 311300 J001 | 029 | 3H 3H 3H |
| 026 | HIFI LOA 6A P . LRTN | | HLP.- | - | H605 | TS2CM-28 | 50 | | | | HHSVMCB3 | 26 | 311300 J001 | 030 | 3H 3H 3H |
| 043 | HIFI LOA 6A P . SHD50 | | HLP.- | - | H605 | TS2CM-28 | 50 | | | CS-H605 | HHSVMCB3 | 26 | 311300 J001 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 030 | HIFI LOA 6A MS . 1 | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | 1 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J001 | 058 | 3H 3H 3H |
| 047 | HIFI LOA 6A MS . 1RTN | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | 1 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J001 | 057 | 3H 3H 3H |
| 013 | HIFI LOA 6A MS . 2 | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | 2 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J001 | 046 | 3H 3H 3H |
| 046 | HIFI LOA 6A MS . 2RTN | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | 2 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J001 | 047 | 3H 3H 3H |
| 012 | HIFI LOA 6A MS . 3 | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | 3 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J001 | 034 | 3H 3H 3H |
| 029 | HIFI LOA 6A MS . 3RTN | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | 3 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J001 | 033 | 3H 3H 3H |
| 028 | HIFI LOA 6A MS . 4 | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | 4 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J001 | 035 | 3H 3H 3H |
| 045 | HIFI LOA 6A MS . 4RTN | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | 4 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J001 | 024 | 3H 3H 3H |
| 027 | HIFI LOA 6A MS . SHD64 | | HL3.- | - | H606 | X11SS-38 | 64 | 606-0 | | CS-606-0 | HHSVMCB3 | 26 | 311300 J001 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 011 | HIFI LOA 6A MS . 5 | | HL3.- | - | H606 | X11SS-38 | 69 | 606-5 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J001 | 023 | 3H 3H 3H |
| 044 | HIFI LOA 6A MS . 5RTN | | HL3.- | - | H606 | X11SS-38 | 69 | 606-5 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J001 | 014 | 3H 3H 3H |
| 027 | HIFI LOA 6A MS . SHD69 | | HL3.- | - | H606 | X11SS-38 | 69 | 606-5 | | CS-606-5 | HHSVMCB3 | 26 | 311300 J001 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 6A M . 1 | | HL7.- | - | H607 | 021BS-38 | 75 | 607-1 | | | HHSVMCB3 | 26 | 311300 J001 | 022 | 3H 3H 3H |
| 031 | HIFI LOA 6A M . 1RTN | | HL7.- | - | H607 | 021BS-38 | 75 | 607-1 | | | HHSVMCB3 | 26 | 311300 J001 | 032 | 3H 3H 3H |
| 027 | HIFI LOA 6A M . SHD75 | | HL7.- | - | H607 | 021BS-38 | 75 | 607-1 | | CS-607-1 | HHSVMCB3 | 26 | 311300 J001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 6A M . 2 | | HL7.- | - | H607 | 021BS-38 | 76 | 607-2 | | | HHSVMCB3 | 26 | 311300 J001 | 021 | 3H 3H 3H |
| 048 | HIFI LOA 6A M . 2RTN | | HL7.- | - | H607 | 021BS-38 | 76 | 607-2 | | | HHSVMCB3 | 26 | 311300 J001 | 013 | 3H 3H 3H |
| 027 | HIFI LOA 6A M . SHD76 | | HL7.- | - | H607 | 021BS-38 | 76 | 607-2 | | CS-607-2 | HHSVMCB3 | 26 | 311300 J001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 6A M . 3 | | HL7.- | - | H607 | 021BS-38 | 77 | 607-3 | | | HHSVMCB3 | 26 | 311300 J001 | 006 | 3H 3H 3H |

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Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 225 (of 474)

Connector: 111200 P011
Item: HHLOU
Function / Bundle: HIFI LOU SIH-XH-08
Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 032 | HIFI LOA 6A M . 3RTN | | HL7.- | - | H607 | 021BS-38 | 77 | 607-3 | | | HHSVMCB3 | 26 | 311300 J001 | 007 | 3H 3H 3H |
| 027 | HIFI LOA 6A M . SHD77 | | HL7.- | - | H607 | 021BS-38 | 77 | 607-3 | CS-607-3 | | HHSVMCB3 | 26 | 311300 J001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 6A M . 4 | | HL7.- | - | H607 | 021BS-38 | 78 | 607-4 | | | HHSVMCB3 | 26 | 311300 J001 | 012 | 3H 3H 3H |
| 049 | HIFI LOA 6A M . 4RTN | | HL7.- | - | H607 | 021BS-38 | 78 | 607-4 | | | HHSVMCB3 | 26 | 311300 J001 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 6A M . SHD77 | | HL7.- | - | H607 | 021BS-38 | 78 | 607-5 | CS-607-4 | | HHSVMCB3 | 26 | 311300 J001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 6A M . 5 | | HL7.- | - | H607 | 021BS-38 | 79 | 607-5 | | | HHSVMCB3 | 26 | 311300 J001 | 020 | 3H 3H 3H |
| 050 | HIFI LOA 6A M . 5RTN | | HL7.- | - | H607 | 021BS-38 | 79 | 607-5 | | | HHSVMCB3 | 26 | 311300 J001 | 011 | 3H 3H 3H |
| 027 | HIFI LOA 6A M . SHD79 | | HL7.- | - | H607 | 021BS-38 | 79 | 607-5 | CS-607-5 | | HHSVMCB3 | 26 | 311300 J001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

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Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 227 (of 474)

Connector: 111200 P015
Item: HHLOU

Function / Bundle: HIFI LOU LCU Heater main

Conn.-Type: SCC340100201BDEMA09SNMBFO
Backshell: CA-04-09

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|-------|------------------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA HEAT M . SIG | | HLH.- | - | H701 | TS2CM-28 | 10 | | | | HHSVMCB3 | 26 | 311300 J001 | 019 | 3H 3H 3H |
| 009 | HIFI LOA HEAT M . RTN | | HLH.- | - | H701 | TS2CM-28 | 10 | | | | HHSVMCB3 | 26 | 311300 J001 | 018 | 3H 3H 3H |
| CH | HIFI LOA HEAT M . SHD10 | | HLH.- | - | H701 | TS2CM-28 | 10 | | | CS-H701 | HHSVMCB3 | 26 | 311300 J001 | 010 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 7 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | | | | | | | | | | ;002 ;003 ;004 ;005 ;006 ;007 ;008 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Pin Allocation List

(Harness)

Connector: 311300 J001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 5A D . 1A | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | | HHLOU | 44 | 111200 P009 | 001 | 3H 3H 1H |
| 089 | HIFI LOA 5A D . 1B | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | | HHLOU | 44 | 111200 P009 | 001 | 3H 3H 1H |
| 090 | HIFI LOA 5A D . 1* | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | | HHLOU | 44 | 111200 P009 | 018 | 3H 3H 1H |
| 100 | HIFI LOA 5A D . 1RTNA | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | | HHLOU | 44 | 111200 P009 | 034 | 3H 3H 1H |
| 101 | HIFI LOA 5A D . 1RTNB | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | | HHLOU | 44 | 111200 P009 | 034 | 3H 3H 1H |
| 079 | HIFI LOA 5A D . 1RTN* | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | | | HHLOU | 44 | 111200 P009 | 035 | 3H 3H 1H |
| 068 | HIFI LOA 5A D . SHD01 | | HLD.- | - | H501 | TS6CM-22 | 1 | 501-1 | CS-501-1 | | HHLOU | 44 | 111200 P009 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 055 | HIFI LOA 5A D . 2A | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | | HHLOU | 44 | 111200 P009 | 002 | 3H 3H 1H |
| 056 | HIFI LOA 5A D . 2B | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | | HHLOU | 44 | 111200 P009 | 002 | 3H 3H 1H |
| 067 | HIFI LOA 5A D . 2* | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | | HHLOU | 44 | 111200 P009 | 003 | 3H 3H 1H |
| 044 | HIFI LOA 5A D . 2RTNA | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | | HHLOU | 44 | 111200 P009 | 019 | 3H 3H 1H |
| 045 | HIFI LOA 5A D . 2RTNB | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | | HHLOU | 44 | 111200 P009 | 019 | 3H 3H 1H |
| 066 | HIFI LOA 5A D . 2RTN* | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | | | HHLOU | 44 | 111200 P009 | 036 | 3H 3H 1H |
| 068 | HIFI LOA 5A D . SHD02 | | HLD.- | - | H501 | TS6CM-22 | 2 | 501-2 | CS-501-2 | | HHLOU | 44 | 111200 P009 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 097 | HIFI LOA 5A G . 1 | | HLG.- | - | H502 | TS2CM-28 | 21 | 502-1 | | | HHLOU | 44 | 111200 P009 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 5A G . 1RTN | | HLG.- | - | H502 | TS2CM-28 | 21 | 502-1 | | | HHLOU | 44 | 111200 P009 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 5A G . SHD21 | | HLG.- | - | H502 | TS2CM-28 | 21 | 502-1 | CS-502-1 | | HHLOU | 44 | 111200 P009 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 5A G . 2 | | HLG.- | - | H502 | TS2CM-28 | 22 | 502-2 | | | HHLOU | 44 | 111200 P009 | 021 | 3H 3H 3H |
| 085 | HIFI LOA 5A G . 2RTN | | HLG.- | - | H502 | TS2CM-28 | 22 | 502-2 | | | HHLOU | 44 | 111200 P009 | 037 | 3H 3H 3H |
| 074 | HIFI LOA 5A G . SHD22 | | HLG.- | - | H502 | TS2CM-28 | 22 | 502-2 | CS-502-2 | | HHLOU | 44 | 111200 P009 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 118 | HIFI LOA 5A . D1S | | HLX.- | - | H503 | TP4SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P009 | 023 | 3H 3H 3H |
| 126 | HIFI LOA 5A . D1SRT | | HLX.- | - | H503 | TP4SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P009 | 039 | 3H 3H 3H |
| 119 | HIFI LOA 5A . D2S | | HLX.- | - | H503 | TP4SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P009 | 007 | 3H 3H 3H |
| 110 | HIFI LOA 5A . D2SRT | | HLX.- | - | H503 | TP4SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P009 | 040 | 3H 3H 3H |
| 127 | HIFI LOA 5A . G1S | | HLX.- | - | H503 | TP4SS-38 | 30 | | 3 | | HHLOU | 44 | 111200 P009 | 005 | 3H 3H 3H |
| 128 | HIFI LOA 5A . G1SRT | | HLX.- | - | H503 | TP4SS-38 | 30 | | 3 | | HHLOU | 44 | 111200 P009 | 038 | 3H 3H 3H |
| 111 | HIFI LOA 5A . G2S | | HLX.- | - | H503 | TP4SS-38 | 30 | | 4 | | HHLOU | 44 | 111200 P009 | 006 | 3H 3H 3H |
| 120 | HIFI LOA 5A . G2SRT | | HLX.- | - | H503 | TP4SS-38 | 30 | | 4 | | HHLOU | 44 | 111200 P009 | 022 | 3H 3H 3H |
| 109 | HIFI LOA 5A . SHD30 | | HLX.- | - | H503 | TP4SS-38 | 30 | | | CS-H503 | HHLOU | 44 | 111200 P009 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311300 J001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 092 | HIFI LOA 5A T . VP | | HLT.- | - | H504 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P009 | 008 | 3H 3H 3H |
| 104 | HIFI LOA 5A T . VN | | HLT.- | - | H504 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P009 | 009 | 3H 3H 3H |
| 093 | HIFI LOA 5A T . IP | | HLT.- | - | H504 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P009 | 024 | 3H 3H 3H |
| 081 | HIFI LOA 5A T . 7 | | HLT.- | - | H504 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P009 | | 3H 3H |
| 070 | HIFI LOA 5A T . SHD40 | | HLT.- | - | H504 | 041SS-38 | 40 | | CS-H504 | | HHLOU | 44 | 111200 P009 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 039 | HIFI LOA 5A P . L | | HLP.- | - | H505 | TS2CM-28 | 5 | | | | HHLOU | 44 | 111200 P009 | 010 | 3H 3H 3H |
| 040 | HIFI LOA 5A P . LRTN | | HLP.- | - | H505 | TS2CM-28 | 5 | | | | HHLOU | 44 | 111200 P009 | 026 | 3H 3H 3H |
| 028 | HIFI LOA 5A P . SHD05 | | HLP.- | - | H505 | TS2CM-28 | 5 | | CS-H505 | | HHLOU | 44 | 111200 P009 | 044 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 117 | HIFI LOA 5A MS . 1 | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P009 | 014 | 3H 3H 3H |
| 124 | HIFI LOA 5A MS . 1RTN | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P009 | 047 | 3H 3H 3H |
| 123 | HIFI LOA 5A MS . 2 | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P009 | 013 | 3H 3H 3H |
| 116 | HIFI LOA 5A MS . 2RTN | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P009 | 046 | 3H 3H 3H |
| 125 | HIFI LOA 5A MS . SHD60 | | HL2.- | - | H506 | X10SS-38 | 60 | 506-0 | | CS-506-0 | HHLOU | 44 | 111200 P009 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 107 | HIFI LOA 5A MS . 3 | | HL2.- | - | H506 | X10SS-38 | 63 | 506-3 | | 021SS-38 | HHLOU | 44 | 111200 P009 | 012 | 3H 3H 3H |
| 122 | HIFI LOA 5A MS . 3RTN | | HL2.- | - | H506 | X10SS-38 | 63 | 506-3 | | 021SS-38 | HHLOU | 44 | 111200 P009 | 045 | 3H 3H 3H |
| 125 | HIFI LOA 5A MS . SHD63 | | HL2.- | - | H506 | X10SS-38 | 63 | 506-3 | | CS-506-3 | HHLOU | 44 | 111200 P009 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 5A M . 1 | | HL6.- | - | H507 | 021BS-38 | 71 | 507-1 | | | HHLOU | 44 | 111200 P009 | 015 | 3H 3H 3H |
| 121 | HIFI LOA 5A M . 1RTN | | HL6.- | - | H507 | 021BS-38 | 71 | 507-1 | | | HHLOU | 44 | 111200 P009 | 048 | 3H 3H 3H |
| 091 | HIFI LOA 5A M . SHD71 | | HL6.- | - | H507 | 021BS-38 | 71 | 507-1 | | CS-507-1 | HHLOU | 44 | 111200 P009 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 5A M . 2 | | HL6.- | - | H507 | 021BS-38 | 72 | 507-2 | | | HHLOU | 44 | 111200 P009 | 016 | 3H 3H 3H |
| 102 | HIFI LOA 5A M . 2RTN | | HL6.- | - | H507 | 021BS-38 | 72 | 507-2 | | | HHLOU | 44 | 111200 P009 | 049 | 3H 3H 3H |
| 091 | HIFI LOA 5A M . SHD72 | | HL6.- | - | H507 | 021BS-38 | 72 | 507-2 | | CS-507-2 | HHLOU | 44 | 111200 P009 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 103 | HIFI LOA 5A M . 3 | | HL6.- | - | H507 | 021BS-38 | 73 | 507-3 | | | HHLOU | 44 | 111200 P009 | 017 | 3H 3H 3H |
| 114 | HIFI LOA 5A M . 3RTN | | HL6.- | - | H507 | 021BS-38 | 73 | 507-3 | | | HHLOU | 44 | 111200 P009 | 050 | 3H 3H 3H |
| 091 | HIFI LOA 5A M . SHD73 | | HL6.- | - | H507 | 021BS-38 | 73 | 507-3 | | CS-507-3 | HHLOU | 44 | 111200 P009 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 6A D . 1A | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHLOU | 44 | 111200 P011 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 6A D . 1RTNA | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHLOU | 44 | 111200 P011 | 034 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311300 J001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 087 | HIFI LOA 6A D . 1B | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHLOU | 44 | 111200 P011 | 001 | 3H 3H 3H |
| 076 | HIFI LOA 6A D . 1RTNB | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHLOU | 44 | 111200 P011 | 034 | 3H 3H 3H |
| 088 | HIFI LOA 6A D . 1* | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHLOU | 44 | 111200 P011 | 018 | 3H 3H 3H |
| 059 | HIFI LOA 6A D . 1RTN* | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | | | HHLOU | 44 | 111200 P011 | 035 | 3H 3H 3H |
| 077 | HIFI LOA 6A D . SHD11 | | HLD.- | - | H601 | TS6CM-22 | 11 | 601-1 | CS-601-1 | | HHLOU | 44 | 111200 P011 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 031 | HIFI LOA 6A D . 2A | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHLOU | 44 | 111200 P011 | 002 | 3H 3H 3H |
| 042 | HIFI LOA 6A D . 2RTNA | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHLOU | 44 | 111200 P011 | 019 | 3H 3H 3H |
| 053 | HIFI LOA 6A D . 2B | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHLOU | 44 | 111200 P011 | 002 | 3H 3H 3H |
| 043 | HIFI LOA 6A D . 2RTNB | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHLOU | 44 | 111200 P011 | 019 | 3H 3H 3H |
| 054 | HIFI LOA 6A D . 2* | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHLOU | 44 | 111200 P011 | 003 | 3H 3H 3H |
| 065 | HIFI LOA 6A D . 2RTN* | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | | | HHLOU | 44 | 111200 P011 | 036 | 3H 3H 3H |
| 077 | HIFI LOA 6A D . SHD12 | | HLD.- | - | H601 | TS6CM-22 | 12 | 601-2 | CS-601-2 | | HHLOU | 44 | 111200 P011 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 063 | HIFI LOA 6A G . 1 | | HLG.- | - | H602 | TS2CM-28 | 25 | 602-1 | | | HHLOU | 44 | 111200 P011 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 6A G . 1RTN | | HLG.- | - | H602 | TS2CM-28 | 25 | 602-1 | | | HHLOU | 44 | 111200 P011 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 6A G . SHD25 | | HLG.- | - | H602 | TS2CM-28 | 25 | 602-1 | CS-602-1 | | HHLOU | 44 | 111200 P011 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 6A G . 2 | | HLG.- | - | H602 | TS2CM-28 | 26 | 602-2 | | | HHLOU | 44 | 111200 P011 | 021 | 3H 3H 3H |
| 052 | HIFI LOA 6A G . 2RTN | | HLG.- | - | H602 | TS2CM-28 | 26 | 602-2 | | | HHLOU | 44 | 111200 P011 | 037 | 3H 3H 3H |
| 073 | HIFI LOA 6A G . SHD26 | | HLG.- | - | H602 | TS2CM-28 | 26 | 602-2 | CS-602-2 | | HHLOU | 44 | 111200 P011 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 037 | HIFI LOA 6A . D1S | | HLX.- | - | H603 | TP4SS-38 | 35 | | 1 | | HHLOU | 44 | 111200 P011 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 6A . D1SRT | | HLX.- | - | H603 | TP4SS-38 | 35 | | 1 | | HHLOU | 44 | 111200 P011 | 039 | 3H 3H 3H |
| 038 | HIFI LOA 6A . D2S | | HLX.- | - | H603 | TP4SS-38 | 35 | | 2 | | HHLOU | 44 | 111200 P011 | 007 | 3H 3H 3H |
| 026 | HIFI LOA 6A . D2SRT | | HLX.- | - | H603 | TP4SS-38 | 35 | | 2 | | HHLOU | 44 | 111200 P011 | 040 | 3H 3H 3H |
| 016 | HIFI LOA 6A . G1S | | HLX.- | - | H603 | TP4SS-38 | 35 | | 3 | | HHLOU | 44 | 111200 P011 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 6A . G1SRT | | HLX.- | - | H603 | TP4SS-38 | 35 | | 3 | | HHLOU | 44 | 111200 P011 | 038 | 3H 3H 3H |
| 015 | HIFI LOA 6A . G2S | | HLX.- | - | H603 | TP4SS-38 | 35 | | 4 | | HHLOU | 44 | 111200 P011 | 006 | 3H 3H 3H |
| 008 | HIFI LOA 6A . G2SRT | | HLX.- | - | H603 | TP4SS-38 | 35 | | 4 | | HHLOU | 44 | 111200 P011 | 022 | 3H 3H 3H |
| 025 | HIFI LOA 6A . SHD35 | | HLX.- | - | H603 | TP4SS-38 | 35 | | | CS-H603 | HHLOU | 44 | 111200 P011 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 6A T . VP | | HLT.- | - | H604 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P011 | 008 | 3H 3H 3H |
| 017 | HIFI LOA 6A T . VN | | HLT.- | - | H604 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P011 | 009 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311300 J001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|--------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6A T . IP | | HLT.- | - | H604 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P011 | 024 | 3H 3H 3H |
| 002 | HIFI LOA 6A T . IN | | HLT.- | - | H604 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P011 | 025 | 3H 3H 3H |
| 003 | HIFI LOA 6A T . SHD45 | | HLT.- | - | H604 | 041SS-38 | 45 | | | CS-H604 | HHLOU | 44 | 111200 P011 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 029 | HIFI LOA 6A P . L | | HLP.- | - | H605 | TS2CM-28 | 50 | | | | HHLOU | 44 | 111200 P011 | 010 | 3H 3H 3H |
| 030 | HIFI LOA 6A P . LRTN | | HLP.- | - | H605 | TS2CM-28 | 50 | | | | HHLOU | 44 | 111200 P011 | 026 | 3H 3H 3H |
| 041 | HIFI LOA 6A P . SHD50 | | HLP.- | - | H605 | TS2CM-28 | 50 | | | CS-H605 | HHLOU | 44 | 111200 P011 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 058 | HIFI LOA 6A MS . 1 | | HL3.- | - | H606 | X11SS-38 | 64 | H606-0 | 1 | TP4SS-38 | HHLOU | 44 | 111200 P011 | 030 | 3H 3H 3H |
| 057 | HIFI LOA 6A MS . 1RTN | | HL3.- | - | H606 | X11SS-38 | 64 | H606-0 | 1 | TP4SS-38 | HHLOU | 44 | 111200 P011 | 047 | 3H 3H 3H |
| 046 | HIFI LOA 6A MS . 2 | | HL3.- | - | H606 | X11SS-38 | 64 | H606- | 2 | TP4SS-38 | HHLOU | 44 | 111200 P011 | 013 | 3H 3H 3H |
| 047 | HIFI LOA 6A MS . 2RTN | | HL3.- | - | H606 | X11SS-38 | 64 | H606-0 | 2 | TP4SS-38 | HHLOU | 44 | 111200 P011 | 046 | 3H 3H 3H |
| 034 | HIFI LOA 6A MS . 3 | | HL3.- | - | H606 | X11SS-38 | 64 | H606-0 | 3 | TP4SS-38 | HHLOU | 44 | 111200 P011 | 012 | 3H 3H 3H |
| 033 | HIFI LOA 6A MS . 3RTN | | HL3.- | - | H606 | X11SS-38 | 64 | H606-0 | 3 | TP4SS-38 | HHLOU | 44 | 111200 P011 | 029 | 3H 3H 3H |
| 035 | HIFI LOA 6A MS . 4 | | HL3.- | - | H606 | X11SS-38 | 64 | H606-0 | 4 | TP4SS-38 | HHLOU | 44 | 111200 P011 | 028 | 3H 3H 3H |
| 024 | HIFI LOA 6A MS . 4RTN | | HL3.- | - | H606 | X11SS-38 | 64 | H606-0 | 4 | TP4SS-38 | HHLOU | 44 | 111200 P011 | 045 | 3H 3H 3H |
| 069 | HIFI LOA 6A MS . SHD64 | | HL3.- | - | H606 | X11SS-38 | 64 | 604-0 | | CS-606-0 | HHLOU | 44 | 111200 P011 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 6A MS . 5 | | HL3.- | - | H606 | X11SS-38 | 69 | H606-5 | | 021SS-38 | HHLOU | 44 | 111200 P011 | 011 | 3H 3H 3H |
| 014 | HIFI LOA 6A MS . 5RTN | | HL3.- | - | H606 | X11SS-38 | 69 | H606-5 | | 021SS-38 | HHLOU | 44 | 111200 P011 | 044 | 3H 3H 3H |
| 069 | HIFI LOA 6A MS . SHD69 | | HL3.- | - | H606 | X11SS-38 | 69 | H606-5 | | CS-606-5 | HHLOU | 44 | 111200 P011 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 022 | HIFI LOA 6A M . 1 | | HL7.- | - | H607 | 021BS-38 | 75 | 607-1 | | | HHLOU | 44 | 111200 P011 | 014 | 3H 3H 3H |
| 032 | HIFI LOA 6A M . 1RTN | | HL7.- | - | H607 | 021BS-38 | 75 | 607-1 | | | HHLOU | 44 | 111200 P011 | 031 | 3H 3H 3H |
| 004 | HIFI LOA 6A M . SHD75 | | HL7.- | - | H607 | 021BS-38 | 75 | 607-1 | | CS-607-1 | HHLOU | 44 | 111200 P011 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 021 | HIFI LOA 6A M . 2 | | HL7.- | - | H607 | 021BS-38 | 76 | 607-2 | | | HHLOU | 44 | 111200 P011 | 015 | 3H 3H 3H |
| 013 | HIFI LOA 6A M . 2RTN | | HL7.- | - | H607 | 021BS-38 | 76 | 607-2 | | | HHLOU | 44 | 111200 P011 | 048 | 3H 3H 3H |
| 004 | HIFI LOA 6A M . SHD76 | | HL7.- | - | H607 | 021BS-38 | 76 | 607-2 | | CSH607-2 | HHLOU | 44 | 111200 P011 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 6A M . 3 | | HL7.- | - | H607 | 021BS-38 | 77 | 607-3 | | | HHLOU | 44 | 111200 P011 | 016 | 3H 3H 3H |
| 007 | HIFI LOA 6A M . 3RTN | | HL7.- | - | H607 | 021BS-38 | 77 | 607-3 | | | HHLOU | 44 | 111200 P011 | 032 | 3H 3H 3H |
| 004 | HIFI LOA 6A M . SHD77 | | HL7.- | - | H607 | 021BS-38 | 77 | 607-3 | | CSH607-3 | HHLOU | 44 | 111200 P011 | 027 | 3H 3H 3H |

Pin Allocation List (Harness)

Connector: 311300 J001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 6A M . 4 | | HL7.- | - | H607 | 021BS-38 | 78 | 607-4 | | | HHLOU | 44 | 111200 P011 | 033 | 3H 3H 3H |
| 005 | HIFI LOA 6A M . 4RTN | | HL7.- | - | H607 | 021BS-38 | 78 | 607-4 | | | HHLOU | 44 | 111200 P011 | 049 | 3H 3H 3H |
| 004 | HIFI LOA 6A M . SHD78 | | HL7.- | - | H607 | 021BS-38 | 78 | 607-4 | CSH607-4 | | HHLOU | 44 | 111200 P011 | | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 020 | HIFI LOA 6A M . 5 | | HL7.- | - | H607 | 021BS-38 | 79 | 607-5 | | | HHLOU | 44 | 111200 P011 | 017 | 3H 3H 3H |
| 011 | HIFI LOA 6A M . 5RTN | | HL7.- | - | H607 | 021BS-38 | 79 | 607-5 | | | HHLOU | 44 | 111200 P011 | 050 | 3H 3H 3H |
| 004 | HIFI LOA 6A M . SHD79 | | HL7.- | - | H607 | 021BS-38 | 79 | 607-5 | CS-607-5 | | HHLOU | 44 | 111200 P011 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 019 | HIFI LOA HEAT M . SIG | | HLH.- | - | H701 | TS2CM-28 | 10 | | | | HHLOU | 44 | 111200 P015 | 001 | 3H 3H 3H |
| 018 | HIFI LOA HEAT M . RTN | | HLH.- | - | H701 | TS2CM-28 | 10 | | | | HHLOU | 44 | 111200 P015 | 009 | 3H 3H 3H |
| 010 | HIFI LOA HEAT M . SHD10 | | HLH.- | - | H701 | TS2CM-28 | 10 | | CS-H701 | | HHLOU | 44 | 111200 P015 | CH | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | R |
| - | | | | | | | | | | | | | | | R |
| - | 19 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;036 ;048 ;050 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;099 ;105 ;106 ;108 ;115 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 234 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P013
Item: HHL0U

Function / Bundle: HIFI LOU SIH-XH-09

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-------------|----------|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6C D . 1A | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 078 | 3H 3H 3H | |
| 001 | HIFI LOA 6C D . 1B | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 089 | 3H 3H 3H | |
| 018 | HIFI LOA 6C D . 1* | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 090 | 3H 3H 3H | |
| 034 | HIFI LOA 6C D . 1RTNA | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 100 | 3H 3H 3H | |
| 034 | HIFI LOA 6C D . 1RTNB | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 101 | 3H 3H 3H | |
| 035 | HIFI LOA 6C D . 1RTN* | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 079 | 3H 3H 3H | |
| 041 | HIFI LOA 6C D . SHD11 | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | CS-621-1 | HHSVMCB3 | 26 | 311300 J005 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 6C D . 2A | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 055 | 3H 3H 3H | |
| 002 | HIFI LOA 6C D . 2B | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 056 | 3H 3H 3H | |
| 003 | HIFI LOA 6C D . 2* | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 067 | 3H 3H 3H | |
| 019 | HIFI LOA 6C D . 2RTNA | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 044 | 3H 3H 3H | |
| 019 | HIFI LOA 6C D . 2RTNB | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 045 | 3H 3H 3H | |
| 036 | HIFI LOA 6C D . 2RTN* | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-1 | | HHSVMCB3 | 26 | 311300 J005 | 066 | 3H 3H 3H | |
| 041 | HIFI LOA 6C D . SHD12 | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-1 | CS-621-2 | HHSVMCB3 | 26 | 311300 J005 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 6C G . 1 | | HLG.- | - | H622 | TS2CM-28 | 21 | 622-1 | | HHSVMCB3 | 26 | 311300 J005 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 6C G . 1RTN | | HLG.- | - | H622 | TS2CM-28 | 21 | 622-1 | | HHSVMCB3 | 26 | 311300 J005 | 098 | 3H 3H 3H | |
| 041 | HIFI LOA 6C G . SHD21 | | HLG.- | - | H622 | TS2CM-28 | 21 | 622-1 | CS-622-1 | HHSVMCB3 | 26 | 311300 J005 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 6C G . 2 | | HLG.- | - | H622 | TS2CM-28 | 22 | 622-2 | | HHSVMCB3 | 26 | 311300 J005 | 086 | 3H 3H 3H | |
| 037 | HIFI LOA 6C G . 2RTN | | HLG.- | - | H622 | TS2CM-28 | 22 | 622-2 | | HHSVMCB3 | 26 | 311300 J005 | 085 | 3H 3H 3H | |
| 041 | HIFI LOA 6C G . SHD22 | | HLG.- | - | H622 | TS2CM-28 | 22 | 622-2 | CS-622-2 | HHSVMCB3 | 26 | 311300 J005 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 023 | HIFI LOA 6C . D1S | | HLX.- | - | H623 | TP4SS-38 | 30 | | 1 | HHSVMCB3 | 26 | 311300 J005 | 118 | 3H 3H 3H | |
| 039 | HIFI LOA 6C . D1SRT | | HLX.- | - | H623 | TP4SS-38 | 30 | | 1 | HHSVMCB3 | 26 | 311300 J005 | 126 | 3H 3H 3H | |
| 007 | HIFI LOA 6C . D2S | | HLX.- | - | H623 | TP4SS-38 | 30 | | 2 | HHSVMCB3 | 26 | 311300 J005 | 119 | 3H 3H 3H | |
| 040 | HIFI LOA 6C . D2SRT | | HLX.- | - | H623 | TP4SS-38 | 30 | | 2 | HHSVMCB3 | 26 | 311300 J005 | 110 | 3H 3H 3H | |
| 005 | HIFI LOA 6C . G1S | | HLX.- | - | H623 | TP4SS-38 | 30 | | 3 | HHSVMCB3 | 26 | 311300 J005 | 127 | 3H 3H 3H | |
| 038 | HIFI LOA 6C . G1SRT | | HLX.- | - | H623 | TP4SS-38 | 30 | | 3 | HHSVMCB3 | 26 | 311300 J005 | 128 | 3H 3H 3H | |
| 006 | HIFI LOA 6C . G2S | | HLX.- | - | H623 | TP4SS-38 | 30 | | 4 | HHSVMCB3 | 26 | 311300 J005 | 111 | 3H 3H 3H | |
| 022 | HIFI LOA 6C . G2SRT | | HLX.- | - | H623 | TP4SS-38 | 30 | | 4 | HHSVMCB3 | 26 | 311300 J005 | 120 | 3H 3H 3H | |
| 042 | HIFI LOA 6C . SHD30 | | HLX.- | - | H623 | TP4SS-38 | 30 | | | CS-H623 | HHSVMCB3 | 26 | 311300 J005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P013
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-09

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | 3H |
| 008 | HIFI LOA 6C T . VP | | HLT.- | - | H624 | 041SS-38 | 40 | | | | HHSVMCB3 | 26 | 311300 J005 | 094 | 3H 3H 3H |
| 009 | HIFI LOA 6C T . VN | | HLT.- | - | H624 | 041SS-38 | 40 | | | | HHSVMCB3 | 26 | 311300 J005 | 083 | 3H 3H 3H |
| 024 | HIFI LOA 6C T . IP | | HLT.- | - | H624 | 041SS-38 | 40 | | | | HHSVMCB3 | 26 | 311300 J005 | 095 | 3H 3H 3H |
| 025 | HIFI LOA 6C T . IN | | HLT.- | - | H624 | 041SS-38 | 40 | | | | HHSVMCB3 | 26 | 311300 J005 | 105 | 3H 3H 3H |
| 043 | HIFI LOA 6C T . SHD40 | | HLT.- | - | H624 | 041SS-38 | 40 | | | CS-H624 | HHSVMCB3 | 26 | 311300 J005 | 084 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 6C P . L | | HLP.- | - | H625 | TS2CM-28 | 51 | | | | HHSVMCB3 | 26 | 311300 J005 | 039 | 3H 3H 3H |
| 026 | HIFI LOA 6C P . LRTN | | HLP.- | - | H625 | TS2CM-28 | 51 | | | | HHSVMCB3 | 26 | 311300 J005 | 040 | 3H 3H 3H |
| 043 | HIFI LOA 6C P . SHD51 | | HLP.- | - | H625 | TS2CM-28 | 51 | | | CS-H625 | HHSVMCB3 | 26 | 311300 J005 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 030 | HIFI LOA 6C MS . 1 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 1 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 093 | 3H 3H 3H |
| 047 | HIFI LOA 6C MS . 1RTN | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 1 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 081 | 3H 3H 3H |
| 013 | HIFI LOA 6C MS . 2 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 2 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 091 | 3H 3H 3H |
| 046 | HIFI LOA 6C MS . 2RTN | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 2 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 080 | 3H 3H 3H |
| 012 | HIFI LOA 6C MS . 3 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 3 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 104 | 3H 3H 3H |
| 029 | HIFI LOA 6C MS . 3RTN | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 3 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 092 | 3H 3H 3H |
| 028 | HIFI LOA 6C MS . 4 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 4 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 114 | 3H 3H 3H |
| 045 | HIFI LOA 6C MS . 4RTN | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 4 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 103 | 3H 3H 3H |
| 027 | HIFI LOA 6C MS . SHD60 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | | CS-H626-0 | HHSVMCB3 | 26 | 311300 J005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 011 | HIFI LOA 6C MS . 5 | | HL3.- | - | H626 | X11SS-38 | 65 | 626-5 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J005 | 113 | 3H 3H 3H |
| 044 | HIFI LOA 6C MS . 5RTN | | HL3.- | - | H626 | X11SS-38 | 65 | 626-5 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J005 | 121 | 3H 3H 3H |
| 027 | HIFI LOA 6C MS . SHD65 | | HL3.- | - | H626 | X11SS-38 | 65 | 625-5 | | CS-H626-5 | HHSVMCB3 | 26 | 311300 J005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 6C M . 1 | | HL7.- | - | H627 | 021BS-38 | 71 | 627-1 | | | HHSVMCB3 | 26 | 311300 J005 | 117 | 3H 3H 3H |
| 031 | HIFI LOA 6C M . 1RTN | | HL7.- | - | H627 | 021BS-38 | 71 | 627-1 | | | HHSVMCB3 | 26 | 311300 J005 | 124 | 3H 3H 3H |
| 027 | HIFI LOA 6C M . SHD71 | | HL7.- | - | H627 | 021BS-38 | 71 | 627-1 | | CS-627-1 | HHSVMCB3 | 26 | 311300 J005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 6C M . 2 | | HL7.- | - | H627 | 021BS-38 | 72 | 627-2 | | | HHSVMCB3 | 26 | 311300 J005 | 123 | 3H 3H 3H |
| 048 | HIFI LOA 6C M . 2RTN | | HL7.- | - | H627 | 021BS-38 | 72 | 627-2 | | | HHSVMCB3 | 26 | 311300 J005 | 116 | 3H 3H 3H |
| 027 | HIFI LOA 6C M . SHD72 | | HL7.- | - | H627 | 021BS-38 | 72 | 627-2 | | CS-627-2 | HHSVMCB3 | 26 | 311300 J005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 237 (of 474)

Connector: 111200 P013
Item: HHL0U

Function / Bundle: HIFI LOU SIH-XH-09

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 016 | HIFI LOA 6C M . 3 | | HL7.- | - | H627 | 021BS-38 | 73 | 627-3 | | HHSVMCB3 | 26 | 311300 J005 | 107 | 3H 3H 3H | |
| 032 | HIFI LOA 6C M . 3RTN | | HL7.- | - | H627 | 021BS-38 | 73 | 627-3 | | HHSVMCB3 | 26 | 311300 J005 | 108 | 3H 3H 3H | |
| 027 | HIFI LOA 6C M . SHD73 | | HL7.- | - | H627 | 021BS-38 | 73 | 627-3 | CS-627-3 | HHSVMCB3 | 26 | 311300 J005 | 125 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 033 | HIFI LOA 6C M . 4 | | HL7.- | - | H627 | 021BS-38 | 74 | 627-4 | | HHSVMCB3 | 26 | 311300 J005 | 115 | 3H 3H 3H | |
| 049 | HIFI LOA 6C M . 4RTN | | HL7.- | - | H627 | 021BS-38 | 74 | 627-4 | | HHSVMCB3 | 26 | 311300 J005 | 122 | 3H 3H 3H | |
| 027 | HIFI LOA 6C M . SHD74 | | HL7.- | - | H627 | 021BS-38 | 74 | 627-4 | CS-627-4 | HHSVMCB3 | 26 | 311300 J005 | 125 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 017 | HIFI LOA 6C M . 5 | | HL7.- | - | H627 | 021BS-38 | 75 | 627-5 | | HHSVMCB3 | 26 | 311300 J005 | 106 | 3H 3H 3H | |
| 050 | HIFI LOA 6C M . 5RTN | | HL7.- | - | H627 | 021BS-38 | 75 | 627-5 | | HHSVMCB3 | 26 | 311300 J005 | 096 | 3H 3H 3H | |
| 027 | HIFI LOA 6C M . SHD75 | | HL7.- | - | H627 | 021BS-38 | 75 | 627-5 | CS-627-5 | HHSVMCB3 | 26 | 311300 J005 | 125 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | 1H | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 238 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P014
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-09

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6D D . 1A | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHSVMCB3 | 26 | 311300 J005 | 064 | 3H 3H 3H | |
| 034 | HIFI LOA 6D D . 1RTNA | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHSVMCB3 | 26 | 311300 J005 | 075 | 3H 3H 3H | |
| 001 | HIFI LOA 6D D . 1B | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHSVMCB3 | 26 | 311300 J005 | 087 | 3H 3H 3H | |
| 034 | HIFI LOA 6D D . 1RTNB | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHSVMCB3 | 26 | 311300 J005 | 076 | 3H 3H 3H | |
| 018 | HIFI LOA 6D D . 1* | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHSVMCB3 | 26 | 311300 J005 | 088 | 3H 3H 3H | |
| 035 | HIFI LOA 6D D . 1RTN* | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHSVMCB3 | 26 | 311300 J005 | 099 | 3H 3H 3H | |
| 041 | HIFI LOA 6D D . SHD15 | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | CS-631-1 | HHSVMCB3 | 26 | 311300 J005 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 6D D . 2A | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHSVMCB3 | 26 | 311300 J005 | 031 | 3H 3H 3H | |
| 019 | HIFI LOA 6D D . 2RTNA | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHSVMCB3 | 26 | 311300 J005 | 042 | 3H 3H 3H | |
| 002 | HIFI LOA 6D D . 2B | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHSVMCB3 | 26 | 311300 J005 | 053 | 3H 3H 3H | |
| 019 | HIFI LOA 6D D . 2RTNB | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHSVMCB3 | 26 | 311300 J005 | 043 | 3H 3H 3H | |
| 003 | HIFI LOA 6D D . 2* | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHSVMCB3 | 26 | 311300 J005 | 054 | 3H 3H 3H | |
| 036 | HIFI LOA 6D D . 2RTN* | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHSVMCB3 | 26 | 311300 J005 | 065 | 3H 3H 3H | |
| 041 | HIFI LOA 6D D . SHD16 | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | CS-631-2 | HHSVMCB3 | 26 | 311300 J005 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 6D G . 1 | | HLG.- | - | H632 | TS2CM-28 | 25 | 632-1 | | HHSVMCB3 | 26 | 311300 J005 | 063 | 3H 3H 3H | |
| 020 | HIFI LOA 6D G . 1RTN | | HLG.- | - | H632 | TS2CM-28 | 25 | 632-1 | | HHSVMCB3 | 26 | 311300 J005 | 062 | 3H 3H 3H | |
| 041 | HIFI LOA 6D G . SHD25 | | HLG.- | - | H632 | TS2CM-28 | 25 | 632-1 | CS-632-1 | HHSVMCB3 | 26 | 311300 J005 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 6D G . 2 | | HLG.- | - | H632 | TS2CM-28 | 26 | 632-2 | | HHSVMCB3 | 26 | 311300 J005 | 051 | 3H 3H 3H | |
| 037 | HIFI LOA 6D G . 2RTN | | HLG.- | - | H632 | TS2CM-28 | 26 | 632-2 | | HHSVMCB3 | 26 | 311300 J005 | 052 | 3H 3H 3H | |
| 041 | HIFI LOA 6D G . SHD26 | | HLG.- | - | H632 | TS2CM-28 | 26 | 632-2 | CS-632-2 | HHSVMCB3 | 26 | 311300 J005 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 6D . D1S | | HLX.- | - | H633 | TP4SS-38 | 35 | | 1 | HHSVMCB3 | 26 | 311300 J005 | 037 | 3H 3H 3H | |
| 039 | HIFI LOA 6D . D1SRT | | HLX.- | - | H633 | TP4SS-38 | 35 | | 1 | HHSVMCB3 | 26 | 311300 J005 | 049 | 3H 3H 3H | |
| 007 | HIFI LOA 6D . D2S | | HLX.- | - | H633 | TP4SS-38 | 35 | | 2 | HHSVMCB3 | 26 | 311300 J005 | 038 | 3H 3H 3H | |
| 040 | HIFI LOA 6D . D2SRT | | HLX.- | - | H633 | TP4SS-38 | 35 | | 2 | HHSVMCB3 | 26 | 311300 J005 | 026 | 3H 3H 3H | |
| 005 | HIFI LOA 6D . G1S | | HLX.- | - | H633 | TP4SS-38 | 35 | | 3 | HHSVMCB3 | 26 | 311300 J005 | 016 | 3H 3H 3H | |
| 038 | HIFI LOA 6D . G1SRT | | HLX.- | - | H633 | TP4SS-38 | 35 | | 3 | HHSVMCB3 | 26 | 311300 J005 | 027 | 3H 3H 3H | |
| 006 | HIFI LOA 6D . G2S | | HLX.- | - | H633 | TP4SS-38 | 35 | | 4 | HHSVMCB3 | 26 | 311300 J005 | 015 | 3H 3H 3H | |
| 022 | HIFI LOA 6D . G2SRT | | HLX.- | - | H633 | TP4SS-38 | 35 | | 4 | HHSVMCB3 | 26 | 311300 J005 | 008 | 3H 3H 3H | |
| 042 | HIFI LOA 6D . SHD35 | | HLX.- | - | H633 | TP4SS-38 | 35 | | | CS-H633 | 26 | 311300 J005 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 111200 P014

Function / Bundle: HIFI LOU SIH-XH-09

Conn.-Type: SCC340100201BDDMA50PNMBFO

Item: HHLOU

Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 6D T . VP | | HLT.- | - | H634 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J005 | 009 | 3H 3H 3H |
| 009 | HIFI LOA 6D T . VN | | HLT.- | - | H634 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J005 | 017 | 3H 3H 3H |
| 024 | HIFI LOA 6D T . IP | | HLT.- | - | H634 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J005 | 001 | 3H 3H 3H |
| 025 | HIFI LOA 6D T . IN | | HLT.- | - | H634 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J005 | 002 | 3H 3H 3H |
| 043 | HIFI LOA 6D T . SHD45 | | HLT.- | - | H634 | 041SS-38 | 45 | | | CS-H634 | HHSVMCB3 | 26 | 311300 J005 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 6D P . L | | HLP.- | - | H635 | TS2CM-28 | 55 | | | | HHSVMCB3 | 26 | 311300 J005 | 029 | 3H 3H 3H |
| 026 | HIFI LOA 6D P . LRTN | | HLP.- | - | H635 | TS2CM-28 | 55 | | | | HHSVMCB3 | 26 | 311300 J005 | 030 | 3H 3H 3H |
| 043 | HIFI LOA 6D P . SHD55 | | HLP.- | - | H635 | TS2CM-28 | 55 | | | CS-H635 | HHSVMCB3 | 26 | 311300 J005 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 030 | HIFI LOA 6D MS . 1 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 1 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 058 | 3H 3H 3H |
| 047 | HIFI LOA 6D MS . 1RTN | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 1 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 057 | 3H 3H 3H |
| 013 | HIFI LOA 6D MS . 2 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 2 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 046 | 3H 3H 3H |
| 046 | HIFI LOA 6D MS . 2RTN | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 2 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 047 | 3H 3H 3H |
| 012 | HIFI LOA 6D MS . 3 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 3 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 034 | 3H 3H 3H |
| 029 | HIFI LOA 6D MS . 3RTN | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 3 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 033 | 3H 3H 3H |
| 028 | HIFI LOA 6D MS . 4 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 4 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 035 | 3H 3H 3H |
| 045 | HIFI LOA 6D MS . 4RTN | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 4 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J005 | 024 | 3H 3H 3H |
| 027 | HIFI LOA 6D MS . SHD80 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | | CS-636-0 | HHSVMCB3 | 26 | 311300 J005 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 011 | HIFI LOA 6D MS . 5 | | HL3.- | - | H636 | X11SS-38 | 85 | 636-5 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J005 | 023 | 3H 3H 3H |
| 044 | HIFI LOA 6D MS . 5RTN | | HL3.- | - | H636 | X11SS-38 | 85 | 636-5 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J005 | 014 | 3H 3H 3H |
| 027 | HIFI LOA 6D MS . SHD85 | | HL3.- | - | H636 | X11SS-38 | 85 | 636-5 | | CS-636-5 | HHSVMCB3 | 26 | 311300 J005 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 6D M . 1 | | HL7.- | - | H637 | 021BS-38 | 91 | 637-1 | | | HHSVMCB3 | 26 | 311300 J005 | 022 | 3H 3H 3H |
| 031 | HIFI LOA 6D M . 1RTN | | HL7.- | - | H637 | 021BS-38 | 91 | 637-1 | | | HHSVMCB3 | 26 | 311300 J005 | 032 | 3H 3H 3H |
| 027 | HIFI LOA 6D M . SHD91 | | HL7.- | - | H637 | 021BS-38 | 91 | 637-1 | | CS-637-1 | HHSVMCB3 | 26 | 311300 J005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 6D M . 2 | | HL7.- | - | H637 | 021BS-38 | 92 | 637-2 | | | HHSVMCB3 | 26 | 311300 J005 | 021 | 3H 3H 3H |
| 048 | HIFI LOA 6D M . 2RTN | | HL7.- | - | H637 | 021BS-38 | 92 | 637-2 | | | HHSVMCB3 | 26 | 311300 J005 | 013 | 3H 3H 3H |
| 027 | HIFI LOA 6D M . SHD92 | | HL7.- | - | H637 | 021BS-38 | 92 | 637-2 | | CS-637-2 | HHSVMCB3 | 26 | 311300 J005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 6D M . 3 | | HL7.- | - | H637 | 021BS-38 | 93 | 637-3 | | | HHSVMCB3 | 26 | 311300 J005 | 006 | 3H 3H 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 241 (of 474)

Connector: 111200 P014
Item: HHLOU
Function / Bundle: HIFI LOU SIH-XH-09
Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 032 | HIFI LOA 6D M . 3RTN | | HL7.- | - | H637 | 021BS-38 | 93 | 637-3 | | | HHSVMCB3 | 26 | 311300 J005 | 007 | 3H 3H 3H |
| 027 | HIFI LOA 6D M . SHD93 | | HL7.- | - | H637 | 021BS-38 | 93 | 637-3 | CS-637-3 | | HHSVMCB3 | 26 | 311300 J005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 6D M . 4 | | HL7.- | - | H637 | 021BS-38 | 94 | 637-4 | | | HHSVMCB3 | 26 | 311300 J005 | 012 | 3H 3H 3H |
| 049 | HIFI LOA 6D M . 4RTN | | HL7.- | - | H637 | 021BS-38 | 94 | 637-4 | | | HHSVMCB3 | 26 | 311300 J005 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 6D M . SHD94 | | HL7.- | - | H637 | 021BS-38 | 94 | 637-4 | CS-637-4 | | HHSVMCB3 | 26 | 311300 J005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 6D M . 5 | | HL7.- | - | H637 | 021BS-38 | 95 | 637-5 | | | HHSVMCB3 | 26 | 311300 J005 | 020 | 3H 3H 3H |
| 050 | HIFI LOA 6D M . 5RTN | | HL7.- | - | H637 | 021BS-38 | 95 | 637-5 | | | HHSVMCB3 | 26 | 311300 J005 | 011 | 3H 3H 3H |
| 027 | HIFI LOA 6D M . SHD95 | | HL7.- | - | H637 | 021BS-38 | 95 | 637-5 | CS-637-5 | | HHSVMCB3 | 26 | 311300 J005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 242 (of 474)

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Pin Allocation List

(Harness)

Connector: 311300 J005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 6C D . 1A | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | | HHLOU | 44 | 111200 P013 | 001 | 3H 3H 3H |
| 089 | HIFI LOA 6C D . 1B | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | | HHLOU | 44 | 111200 P013 | 001 | 3H 3H 3H |
| 090 | HIFI LOA 6C D . 1* | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | | HHLOU | 44 | 111200 P013 | 018 | 3H 3H 3H |
| 100 | HIFI LOA 6C D . 1RTNA | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | | HHLOU | 44 | 111200 P013 | 034 | 3H 3H 3H |
| 101 | HIFI LOA 6C D . 1RTNB | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | | HHLOU | 44 | 111200 P013 | 034 | 3H 3H 3H |
| 079 | HIFI LOA 6C D . 1RTN* | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | | HHLOU | 44 | 111200 P013 | 035 | 3H 3H 3H |
| 068 | HIFI LOA 6C D . SHD11 | | HLD.- | - | H621 | TS6CM-22 | 11 | 621-1 | | CS-621-1 | HHLOU | 44 | 111200 P013 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 055 | HIFI LOA 6C D . 2A | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-2 | | | HHLOU | 44 | 111200 P013 | 002 | 3H 3H 3H |
| 056 | HIFI LOA 6C D . 2B | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-2 | | | HHLOU | 44 | 111200 P013 | 002 | 3H 3H 3H |
| 067 | HIFI LOA 6C D . 2* | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-2 | | | HHLOU | 44 | 111200 P013 | 003 | 3H 3H 3H |
| 044 | HIFI LOA 6C D . 2RTNA | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-2 | | | HHLOU | 44 | 111200 P013 | 019 | 3H 3H 3H |
| 045 | HIFI LOA 6C D . 2RTNB | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-2 | | | HHLOU | 44 | 111200 P013 | 019 | 3H 3H 3H |
| 066 | HIFI LOA 6C D . 2RTN* | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-2 | | | HHLOU | 44 | 111200 P013 | 036 | 3H 3H 3H |
| 068 | HIFI LOA 6C D . SHD12 | | HLD.- | - | H621 | TS6CM-22 | 12 | 621-1 | | CS-621-2 | HHLOU | 44 | 111200 P013 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 097 | HIFI LOA 6C G . 1 | | HLG.- | - | H622 | TS2CM-28 | 21 | 622-1 | | | HHLOU | 44 | 111200 P013 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 6C G . 1RTN | | HLG.- | - | H622 | TS2CM-28 | 21 | 622-1 | | | HHLOU | 44 | 111200 P013 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 6C G . SHD21 | | HLG.- | - | H622 | TS2CM-28 | 21 | 622-1 | | CS-622-1 | HHLOU | 44 | 111200 P013 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 6C G . 2 | | HLG.- | - | H622 | TS2CM-28 | 22 | 622-2 | | | HHLOU | 44 | 111200 P013 | 021 | 3H 3H 3H |
| 085 | HIFI LOA 6C G . 2RTN | | HLG.- | - | H622 | TS2CM-28 | 22 | 622-2 | | | HHLOU | 44 | 111200 P013 | 037 | 3H 3H 3H |
| 074 | HIFI LOA 6C G . SHD22 | | HLG.- | - | H622 | TS2CM-28 | 22 | 622-2 | | CS-622-2 | HHLOU | 44 | 111200 P013 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 118 | HIFI LOA 6C . D1S | | HLX.- | - | H623 | TP4SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P013 | 023 | 3H 3H 3H |
| 126 | HIFI LOA 6C . D1SRT | | HLX.- | - | H623 | TP4SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P013 | 039 | 3H 3H 3H |
| 119 | HIFI LOA 6C . D2S | | HLX.- | - | H623 | TP4SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P013 | 007 | 3H 3H 3H |
| 110 | HIFI LOA 6C . D2SRT | | HLX.- | - | H623 | TP4SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P013 | 040 | 3H 3H 3H |
| 127 | HIFI LOA 6C . G1S | | HLX.- | - | H623 | TP4SS-38 | 30 | | 3 | | HHLOU | 44 | 111200 P013 | 005 | 3H 3H 3H |
| 128 | HIFI LOA 6C . G1SRT | | HLX.- | - | H623 | TP4SS-38 | 30 | | 3 | | HHLOU | 44 | 111200 P013 | 038 | 3H 3H 3H |
| 111 | HIFI LOA 6C . G2S | | HLX.- | - | H623 | TP4SS-38 | 30 | | 4 | | HHLOU | 44 | 111200 P013 | 006 | 3H 3H 3H |
| 120 | HIFI LOA 6C . G2SRT | | HLX.- | - | H623 | TP4SS-38 | 30 | | 4 | | HHLOU | 44 | 111200 P013 | 022 | 3H 3H 3H |
| 109 | HIFI LOA 6C . SHD30 | | HLX.- | - | H623 | TP4SS-38 | 30 | | | CS-H623 | HHLOU | 44 | 111200 P013 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311300 J005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 094 | HIFI LOA 6C T . VP | | HLT.- | - | H624 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P013 | 008 | 3H 3H 3H |
| 083 | HIFI LOA 6C T . VN | | HLT.- | - | H624 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P013 | 009 | 3H 3H 3H |
| 095 | HIFI LOA 6C T . IP | | HLT.- | - | H624 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P013 | 024 | 3H 3H 3H |
| 105 | HIFI LOA 6C T . IN | | HLT.- | - | H624 | 041SS-38 | 40 | | | | HHLOU | 44 | 111200 P013 | 025 | 3H 3H 3H |
| 084 | HIFI LOA 6C T . SHD40 | | HLT.- | - | H624 | 041SS-38 | 40 | | | CS-H624 | HHLOU | 44 | 111200 P013 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 039 | HIFI LOA 6C P . L | | HLP.- | - | H625 | TS2CM-28 | 51 | | | | HHLOU | 44 | 111200 P013 | 010 | 3H 3H 3H |
| 040 | HIFI LOA 6C P . LRTN | | HLP.- | - | H625 | TS2CM-28 | 51 | | | | HHLOU | 44 | 111200 P013 | 026 | 3H 3H 3H |
| 028 | HIFI LOA 6C P . SHD51 | | HLP.- | - | H625 | TS2CM-28 | 51 | | | CS-H625 | HHLOU | 44 | 111200 P013 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 093 | HIFI LOA 6C MS . 1 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 1 | TP4SS-38 | HHLOU | 44 | 111200 P013 | 030 | 3H 3H 3H |
| 081 | HIFI LOA 6C MS . 1RTN | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 1 | TP4SS-38 | HHLOU | 44 | 111200 P013 | 047 | 3H 3H 3H |
| 091 | HIFI LOA 6C MS . 2 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 2 | TP4SS-38 | HHLOU | 44 | 111200 P013 | 013 | 3H 3H 3H |
| 080 | HIFI LOA 6C MS . 2RTN | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 2 | TP4SS-38 | HHLOU | 44 | 111200 P013 | 046 | 3H 3H 3H |
| 104 | HIFI LOA 6C MS . 3 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 3 | TP4SS-38 | HHLOU | 44 | 111200 P013 | 012 | 3H 3H 3H |
| 092 | HIFI LOA 6C MS . 3RTN | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 3 | TP4SS-38 | HHLOU | 44 | 111200 P013 | 029 | 3H 3H 3H |
| 114 | HIFI LOA 6C MS . 4 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 4 | TP4SS-38 | HHLOU | 44 | 111200 P013 | 028 | 3H 3H 3H |
| 103 | HIFI LOA 6C MS . 4RTN | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | 4 | TP4SS-38 | HHLOU | 44 | 111200 P013 | 045 | 3H 3H 3H |
| 070 | HIFI LOA 6C MS . SHD60 | | HL3.- | - | H626 | X11SS-38 | 60 | 626-0 | | CS-626-0 | HHLOU | 44 | 111200 P013 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 6C MS . 5 | | HL3.- | - | H626 | X11SS-38 | 65 | 626-5 | | 021SS-38 | HHLOU | 44 | 111200 P013 | 011 | 3H 3H 3H |
| 121 | HIFI LOA 6C MS . 5RTN | | HL3.- | - | H626 | X11SS-38 | 65 | 626-5 | | 021SS-38 | HHLOU | 44 | 111200 P013 | 044 | 3H 3H 3H |
| 070 | HIFI LOA 6C MS . SHD65 | | HL3.- | - | H626 | X11SS-38 | 65 | 626-5 | | CS-626-5 | HHLOU | 44 | 111200 P013 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 117 | HIFI LOA 6C M . 1 | | HL7.- | - | H627 | 021BS-38 | 71 | 627-1 | | | HHLOU | 44 | 111200 P013 | 014 | 3H 3H 3H |
| 124 | HIFI LOA 6C M . 1RTN | | HL7.- | - | H627 | 021BS-38 | 71 | 627-1 | | | HHLOU | 44 | 111200 P013 | 031 | 3H 3H 3H |
| 125 | HIFI LOA 6C M . SHD71 | | HL7.- | - | H627 | 021BS-38 | 71 | 627-1 | | CS-627-1 | HHLOU | 44 | 111200 P013 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 123 | HIFI LOA 6C M . 2 | | HL7.- | - | H627 | 021BS-38 | 72 | 627-2 | | | HHLOU | 44 | 111200 P013 | 015 | 3H 3H 3H |
| 116 | HIFI LOA 6C M . 2RTN | | HL7.- | - | H627 | 021BS-38 | 72 | 627-2 | | | HHLOU | 44 | 111200 P013 | 048 | 3H 3H 3H |
| 125 | HIFI LOA 6C M . SHD72 | | HL7.- | - | H627 | 021BS-38 | 72 | 627-2 | | CS-627-2 | HHLOU | 44 | 111200 P013 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 107 | HIFI LOA 6C M . 3 | | HL7.- | - | H627 | 021BS-38 | 73 | 627-3 | | | HHLOU | 44 | 111200 P013 | 016 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311300 J005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 108 | HIFI LOA 6C M . 3RTN | | HL7.- | - | H627 | 021BS-38 | 73 | 627-3 | | HHLOU | 44 | 111200 P013 | 032 | 3H 3H 3H | |
| 125 | HIFI LOA 6C M . SHD73 | | HL7.- | - | H627 | 021BS-38 | 73 | 627-3 | CS-627-3 | HHLOU | 44 | 111200 P013 | 027 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 115 | HIFI LOA 6C M . 4 | | HL7.- | - | H627 | 021BS-38 | 74 | 627-4 | | HHLOU | 44 | 111200 P013 | 033 | 3H 3H 3H | |
| 122 | HIFI LOA 6C M . 4RTN | | HL7.- | - | H627 | 021BS-38 | 74 | 627-4 | | HHLOU | 44 | 111200 P013 | 049 | 3H 3H 3H | |
| 125 | HIFI LOA 6C M . SHD74 | | HL7.- | - | H627 | 021BS-38 | 74 | 627-4 | CS-627-4 | HHLOU | 44 | 111200 P013 | 027 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 106 | HIFI LOA 6C M . 5 | | HL7.- | - | H627 | 021BS-38 | 75 | 627-5 | | HHLOU | 44 | 111200 P013 | 017 | 3H 3H 3H | |
| 096 | HIFI LOA 6C M . 5RTN | | HL7.- | - | H627 | 021BS-38 | 75 | 627-5 | | HHLOU | 44 | 111200 P013 | 050 | 3H 3H 3H | |
| 125 | HIFI LOA 6C M . SHD75 | | HL7.- | - | H627 | 021BS-38 | 75 | 627-5 | CS-627-5 | HHLOU | 44 | 111200 P013 | 027 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 064 | HIFI LOA 6D D . 1A | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHLOU | 44 | 111200 P014 | 001 | 3H 3H 3H | |
| 075 | HIFI LOA 6D D . 1RTNA | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHLOU | 44 | 111200 P014 | 034 | 3H 3H 3H | |
| 087 | HIFI LOA 6D D . 1B | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHLOU | 44 | 111200 P014 | 001 | 3H 3H 3H | |
| 076 | HIFI LOA 6D D . 1RTNB | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHLOU | 44 | 111200 P014 | 034 | 3H 3H 3H | |
| 088 | HIFI LOA 6D D . 1* | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHLOU | 44 | 111200 P014 | 018 | 3H 3H 3H | |
| 099 | HIFI LOA 6D D . 1RTN* | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | | HHLOU | 44 | 111200 P014 | 035 | 3H 3H 3H | |
| 077 | HIFI LOA 6D D . SHD15 | | HLD.- | - | H631 | TS6CM-22 | 15 | 631-1 | CS-631-1 | HHLOU | 44 | 111200 P014 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 031 | HIFI LOA 6D D . 2A | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHLOU | 44 | 111200 P014 | 002 | 3H 3H 3H | |
| 042 | HIFI LOA 6D D . 2RTNA | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHLOU | 44 | 111200 P014 | 019 | 3H 3H 3H | |
| 053 | HIFI LOA 6D D . 2B | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHLOU | 44 | 111200 P014 | 002 | 3H 3H 3H | |
| 043 | HIFI LOA 6D D . 2RTNB | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHLOU | 44 | 111200 P014 | 019 | 3H 3H 3H | |
| 054 | HIFI LOA 6D D . 2* | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHLOU | 44 | 111200 P014 | 003 | 3H 3H 3H | |
| 065 | HIFI LOA 6D D . 2RTN* | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | | HHLOU | 44 | 111200 P014 | 036 | 3H 3H 3H | |
| 077 | HIFI LOA 6D D . SHD16 | | HLD.- | - | H631 | TS6CM-22 | 16 | 631-2 | CS-631-2 | HHLOU | 44 | 111200 P014 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 063 | HIFI LOA 6D G . 1 | | HLG.- | - | H632 | TS2CM-28 | 25 | 632-1 | | HHLOU | 44 | 111200 P014 | 004 | 3H 3H 3H | |
| 062 | HIFI LOA 6D G . 1RTN | | HLG.- | - | H632 | TS2CM-28 | 25 | 632-1 | | HHLOU | 44 | 111200 P014 | 020 | 3H 3H 3H | |
| 073 | HIFI LOA 6D G . SHD25 | | HLG.- | - | H632 | TS2CM-28 | 25 | 632-1 | CS-632-1 | HHLOU | 44 | 111200 P014 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 051 | HIFI LOA 6D G . 2 | | HLG.- | - | H632 | TS2CM-28 | 26 | 632-2 | | HHLOU | 44 | 111200 P014 | 021 | 3H 3H 3H | |
| 052 | HIFI LOA 6D G . 2RTN | | HLG.- | - | H632 | TS2CM-28 | 26 | 632-2 | | HHLOU | 44 | 111200 P014 | 037 | 3H 3H 3H | |
| 073 | HIFI LOA 6D G . SHD26 | | HLG.- | - | H632 | TS2CM-28 | 26 | 632-2 | CS-632-2 | HHLOU | 44 | 111200 P014 | 041 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 311300 J005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | 3H |
| 037 | HIFI LOA 6D . D1S | | HLX.- | - | H633 | TP4SS-38 | 35 | | 1 | | HHLOU | 44 | 111200 P014 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 6D . D1SRT | | HLX.- | - | H633 | TP4SS-38 | 35 | | 1 | | HHLOU | 44 | 111200 P014 | 039 | 3H 3H 3H |
| 038 | HIFI LOA 6D . D2S | | HLX.- | - | H633 | TP4SS-38 | 35 | | 2 | | HHLOU | 44 | 111200 P014 | 007 | 3H 3H 3H |
| 026 | HIFI LOA 6D . D2SRT | | HLX.- | - | H633 | TP4SS-38 | 35 | | 2 | | HHLOU | 44 | 111200 P014 | 040 | 3H 3H 3H |
| 016 | HIFI LOA 6D . G1S | | HLX.- | - | H633 | TP4SS-38 | 35 | | 3 | | HHLOU | 44 | 111200 P014 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 6D . G1SRT | | HLX.- | - | H633 | TP4SS-38 | 35 | | 3 | | HHLOU | 44 | 111200 P014 | 038 | 3H 3H 3H |
| 015 | HIFI LOA 6D . G2S | | HLX.- | - | H633 | TP4SS-38 | 35 | | 4 | | HHLOU | 44 | 111200 P014 | 006 | 3H 3H 3H |
| 008 | HIFI LOA 6D . G2SRT | | HLX.- | - | H633 | TP4SS-38 | 35 | | 4 | | HHLOU | 44 | 111200 P014 | 022 | 3H 3H 3H |
| 025 | HIFI LOA 6D . SHD35 | | HLX.- | - | H633 | TP4SS-38 | 35 | | | CS-H633 | HHLOU | 44 | 111200 P014 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 6D T . VP | | HLT.- | - | H634 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P014 | 008 | 3H 3H 3H |
| 017 | HIFI LOA 6D T . VN | | HLT.- | - | H634 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P014 | 009 | 3H 3H 3H |
| 001 | HIFI LOA 6D T . IP | | HLT.- | - | H634 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P014 | 024 | 3H 3H 3H |
| 002 | HIFI LOA 6D T . IN | | HLT.- | - | H634 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P014 | 025 | 3H 3H 3H |
| 003 | HIFI LOA 6D T . SHD45 | | HLT.- | - | H634 | 041SS-38 | 45 | | | CS-H634 | HHLOU | 44 | 111200 P014 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 029 | HIFI LOA 6D P . L | | HLP.- | - | H635 | TS2CM-28 | 55 | | | | HHLOU | 44 | 111200 P014 | 010 | 3H 3H 3H |
| 030 | HIFI LOA 6D P . LRTN | | HLP.- | - | H635 | TS2CM-28 | 55 | | | | HHLOU | 44 | 111200 P014 | 026 | 3H 3H 3H |
| 041 | HIFI LOA 6D P . SHD55 | | HLP.- | - | H635 | TS2CM-28 | 55 | | | CS-H635 | HHLOU | 44 | 111200 P014 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 058 | HIFI LOA 6D MS . 1 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 1 | TP4SS-38 | HHLOU | 44 | 111200 P014 | 030 | 3H 3H 3H |
| 057 | HIFI LOA 6D MS . 1RTN | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 1 | TP4SS-38 | HHLOU | 44 | 111200 P014 | 047 | 3H 3H 3H |
| 046 | HIFI LOA 6D MS . 2 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 2 | TP4SS-38 | HHLOU | 44 | 111200 P014 | 013 | 3H 3H 3H |
| 047 | HIFI LOA 6D MS . 2RTN | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 2 | TP4SS-38 | HHLOU | 44 | 111200 P014 | 046 | 3H 3H 3H |
| 034 | HIFI LOA 6D MS . 3 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 3 | TP4SS-38 | HHLOU | 44 | 111200 P014 | 012 | 3H 3H 3H |
| 033 | HIFI LOA 6D MS . 3RTN | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 3 | TP4SS-38 | HHLOU | 44 | 111200 P014 | 029 | 3H 3H 3H |
| 035 | HIFI LOA 6D MS . 4 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 4 | TP4SS-38 | HHLOU | 44 | 111200 P014 | 028 | 3H 3H 3H |
| 024 | HIFI LOA 6D MS . 4RTN | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | 4 | TP4SS-38 | HHLOU | 44 | 111200 P014 | 045 | 3H 3H 3H |
| 069 | HIFI LOA 6D MS . SHD80 | | HL3.- | - | H636 | X11SS-38 | 80 | 636-0 | | CS-636-0 | HHLOU | 44 | 111200 P014 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 6D MS . 5 | | HL3.- | - | H636 | X11SS-38 | 85 | 636-5 | 5 | 021SS-38 | HHLOU | 44 | 111200 P014 | 011 | 3H 3H 3H |
| 014 | HIFI LOA 6D MS . 5RTN | | HL3.- | - | H636 | X11SS-38 | 85 | 636-5 | 5 | 021SS-38 | HHLOU | 44 | 111200 P014 | 044 | 3H 3H 3H |
| 069 | HIFI LOA 6D MS . SHD85 | | HL3.- | - | H636 | X11SS-38 | 85 | 636-5 | | CS-H636 | HHLOU | 44 | 111200 P014 | 027 | 3H 3H 3H |

Pin Allocation List (Harness)

Connector: 311300 J005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | R |
| 022 | HIFI LOA 6D M . 1 | | HL7.- | - | H637 | 021BS-38 | 91 | 637-1 | | | HHLOU | 44 | 111200 P014 | 014 | 3H 3H 3H |
| 032 | HIFI LOA 6D M . 1RTN | | HL7.- | - | H637 | 021BS-38 | 91 | 637-1 | | | HHLOU | 44 | 111200 P014 | 031 | 3H 3H 3H |
| 004 | HIFI LOA 6D M . SHD91 | | HL7.- | - | H637 | 021BS-38 | 91 | 637-1 | CS-637-1 | | HHLOU | 44 | 111200 P014 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 021 | HIFI LOA 6D M . 2 | | HL7.- | - | H637 | 021BS-38 | 92 | 637-2 | | | HHLOU | 44 | 111200 P014 | 015 | 3H 3H 3H |
| 013 | HIFI LOA 6D M . 2RTN | | HL7.- | - | H637 | 021BS-38 | 92 | 637-2 | | | HHLOU | 44 | 111200 P014 | 048 | 3H 3H 3H |
| 004 | HIFI LOA 6D M . SHD92 | | HL7.- | - | H637 | 021BS-38 | 92 | 637-2 | CS-637-2 | | HHLOU | 44 | 111200 P014 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 6D M . 3 | | HL7.- | - | H637 | 021BS-38 | 93 | 637-3 | | | HHLOU | 44 | 111200 P014 | 016 | 3H 3H 3H |
| 007 | HIFI LOA 6D M . 3RTN | | HL7.- | - | H637 | 021BS-38 | 93 | 637-3 | | | HHLOU | 44 | 111200 P014 | 032 | 3H 3H 3H |
| 004 | HIFI LOA 6D M . SHD93 | | HL7.- | - | H637 | 021BS-38 | 93 | 637-3 | CS-637-3 | | HHLOU | 44 | 111200 P014 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 6D M . 4 | | HL7.- | - | H637 | 021BS-38 | 94 | 637-4 | | | HHLOU | 44 | 111200 P014 | 033 | 3H 3H 3H |
| 005 | HIFI LOA 6D M . 4RTN | | HL7.- | - | H637 | 021BS-38 | 94 | 637-4 | | | HHLOU | 44 | 111200 P014 | 049 | 3H 3H 3H |
| 004 | HIFI LOA 6D M . SHD94 | | HL7.- | - | H637 | 021BS-38 | 94 | 637-4 | CS-637-4 | | HHLOU | 44 | 111200 P014 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 020 | HIFI LOA 6D M . 5 | | HL7.- | - | H637 | 021BS-38 | 95 | 637-5 | | | HHLOU | 44 | 111200 P014 | 017 | 3H 3H 3H |
| 011 | HIFI LOA 6D M . 5RTN | | HL7.- | - | H637 | 021BS-38 | 95 | 637-5 | | | HHLOU | 44 | 111200 P014 | 050 | 3H 3H 3H |
| 004 | HIFI LOA 6D M . SHD95 | | HL7.- | - | H637 | 021BS-38 | 95 | 637-5 | CS-637-5 | | HHLOU | 44 | 111200 P014 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 3H |
| - | | | | | | | | | | | | | | | R |
| - | 14 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;010 ;018 ;019 ;036 ;048 ;050 ;059 ;060 ;061 ;071 ;072 ;082 ;102 ;112 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 248 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P002
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-10

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 1B D . 1A | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 J006 | 078 | 3H 3H 3H | |
| 034 | HIFI LOA 1B D . 1RTNA | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 J006 | 100 | 3H 3H 3H | |
| 001 | HIFI LOA 1B D . 1B | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 J006 | 089 | 3H 3H 3H | |
| 034 | HIFI LOA 1B D . 1RTNB | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 J006 | 101 | 3H 3H 3H | |
| 018 | HIFI LOA 1B D . 1* | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 J006 | 090 | 3H 3H 3H | |
| 035 | HIFI LOA 1B D . 1RTN* | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 J006 | 079 | 3H 3H 3H | |
| 041 | HIFI LOA 1B D . SHD81 | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | CS-108-1 | HHSVMCB2 | 26 | 311200 J006 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 1B D . 2A | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 J006 | 055 | 3H 3H 3H | |
| 019 | HIFI LOA 1B D . 2RTNA | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 J006 | 044 | 3H 3H 3H | |
| 002 | HIFI LOA 1B D . 2B | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 J006 | 056 | 3H 3H 3H | |
| 019 | HIFI LOA 1B D . 2RTNB | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 J006 | 045 | 3H 3H 3H | |
| 003 | HIFI LOA 1B D . 2* | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 J006 | 067 | 3H 3H 3H | |
| 036 | HIFI LOA 1B D . 2RTN* | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 J006 | 066 | 3H 3H 3H | |
| 041 | HIFI LOA 1B D . SHD82 | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | CS-108-2 | HHSVMCB2 | 26 | 311200 J006 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 1B G . 1 | | HLG.- | - | H109 | TS2CM-28 | 91 | 109-1 | | HHSVMCB2 | 26 | 311200 J006 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 1B G . 1RTN | | HLG.- | - | H109 | TS2CM-28 | 91 | 109-1 | | HHSVMCB2 | 26 | 311200 J006 | 098 | 3H 3H 3H | |
| 042 | HIFI LOA 1B G . SHD91 | | HLG.- | - | H109 | TS2CM-28 | 91 | 109-1 | CS-109-1 | HHSVMCB2 | 26 | 311200 J006 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 1B G . 2 | | HLG.- | - | H109 | TS2CM-28 | 92 | 109-2 | | HHSVMCB2 | 26 | 311200 J006 | 086 | 3H 3H 3H | |
| 037 | HIFI LOA 1B G . 2RTN | | HLG.- | - | H109 | TS2CM-28 | 92 | 109-2 | | HHSVMCB2 | 26 | 311200 J006 | 085 | 3H 3H 3H | |
| 042 | HIFI LOA 1B G . SHD92 | | HLG.- | - | H109 | TS2CM-28 | 92 | 109-2 | CS-109-2 | HHSVMCB2 | 26 | 311200 J006 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 1B . D1S | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHSVMCB2 | 26 | 311200 J006 | 118 | 3H 3H 3H | |
| 039 | HIFI LOA 1B . D1SRT | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHSVMCB2 | 26 | 311200 J006 | 126 | 3H 3H 3H | |
| 007 | HIFI LOA 1B . D2S | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHSVMCB2 | 26 | 311200 J006 | 119 | 3H 3H 3H | |
| 040 | HIFI LOA 1B . D2SRT | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHSVMCB2 | 26 | 311200 J006 | 110 | 3H 3H 3H | |
| 005 | HIFI LOA 1B . G1S | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHSVMCB2 | 26 | 311200 J006 | 127 | 3H 3H 3H | |
| 038 | HIFI LOA 1B . G1SRT | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHSVMCB2 | 26 | 311200 J006 | 128 | 3H 3H 3H | |
| 006 | HIFI LOA 1B . G2S | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHSVMCB2 | 26 | 311200 J006 | 111 | 3H 3H 3H | |
| 022 | HIFI LOA 1B . G2SRT | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHSVMCB2 | 26 | 311200 J006 | 120 | 3H 3H 3H | |
| 043 | HIFI LOA 1B . SHD05 | | HLX.- | - | H110 | TP4SS-38 | 5 | | CS-H110 | HHSVMCB2 | 26 | 311200 J006 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111200 P002
Item: HHLOU
Function / Bundle: HIFI LOU SIH-XH-10
Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|--|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 1B T . VP | | HLT.- | - | H111 | 041SS-38 | 10 | | | | HHSVMCB2 | 26 | 311200 J006 | 092 | 3H 3H 3H |
| 009 | HIFI LOA 1B T . VN | | HLT.- | - | H111 | 041SS-38 | 10 | | | | HHSVMCB2 | 26 | 311200 J006 | 104 | 3H 3H 3H |
| 024 | HIFI LOA 1B T . IP | | HLT.- | - | H111 | 041SS-38 | 10 | | | | HHSVMCB2 | 26 | 311200 J006 | 093 | 3H 3H 3H |
| 025 | HIFI LOA 1B T . IN | | HLT.- | - | H111 | 041SS-38 | 10 | | | | HHSVMCB2 | 26 | 311200 J006 | 081 | 3H 3H 3H |
| 027 | HIFI LOA 1B T . SHD10 | | HLT.- | - | H111 | 041SS-38 | 10 | | | CS-H111 | HHSVMCB2 | 26 | 311200 J006 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 1B P . L | | HLP.- | - | H112 | TS2CM-28 | 20 | | | | HHSVMCB2 | 26 | 311200 J006 | 039 | 3H 3H 3H |
| 026 | HIFI LOA 1B P . LRTN | | HLP.- | - | H112 | TS2CM-28 | 20 | | | | HHSVMCB2 | 26 | 311200 J006 | 040 | 3H 3H 3H |
| 044 | HIFI LOA 1B P . SHD20 | | HLP.- | - | H112 | TS2CM-28 | 20 | | | CS-H112 | HHSVMCB2 | 26 | 311200 J006 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 1B MS . 1 | | HL1.- | - | H113 | TP2SS-38 | 30 | | 1 | | HHSVMCB2 | 26 | 311200 J006 | 117 | 3H 3H 3H |
| 047 | HIFI LOA 1B MS . 1RTN | | HL1.- | - | H113 | TP2SS-38 | 30 | | 1 | | HHSVMCB2 | 26 | 311200 J006 | 124 | 3H 3H 3H |
| 013 | HIFI LOA 1B MS . 2 | | HL1.- | - | H113 | TP2SS-38 | 30 | | 2 | | HHSVMCB2 | 26 | 311200 J006 | 123 | 3H 3H 3H |
| 046 | HIFI LOA 1B MS . 2RTN | | HL1.- | - | H113 | TP2SS-38 | 30 | | 2 | | HHSVMCB2 | 26 | 311200 J006 | 116 | 3H 3H 3H |
| 028 | HIFI LOA 1B MS . SHD30 | | HL1.- | - | H113 | TP2SS-38 | 30 | | | CS-H113 | HHSVMCB2 | 26 | 311200 J006 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 1B M . 1 | | HL5.- | - | H114 | 021BS-38 | 41 | 114-1 | | | HHSVMCB2 | 26 | 311200 J006 | 112 | 3H 3H 3H |
| 049 | HIFI LOA 1B M . 1RTN | | HL5.- | - | H114 | 021BS-38 | 41 | 114-1 | | | HHSVMCB2 | 26 | 311200 J006 | 121 | 3H 3H 3H |
| 031 | HIFI LOA 1B M . SHD41 | | HL5.- | - | H114 | 021BS-38 | 41 | 114-1 | | CS-114-1 | HHSVMCB2 | 26 | 311200 J006 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 1B M . 2 | | HL5.- | - | H114 | 021BS-38 | 42 | 114-2 | | | HHSVMCB2 | 26 | 311200 J006 | 113 | 3H 3H 3H |
| 050 | HIFI LOA 1B M . 2RTN | | HL5.- | - | H114 | 021BS-38 | 42 | 114-2 | | | HHSVMCB2 | 26 | 311200 J006 | 102 | 3H 3H 3H |
| 031 | HIFI LOA 1B M . SHD42 | | HL5.- | - | H114 | 021BS-38 | 42 | 114-2 | | CS-114-2 | HHSVMCB2 | 26 | 311200 J006 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | |
| - | 9 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;012 ;015 ;029 ;030 ;032 ;033 ;045 ;048 | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111200 P004
Item: HHLOU
Function / Bundle: HIFI LOU SIH-XH-10
Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 2B D . 1A | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHSVMCB2 | 26 | 311200 J006 | 064 | 3H 3H 3H |
| 034 | HIFI LOA 2B D . 1RTNA | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHSVMCB2 | 26 | 311200 J006 | 075 | 3H 3H 3H |
| 001 | HIFI LOA 2B D . 1B | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHSVMCB2 | 26 | 311200 J006 | 087 | 3H 3H 3H |
| 034 | HIFI LOA 2B D . 1RTNB | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHSVMCB2 | 26 | 311200 J006 | 076 | 3H 3H 3H |
| 018 | HIFI LOA 2B D . 1* | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHSVMCB2 | 26 | 311200 J006 | 088 | 3H 3H 3H |
| 035 | HIFI LOA 2B D . 1RTN* | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHSVMCB2 | 26 | 311200 J006 | 099 | 3H 3H 3H |
| 041 | HIFI LOA 2B D . SHD85 | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | CS-208-1 | | HHSVMCB2 | 26 | 311200 J006 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 2B D . 2A | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHSVMCB2 | 26 | 311200 J006 | 031 | 3H 3H 3H |
| 019 | HIFI LOA 2B D . 2RTNA | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHSVMCB2 | 26 | 311200 J006 | 042 | 3H 3H 3H |
| 002 | HIFI LOA 2B D . 2B | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHSVMCB2 | 26 | 311200 J006 | 053 | 3H 3H 3H |
| 003 | HIFI LOA 2B D . 2* | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHSVMCB2 | 26 | 311200 J006 | 054 | 3H 3H 3H |
| 019 | HIFI LOA 2B D . 2RTNB | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHSVMCB2 | 26 | 311200 J006 | 043 | 3H 3H 3H |
| 036 | HIFI LOA 2B D . 2RTN* | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHSVMCB2 | 26 | 311200 J006 | 065 | 3H 3H 3H |
| 041 | HIFI LOA 2B D . SHD86 | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | CS-208-2 | | HHSVMCB2 | 26 | 311200 J006 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 2B G . 1 | | HLG.- | - | H209 | TS2CM-28 | 95 | 209-1 | | | HHSVMCB2 | 26 | 311200 J006 | 063 | 3H 3H 3H |
| 020 | HIFI LOA 2B G . 1RTN | | HLG.- | - | H209 | TS2CM-28 | 95 | 209-1 | | | HHSVMCB2 | 26 | 311200 J006 | 062 | 3H 3H 3H |
| 042 | HIFI LOA 2B G . SHD95 | | HLG.- | - | H209 | TS2CM-28 | 95 | 209-1 | CS-209-1 | | HHSVMCB2 | 26 | 311200 J006 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 021 | HIFI LOA 2B G . 2 | | HLG.- | - | H209 | TS2CM-28 | 96 | 209-2 | | | HHSVMCB2 | 26 | 311200 J006 | 051 | 3H 3H 3H |
| 037 | HIFI LOA 2B G . 2RTN | | HLG.- | - | H209 | TS2CM-28 | 96 | 209-2 | | | HHSVMCB2 | 26 | 311200 J006 | 052 | 3H 3H 3H |
| 042 | HIFI LOA 2B G . SHD96 | | HLG.- | - | H209 | TS2CM-28 | 96 | 209-2 | CS-209-2 | | HHSVMCB2 | 26 | 311200 J006 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 2B . D1S | | HLX.- | - | H210 | TP4SS-38 | 50 | 1 | | | HHSVMCB2 | 26 | 311200 J006 | 037 | 3H 3H 3H |
| 039 | HIFI LOA 2B . D1SRT | | HLX.- | - | H210 | TP4SS-38 | 50 | 1 | | | HHSVMCB2 | 26 | 311200 J006 | 049 | 3H 3H 3H |
| 007 | HIFI LOA 2B . D2S | | HLX.- | - | H210 | TP4SS-38 | 50 | 2 | | | HHSVMCB2 | 26 | 311200 J006 | 038 | 3H 3H 3H |
| 040 | HIFI LOA 2B . D2SRT | | HLX.- | - | H210 | TP4SS-38 | 50 | 2 | | | HHSVMCB2 | 26 | 311200 J006 | 026 | 3H 3H 3H |
| 005 | HIFI LOA 2B . G1S | | HLX.- | - | H210 | TP4SS-38 | 50 | 3 | | | HHSVMCB2 | 26 | 311200 J006 | 016 | 3H 3H 3H |
| 038 | HIFI LOA 2B . G1SRT | | HLX.- | - | H210 | TP4SS-38 | 50 | 3 | | | HHSVMCB2 | 26 | 311200 J006 | 027 | 3H 3H 3H |
| 006 | HIFI LOA 2B . G2S | | HLX.- | - | H210 | TP4SS-38 | 50 | 4 | | | HHSVMCB2 | 26 | 311200 J006 | 015 | 3H 3H 3H |
| 022 | HIFI LOA 2B . G2SRT | | HLX.- | - | H210 | TP4SS-38 | 50 | 4 | | | HHSVMCB2 | 26 | 311200 J006 | 008 | 3H 3H 3H |
| 043 | HIFI LOA 2B . SHD50 | | HLX.- | - | H210 | TP4SS-38 | 50 | | CS-H210 | | HHSVMCB2 | 26 | 311200 J006 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P004
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-10

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 2B T . VP | | HLT.- | - | H211 | 041SS-38 | 15 | | | | HHSVMCB2 | 26 | 311200 J006 | 009 | 3H 3H 3H |
| 009 | HIFI LOA 2B T . VN | | HLT.- | - | H211 | 041SS-38 | 15 | | | | HHSVMCB2 | 26 | 311200 J006 | 017 | 3H 3H 3H |
| 024 | HIFI LOA 2B T . IP | | HLT.- | - | H211 | 041SS-38 | 15 | | | | HHSVMCB2 | 26 | 311200 J006 | 001 | 3H 3H 3H |
| 025 | HIFI LOA 2B T . IN | | HLT.- | - | H211 | 041SS-38 | 15 | | | | HHSVMCB2 | 26 | 311200 J006 | 002 | 3H 3H 3H |
| 027 | HIFI LOA 2B T . SHD15 | | HLT.- | - | H211 | 041SS-38 | 15 | | | CS-H211 | HHSVMCB2 | 26 | 311200 J006 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 2B P . L | | HLP.- | - | H212 | TS2CM-28 | 21 | | | | HHSVMCB2 | 26 | 311200 J006 | | 3H 3H |
| 026 | HIFI LOA 2B P . LRTN | | HLP.- | - | H212 | TS2CM-28 | 21 | | | | HHSVMCB2 | 26 | 311200 J006 | | 3H 3H |
| 044 | HIFI LOA 2B P . SHD21 | | HLP.- | - | H212 | TS2CM-28 | 21 | | | CS-H212 | HHSVMCB2 | 26 | 311200 J006 | | 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 2B MS . 1 | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J006 | 058 | 3H 3H 3H |
| 047 | HIFI LOA 2B MS . 1RTN | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J006 | 057 | 3H 3H 3H |
| 013 | HIFI LOA 2B MS . 2 | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J006 | 046 | 3H 3H 3H |
| 046 | HIFI LOA 2B MS . 2RTN | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J006 | 047 | 3H 3H 3H |
| 028 | HIFI LOA 2B MS . SHD35 | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | | CS-213-0 | HHSVMCB2 | 26 | 311200 J006 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 2B MS . 3 | | HL2.- | - | H213 | X10SS-38 | 38 | 213-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J006 | 034 | 3H 3H 3H |
| 045 | HIFI LOA 2B MS . 3RTN | | HL2.- | - | H213 | X10SS-38 | 38 | 213-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J006 | 035 | 3H 3H 3H |
| 028 | HIFI LOA 2B MS . SHD38 | | HL2.- | - | H213 | X10SS-38 | 38 | 213-3 | | CS-213-3 | HHSVMCB2 | 26 | 311200 J006 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 2B M . 1 | | HL6.- | - | H214 | 021BS-38 | 45 | 214-1 | | | HHSVMCB2 | 26 | 311200 J006 | 032 | 3H 3H 3H |
| 048 | HIFI LOA 2B M . 1RTN | | HL6.- | - | H214 | 021BS-38 | 45 | 214-1 | | | HHSVMCB2 | 26 | 311200 J006 | 033 | 3H 3H 3H |
| 031 | HIFI LOA 2B M . SHD45 | | HL6.- | - | H214 | 021BS-38 | 45 | 214-1 | | CS-214-1 | HHSVMCB2 | 26 | 311200 J006 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 2B M . 2 | | HL6.- | - | H214 | 021BS-38 | 46 | 214-2 | | | HHSVMCB2 | 26 | 311200 J006 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 2B M . 2RTN | | HL6.- | - | H214 | 021BS-38 | 46 | 214-2 | | | HHSVMCB2 | 26 | 311200 J006 | 022 | 3H 3H 3H |
| 031 | HIFI LOA 2B M . SHD46 | | HL6.- | - | H214 | 021BS-38 | 46 | 214-2 | | CS-214-2 | HHSVMCB2 | 26 | 311200 J006 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 2B M . 3 | | HL6.- | - | H214 | 021BS-38 | 47 | 214-3 | | | HHSVMCB2 | 26 | 311200 J006 | 014 | 3H 3H 3H |
| 050 | HIFI LOA 2B M . 3RTN | | HL6.- | - | H214 | 021BS-38 | 47 | 214-3 | | | HHSVMCB2 | 26 | 311200 J006 | 007 | 3H 3H 3H |
| 031 | HIFI LOA 2B M . SHD47 | | HL6.- | - | H214 | 021BS-38 | 47 | 214-3 | | CS-214-3 | HHSVMCB2 | 26 | 311200 J006 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 253 (of 474)

Connector: 111200 P004
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-10

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|-----------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | 5 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;029 ;030 ;032 ;033 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 254 (of 474)

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Pin Allocation List

(Harness)

Connector: 311200 J006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 1B D . 1A | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHLOU | 44 | 111200 P002 | 001 | 3H 3H 3H | |
| 100 | HIFI LOA 1B D . 1RTNA | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHLOU | 44 | 111200 P002 | 034 | 3H 3H 3H | |
| 089 | HIFI LOA 1B D . 1B | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHLOU | 44 | 111200 P002 | 001 | 3H 3H 3H | |
| 101 | HIFI LOA 1B D . 1RTNB | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHLOU | 44 | 111200 P002 | 034 | 3H 3H 3H | |
| 090 | HIFI LOA 1B D . 1* | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHLOU | 44 | 111200 P002 | 018 | 3H 3H 3H | |
| 079 | HIFI LOA 1B D . 1RTN* | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | | HHLOU | 44 | 111200 P002 | 035 | 3H 3H 3H | |
| 068 | HIFI LOA 1B D . SHD81 | | HLD.- | - | H108 | TS6CM-22 | 81 | 108-1 | CS-108-1 | HHLOU | 44 | 111200 P002 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 055 | HIFI LOA 1B D . 2A | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHLOU | 44 | 111200 P002 | 002 | 3H 3H 3H | |
| 056 | HIFI LOA 1B D . 2B | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHLOU | 44 | 111200 P002 | 002 | 3H 3H 3H | |
| 067 | HIFI LOA 1B D . 2* | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHLOU | 44 | 111200 P002 | 003 | 3H 3H 3H | |
| 044 | HIFI LOA 1B D . 2RTNA | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHLOU | 44 | 111200 P002 | 019 | 3H 3H 3H | |
| 045 | HIFI LOA 1B D . 2RTNB | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHLOU | 44 | 111200 P002 | 019 | 3H 3H 3H | |
| 066 | HIFI LOA 1B D . 2RTN* | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | | HHLOU | 44 | 111200 P002 | 036 | 3H 3H 3H | |
| 068 | HIFI LOA 1B D . SHD82 | | HLD.- | - | H108 | TS6CM-22 | 82 | 108-2 | CS-108-2 | HHLOU | 44 | 111200 P002 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 097 | HIFI LOA 1B G . 1 | | HLG.- | - | H109 | TS2CM-28 | 91 | 109-1 | | HHLOU | 44 | 111200 P002 | 004 | 3H 3H 3H | |
| 098 | HIFI LOA 1B G . 1RTN | | HLG.- | - | H109 | TS2CM-28 | 91 | 109-1 | | HHLOU | 44 | 111200 P002 | 020 | 3H 3H 3H | |
| 074 | HIFI LOA 1B G . SHD91 | | HLG.- | - | H109 | TS2CM-28 | 91 | 109-1 | CS-109-1 | HHLOU | 44 | 111200 P002 | 042 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 086 | HIFI LOA 1B G . 2 | | HLG.- | - | H109 | TS2CM-28 | 92 | 109-2 | | HHLOU | 44 | 111200 P002 | 021 | 3H 3H 3H | |
| 085 | HIFI LOA 1B G . 2RTN | | HLG.- | - | H109 | TS2CM-28 | 92 | 109-2 | | HHLOU | 44 | 111200 P002 | 037 | 3H 3H 3H | |
| 074 | HIFI LOA 1B G . SHD92 | | HLG.- | - | H109 | TS2CM-28 | 92 | 109-2 | CS-109-2 | HHLOU | 44 | 111200 P002 | 042 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 118 | HIFI LOA 1B . D1S | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHLOU | 44 | 111200 P002 | 023 | 3H 3H 3H | |
| 126 | HIFI LOA 1B . D1SRT | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHLOU | 44 | 111200 P002 | 039 | 3H 3H 3H | |
| 119 | HIFI LOA 1B . D2S | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHLOU | 44 | 111200 P002 | 007 | 3H 3H 3H | |
| 110 | HIFI LOA 1B . D2SRT | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHLOU | 44 | 111200 P002 | 040 | 3H 3H 3H | |
| 127 | HIFI LOA 1B . G1S | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHLOU | 44 | 111200 P002 | 005 | 3H 3H 3H | |
| 128 | HIFI LOA 1B . G1SRT | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHLOU | 44 | 111200 P002 | 038 | 3H 3H 3H | |
| 111 | HIFI LOA 1B . G2S | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHLOU | 44 | 111200 P002 | 006 | 3H 3H 3H | |
| 120 | HIFI LOA 1B . G2SRT | | HLX.- | - | H110 | TP4SS-38 | 5 | | | HHLOU | 44 | 111200 P002 | 022 | 3H 3H 3H | |
| 109 | HIFI LOA 1B . SHD05 | | HLX.- | - | H110 | TP4SS-38 | 5 | | CS-H110 | HHLOU | 44 | 111200 P002 | 043 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Pin Allocation List

(Harness)

Connector: 311200 J006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 092 | HIFI LOA 1B T . VP | | HLT.- | - | H111 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P002 | 008 | 3H 3H 3H |
| 104 | HIFI LOA 1B T . VN | | HLT.- | - | H111 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P002 | 009 | 3H 3H 3H |
| 093 | HIFI LOA 1B T . IP | | HLT.- | - | H111 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P002 | 024 | 3H 3H 3H |
| 081 | HIFI LOA 1B T . IN | | HLT.- | - | H111 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P002 | 025 | 3H 3H 3H |
| 070 | HIFI LOA 1B T . SHD10 | | HLT.- | - | H111 | 041SS-38 | 10 | | | CS-H111 | HHLOU | 44 | 111200 P002 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 039 | HIFI LOA 1B P . L | | HLP.- | - | H112 | TS2CM-28 | 20 | | | | HHLOU | 44 | 111200 P002 | 010 | 3H 3H 3H |
| 040 | HIFI LOA 1B P . LRTN | | HLP.- | - | H112 | TS2CM-28 | 20 | | | | HHLOU | 44 | 111200 P002 | 026 | 3H 3H 3H |
| 028 | HIFI LOA 1B P . SHD20 | | HLP.- | - | H112 | TS2CM-28 | 20 | | | CS-H112 | HHLOU | 44 | 111200 P002 | 044 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 117 | HIFI LOA 1B MS . 1 | | HL1.- | - | H113 | TP2SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P002 | 014 | 3H 3H 3H |
| 124 | HIFI LOA 1B MS . 1RTN | | HL1.- | - | H113 | TP2SS-38 | 30 | | 1 | | HHLOU | 44 | 111200 P002 | 047 | 3H 3H 3H |
| 123 | HIFI LOA 1B MS . 2 | | HL1.- | - | H113 | TP2SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P002 | 013 | 3H 3H 3H |
| 116 | HIFI LOA 1B MS . 2RTN | | HL1.- | - | H113 | TP2SS-38 | 30 | | 2 | | HHLOU | 44 | 111200 P002 | 046 | 3H 3H 3H |
| 125 | HIFI LOA 1B MS . SHD30 | | HL1.- | - | H113 | TP2SS-38 | 30 | | | CS-H113 | HHLOU | 44 | 111200 P002 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 1B M . 1 | | HL5.- | - | H114 | 021BS-38 | 41 | 114-1 | | | HHLOU | 44 | 111200 P002 | 016 | 3H 3H 3H |
| 121 | HIFI LOA 1B M . 1RTN | | HL5.- | - | H114 | 021BS-38 | 41 | 114-1 | | | HHLOU | 44 | 111200 P002 | 049 | 3H 3H 3H |
| 091 | HIFI LOA 1B M . SHD41 | | HL5.- | - | H114 | 021BS-38 | 41 | 114-1 | | CS-114-1 | HHLOU | 44 | 111200 P002 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 1B M . 2 | | HL5.- | - | H114 | 021BS-38 | 42 | 114-2 | | | HHLOU | 44 | 111200 P002 | 017 | 3H 3H 3H |
| 102 | HIFI LOA 1B M . 2RTN | | HL5.- | - | H114 | 021BS-38 | 42 | 114-2 | | | HHLOU | 44 | 111200 P002 | 050 | 3H 3H 3H |
| 091 | HIFI LOA 1B M . SHD42 | | HL5.- | - | H114 | 021BS-38 | 42 | 114-2 | | CS-114-2 | HHLOU | 44 | 111200 P002 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 2B D . 1A | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHLOU | 44 | 111200 P004 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 2B D . 1RTNA | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHLOU | 44 | 111200 P004 | 034 | 3H 3H 3H |
| 087 | HIFI LOA 2B D . 1B | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHLOU | 44 | 111200 P004 | 001 | 3H 3H 3H |
| 076 | HIFI LOA 2B D . 1RTNB | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHLOU | 44 | 111200 P004 | 034 | 3H 3H 3H |
| 088 | HIFI LOA 2B D . 1* | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHLOU | 44 | 111200 P004 | 018 | 3H 3H 3H |
| 099 | HIFI LOA 2B D . 1RTN* | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | | HHLOU | 44 | 111200 P004 | 035 | 3H 3H 3H |
| 077 | HIFI LOA 2B D . SHD85 | | HLD.- | - | H208 | TS6CM-22 | 85 | 208-1 | | CS-208-1 | HHLOU | 44 | 111200 P004 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 031 | HIFI LOA 2B D . 2A | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHLOU | 44 | 111200 P004 | 002 | 3H 3H 3H |
| 042 | HIFI LOA 2B D . 2RTNA | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHLOU | 44 | 111200 P004 | 019 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 J006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 053 | HIFI LOA 2B D . 2B | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHLOU | 44 | 111200 P004 | 002 | 3H 3H 3H |
| 043 | HIFI LOA 2B D . 2RTNB | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHLOU | 44 | 111200 P004 | 019 | 3H 3H 3H |
| 054 | HIFI LOA 2B D . 2* | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHLOU | 44 | 111200 P004 | 003 | 3H 3H 3H |
| 065 | HIFI LOA 2B D . 2RTN* | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | | | HHLOU | 44 | 111200 P004 | 036 | 3H 3H 3H |
| 077 | HIFI LOA 2B D . SHD86 | | HLD.- | - | H208 | TS6CM-22 | 86 | 208-2 | CS-208-2 | | HHLOU | 44 | 111200 P004 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 063 | HIFI LOA 2B G . 1 | | HLG.- | - | H209 | TS2CM-28 | 95 | 209-1 | | | HHLOU | 44 | 111200 P004 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 2B G . 1RTN | | HLG.- | - | H209 | TS2CM-28 | 95 | 209-1 | | | HHLOU | 44 | 111200 P004 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 2B G . SHD95 | | HLG.- | - | H209 | TS2CM-28 | 95 | 209-1 | CS-209-1 | | HHLOU | 44 | 111200 P004 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 2B G . 2 | | HLG.- | - | H209 | TS2CM-28 | 96 | 209-2 | | | HHLOU | 44 | 111200 P004 | 021 | 3H 3H 3H |
| 052 | HIFI LOA 2B G . 2RTN | | HLG.- | - | H209 | TS2CM-28 | 96 | 209-2 | | | HHLOU | 44 | 111200 P004 | 037 | 3H 3H 3H |
| 073 | HIFI LOA 2B G . SHD96 | | HLG.- | - | H209 | TS2CM-28 | 96 | 209-2 | CS-209-2 | | HHLOU | 44 | 111200 P004 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 037 | HIFI LOA 2B . D1S | | HLX.- | - | H210 | TP4SS-38 | 50 | 1 | | | HHLOU | 44 | 111200 P004 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 2B . D1SRT | | HLX.- | - | H210 | TP4SS-38 | 50 | 1 | | | HHLOU | 44 | 111200 P004 | 039 | 3H 3H 3H |
| 038 | HIFI LOA 2B . D2S | | HLX.- | - | H210 | TP4SS-38 | 50 | 2 | | | HHLOU | 44 | 111200 P004 | 007 | 3H 3H 3H |
| 026 | HIFI LOA 2B . D2SRT | | HLX.- | - | H210 | TP4SS-38 | 50 | 2 | | | HHLOU | 44 | 111200 P004 | 040 | 3H 3H 3H |
| 016 | HIFI LOA 2B . G1S | | HLX.- | - | H210 | TP4SS-38 | 50 | 3 | | | HHLOU | 44 | 111200 P004 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 2B . G1SRT | | HLX.- | - | H210 | TP4SS-38 | 50 | 3 | | | HHLOU | 44 | 111200 P004 | 038 | 3H 3H 3H |
| 015 | HIFI LOA 2B . G2S | | HLX.- | - | H210 | TP4SS-38 | 50 | 4 | | | HHLOU | 44 | 111200 P004 | 006 | 3H 3H 3H |
| 008 | HIFI LOA 2B . G2SRT | | HLX.- | - | H210 | TP4SS-38 | 50 | 4 | | | HHLOU | 44 | 111200 P004 | 022 | 3H 3H 3H |
| 025 | HIFI LOA 2B . SHD50 | | HLX.- | - | H210 | TP4SS-38 | 50 | | CS-H210 | | HHLOU | 44 | 111200 P004 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 2B T . VP | | HLT.- | - | H211 | 041SS-38 | 15 | | | | HHLOU | 44 | 111200 P004 | 008 | 3H 3H 3H |
| 017 | HIFI LOA 2B T . VN | | HLT.- | - | H211 | 041SS-38 | 15 | | | | HHLOU | 44 | 111200 P004 | 009 | 3H 3H 3H |
| 001 | HIFI LOA 2B T . IP | | HLT.- | - | H211 | 041SS-38 | 15 | | | | HHLOU | 44 | 111200 P004 | 024 | 3H 3H 3H |
| 002 | HIFI LOA 2B T . IN | | HLT.- | - | H211 | 041SS-38 | 15 | | | | HHLOU | 44 | 111200 P004 | 025 | 3H 3H 3H |
| 003 | HIFI LOA 2B T . SHD15 | | HLT.- | - | H211 | 041SS-38 | 15 | | CS-H211 | | HHLOU | 44 | 111200 P004 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 029 | HIFI LOA 1B P . L | | HLP.- | - | H112 | TS2CM-28 | 21 | | | | HHLOU | 44 | 111200 P002 | 010 | 3H 3H 3H |
| 030 | HIFI LOA 1B P . LRTN | | HLP.- | - | H112 | TS2CM-28 | 21 | | | | HHLOU | 44 | 111200 P002 | 026 | 3H 3H 3H |
| 041 | HIFI LOA 1B P . SHD21 | | HLP.- | - | H112 | TS2CM-28 | 21 | | CS-H212 | | HHLOU | 44 | 111200 P002 | | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311200 J006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|-------------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 058 | HIFI LOA 2B MS . 1 | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P004 | 014 | 3H 3H 3H |
| 057 | HIFI LOA 2B MS . 1RTN | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P004 | 047 | 3H 3H 3H |
| 046 | HIFI LOA 2B MS . 2 | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P004 | 013 | 3H 3H 3H |
| 047 | HIFI LOA 2B MS . 2RTN | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P004 | 046 | 3H 3H 3H |
| 069 | HIFI LOA 2B MS . SHD35 | | HL2.- | - | H213 | X10SS-38 | 35 | 213-0 | | CS-213-0 | HHLOU | 44 | 111200 P004 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 034 | HIFI LOA 2B MS . 3 | | HL2.- | - | H213 | X10SS-38 | 38 | 213-3 | | 021SS-38 | HHLOU | 44 | 111200 P004 | 012 | 3H 3H 3H |
| 035 | HIFI LOA 2B MS . 3RTN | | HL2.- | - | H213 | X10SS-38 | 38 | 213-3 | | 021SS-38 | HHLOU | 44 | 111200 P004 | 045 | 3H 3H 3H |
| 069 | HIFI LOA 2B MS . SHD38 | | HL2.- | - | H213 | X10SS-38 | 38 | 213-3 | | CS-213-3 | HHLOU | 44 | 111200 P004 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 032 | HIFI LOA 2B M . 1 | | HL6.- | - | H214 | 021BS-38 | 45 | 214-1 | | | HHLOU | 44 | 111200 P004 | 015 | 3H 3H 3H |
| 033 | HIFI LOA 2B M . 1RTN | | HL6.- | - | H214 | 021BS-38 | 45 | 214-1 | | | HHLOU | 44 | 111200 P004 | 048 | 3H 3H 3H |
| 006 | HIFI LOA 2B M . SHD45 | | HL6.- | - | H214 | 021BS-38 | 45 | 214-1 | | CS-214-1 | HHLOU | 44 | 111200 P004 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 2B M . 2 | | HL6.- | - | H214 | 021BS-38 | 46 | 214-2 | | | HHLOU | 44 | 111200 P004 | 016 | 3H 3H 3H |
| 022 | HIFI LOA 2B M . 2RTN | | HL6.- | - | H214 | 021BS-38 | 46 | 214-2 | | | HHLOU | 44 | 111200 P004 | 049 | 3H 3H 3H |
| 006 | HIFI LOA 2B M . SHD46 | | HL6.- | - | H214 | 021BS-38 | 46 | 214-2 | | CS-214-2 | HHLOU | 44 | 111200 P004 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 2B M . 3 | | HL6.- | - | H214 | 021BS-38 | 47 | 214-3 | | | HHLOU | 44 | 111200 P004 | 017 | 3H 3H 3H |
| 007 | HIFI LOA 2B M . 3RTN | | HL6.- | - | H214 | 021BS-38 | 47 | 214-3 | | | HHLOU | 44 | 111200 P004 | 050 | 3H 3H 3H |
| 006 | HIFI LOA 2B M . SHD47 | | HL6.- | - | H214 | 021BS-38 | 47 | 214-3 | | CS-214-3 | HHLOU | 44 | 111200 P004 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | | Overall Shieldcon to CH | | | | | R |
| - | | | | | | | | | | | | | | | R |
| - | 34 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | | | | | | | | | | ;004 ;005 ;010 ;011 ;012 ;013 | | | | | |
| | | | | | | | | | | ;018 ;019 ;020 ;021 ;024 ;036 | | | | | |
| | | | | | | | | | | ;048 ;050 ;059 ;060 ;061 ;071 | | | | | |
| | | | | | | | | | | ;072 ;080 ;082 ;083 ;084 ;094 | | | | | |
| | | | | | | | | | | ;095 ;096 ;103 ;105 ;106 ;107 | | | | | |
| | | | | | | | | | | ;108 ;114 ;115 ;122 | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P006
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-11

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 3B D . 1A | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHSVMCB2 | 26 | 311200 J008 | 078 | 3H 1H 3H | |
| 034 | HIFI LOA 3B D . 1RTNA | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHSVMCB2 | 26 | 311200 J008 | 100 | 3H 1H 3H | |
| 001 | HIFI LOA 3B D . 1B | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHSVMCB2 | 26 | 311200 J008 | 089 | 3H 1H 3H | |
| 034 | HIFI LOA 3B D . 1RTNB | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHSVMCB2 | 26 | 311200 J008 | 101 | 3H 1H 3H | |
| 018 | HIFI LOA 3B D . 1* | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHSVMCB2 | 26 | 311200 J008 | 090 | 3H 1H 3H | |
| 035 | HIFI LOA 3B D . 1RTN* | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHSVMCB2 | 26 | 311200 J008 | 079 | 3H 1H 3H | |
| 041 | HIFI LOA 3B D . SHD81 | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | CS-308-1 | HHSVMCB2 | 26 | 311200 J008 | 068 | 3H 1H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 3B D . 2A | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHSVMCB2 | 26 | 311200 J008 | 055 | 3H 1H 3H | |
| 019 | HIFI LOA 3B D . 2RTNA | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHSVMCB2 | 26 | 311200 J008 | 044 | 3H 1H 3H | |
| 002 | HIFI LOA 3B D . 2B | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHSVMCB2 | 26 | 311200 J008 | 056 | 3H 1H 3H | |
| 019 | HIFI LOA 3B D . 2RTNB | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHSVMCB2 | 26 | 311200 J008 | 045 | 3H 1H 3H | |
| 003 | HIFI LOA 3B D . 2* | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHSVMCB2 | 26 | 311200 J008 | 067 | 3H 1H 3H | |
| 036 | HIFI LOA 3B D . 2RTN* | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHSVMCB2 | 26 | 311200 J008 | 066 | 3H 1H 3H | |
| 041 | HIFI LOA 3B D . SHD82 | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | CS-308-2 | HHSVMCB2 | 26 | 311200 J008 | 068 | 3H 1H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 3B G . 1 | | HLG.- | - | H309 | TS2CM-28 | 91 | 309-1 | | HHSVMCB2 | 26 | 311200 J008 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 3B G . 1RTN | | HLG.- | - | H309 | TS2CM-28 | 91 | 309-1 | | HHSVMCB2 | 26 | 311200 J008 | 098 | 3H 3H 3H | |
| 042 | HIFI LOA 3B G . SHD91 | | HLG.- | - | H309 | TS2CM-28 | 91 | 309-1 | CS-309-1 | HHSVMCB2 | 26 | 311200 J008 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 3B G . 2 | | HLG.- | - | H309 | TS2CM-28 | 92 | 309-2 | | HHSVMCB2 | 26 | 311200 J008 | 086 | 3H 3H 3H | |
| 037 | HIFI LOA 3B G . 2RTN | | HLG.- | - | H309 | TS2CM-28 | 92 | 309-2 | | HHSVMCB2 | 26 | 311200 J008 | 085 | 3H 3H 3H | |
| 042 | HIFI LOA 3B G . SHD92 | | HLG.- | - | H309 | TS2CM-28 | 92 | 309-2 | CS-309-2 | HHSVMCB2 | 26 | 311200 J008 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 3B . D1S | | HLX.- | - | H310 | TP4SS-38 | 5 | 1 | | HHSVMCB2 | 26 | 311200 J008 | 118 | 3H 3H 3H | |
| 039 | HIFI LOA 3B . D1SRT | | HLX.- | - | H310 | TP4SS-38 | 5 | 1 | | HHSVMCB2 | 26 | 311200 J008 | 126 | 3H 3H 3H | |
| 007 | HIFI LOA 3B . D2S | | HLX.- | - | H310 | TP4SS-38 | 5 | 2 | | HHSVMCB2 | 26 | 311200 J008 | 119 | 3H 3H 3H | |
| 040 | HIFI LOA 3B . D2SRT | | HLX.- | - | H310 | TP4SS-38 | 5 | 2 | | HHSVMCB2 | 26 | 311200 J008 | 110 | 3H 3H 3H | |
| 005 | HIFI LOA 3B . G1S | | HLX.- | - | H310 | TP4SS-38 | 5 | 3 | | HHSVMCB2 | 26 | 311200 J008 | 127 | 3H 3H 3H | |
| 038 | HIFI LOA 3B . G1SRT | | HLX.- | - | H310 | TP4SS-38 | 5 | 3 | | HHSVMCB2 | 26 | 311200 J008 | 128 | 3H 3H 3H | |
| 006 | HIFI LOA 3B . G2S | | HLX.- | - | H310 | TP4SS-38 | 5 | 4 | | HHSVMCB2 | 26 | 311200 J008 | 111 | 3H 3H 3H | |
| 022 | HIFI LOA 3B . G2SRT | | HLX.- | - | H310 | TP4SS-38 | 5 | 4 | | HHSVMCB2 | 26 | 311200 J008 | 120 | 3H 3H 3H | |
| 043 | HIFI LOA 3B . SHD05 | | HLX.- | - | H310 | TP4SS-38 | 5 | | CS-H310 | HHSVMCB2 | 26 | 311200 J008 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 111200 P006

Function / Bundle: HIFI LOU SIH-XH-11

Conn.-Type: SCC340100201BDDMA50PNMBFO

Item: HHLOU

Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 3B T . VP | | HLT.- | - | H311 | 041SS-38 | 10 | | | | HHSVMCB2 | 26 | 311200 J008 | 092 | 3H 3H 3H |
| 009 | HIFI LOA 3B T . VN | | HLT.- | - | H311 | 041SS-38 | 10 | | | | HHSVMCB2 | 26 | 311200 J008 | 104 | 3H 3H 3H |
| 024 | HIFI LOA 3B T . IP | | HLT.- | - | H311 | 041SS-38 | 10 | | | | HHSVMCB2 | 26 | 311200 J008 | 093 | 3H 3H 3H |
| 025 | HIFI LOA 3B T . IN | | HLT.- | - | H311 | 041SS-38 | 10 | | | | HHSVMCB2 | 26 | 311200 J008 | 081 | 3H 3H 3H |
| 027 | HIFI LOA 3B T . SHD10 | | HLT.- | - | H311 | 041SS-38 | 10 | | | CS-H311 | HHSVMCB2 | 26 | 311200 J008 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 3B P . L | | HLP.- | - | H312 | TS2CM-28 | 20 | | | | HHSVMCB2 | 26 | 311200 J008 | 039 | 3H 3H 3H |
| 026 | HIFI LOA 3B P . LRTN | | HLP.- | - | H312 | TS2CM-28 | 20 | | | | HHSVMCB2 | 26 | 311200 J008 | 040 | 3H 3H 3H |
| 044 | HIFI LOA 3B P . SHD20 | | HLP.- | - | H312 | TS2CM-28 | 20 | | | CS-H312 | HHSVMCB2 | 26 | 311200 J008 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 3B MS . 1 | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J008 | 117 | 3H 3H 3H |
| 047 | HIFI LOA 3B MS . 1RTN | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J008 | 124 | 3H 3H 3H |
| 013 | HIFI LOA 3B MS . 2 | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J008 | 123 | 3H 3H 3H |
| 046 | HIFI LOA 3B MS . 2RTN | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J008 | 116 | 3H 3H 3H |
| 028 | HIFI LOA 3B MS . SHD30 | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | | CS-313-0 | HHSVMCB2 | 26 | 311200 J008 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 3B MS . 3 | | HL2.- | - | H313 | X10SS-38 | 33 | 313-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J008 | 107 | 3H 3H 3H |
| 045 | HIFI LOA 3B MS . 3RTN | | HL2.- | - | H313 | X10SS-38 | 33 | 313-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J008 | 122 | 3H 3H 3H |
| 028 | HIFI LOA 3B MS . SHD33 | | HL2.- | - | H313 | X10SS-38 | 33 | 313-3 | | CS-313-3 | HHSVMCB2 | 26 | 311200 J008 | | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 3B M . 1 | | HL6.- | - | H314 | 021BS-38 | 41 | 314-1 | | | HHSVMCB2 | 26 | 311200 J008 | 112 | 3H 3H 3H |
| 048 | HIFI LOA 3B M . 1RTN | | HL6.- | - | H314 | 021BS-38 | 41 | 314-1 | | | HHSVMCB2 | 26 | 311200 J008 | 121 | 3H 3H 3H |
| 031 | HIFI LOA 3B M . SHD41 | | HL6.- | - | H314 | 021BS-38 | 41 | 314-1 | | CS-314-1 | HHSVMCB2 | 26 | 311200 J008 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 3B M . 2 | | HL6.- | - | H314 | 021BS-38 | 42 | 314-2 | | | HHSVMCB2 | 26 | 311200 J008 | 113 | 3H 3H 3H |
| 049 | HIFI LOA 3B M . 2RTN | | HL6.- | - | H314 | 021BS-38 | 42 | 314-2 | | | HHSVMCB2 | 26 | 311200 J008 | 102 | 3H 3H 3H |
| 031 | HIFI LOA 3B M . SHD42 | | HL6.- | - | H314 | 021BS-38 | 42 | 314-2 | | CS-314-2 | HHSVMCB2 | 26 | 311200 J008 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 3B M . 3 | | HL6.- | - | H314 | 021BS-38 | 43 | 314-3 | | | HHSVMCB2 | 26 | 311200 J008 | 103 | 3H 3H 3H |
| 050 | HIFI LOA 3B M . 3RTN | | HL6.- | - | H314 | 021BS-38 | 43 | 314-3 | | | HHSVMCB2 | 26 | 311200 J008 | 114 | 3H 3H 3H |
| 031 | HIFI LOA 3B M . SHD43 | | HL6.- | - | H314 | 021BS-38 | 43 | 314-3 | | CS-314-3 | HHSVMCB2 | 26 | 311200 J008 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 261 (of 474)

Connector: 111200 P006
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-11

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|-----------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | 5 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;029 ;030 ;032 ;033 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 262 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P008
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-11

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 4B D . 1A | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 J008 | 064 | 3H 3H 3H | |
| 034 | HIFI LOA 4B D . 1RTNA | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 J008 | 075 | 3H 3H 3H | |
| 001 | HIFI LOA 4B D . 1B | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 J008 | 087 | 3H 3H 3H | |
| 034 | HIFI LOA 4B D . 1RTNB | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 J008 | 076 | 3H 3H 3H | |
| 018 | HIFI LOA 4B D . 1* | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 J008 | 088 | 3H 3H 3H | |
| 035 | HIFI LOA 4B D . 1RTN* | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 J008 | 099 | 3H 3H 3H | |
| 041 | HIFI LOA 4B D . SHD85 | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | CS-408-1 | HHSVMCB2 | 26 | 311200 J008 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 4B D . 2A | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 J008 | 031 | 3H 3H 3H | |
| 019 | HIFI LOA 4B D . 2RTNA | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 J008 | 042 | 3H 3H 3H | |
| 002 | HIFI LOA 4B D . 2B | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 J008 | 053 | 3H 3H 3H | |
| 019 | HIFI LOA 4B D . 2RTNB | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 J008 | 043 | 3H 3H 3H | |
| 003 | HIFI LOA 4B D . 2* | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 J008 | 054 | 3H 3H 3H | |
| 036 | HIFI LOA 4B D . 2RTN* | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 J008 | 065 | 3H 3H 3H | |
| 041 | HIFI LOA 4B D . SHD86 | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | CS-408-2 | HHSVMCB2 | 26 | 311200 J008 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 4B G . 1 | | HLG.- | - | H409 | TS2CM-28 | 95 | 409-1 | | HHSVMCB2 | 26 | 311200 J008 | 063 | 3H 3H 3H | |
| 020 | HIFI LOA 4B G . 1RTN | | HLG.- | - | H409 | TS2CM-28 | 95 | 409-1 | | HHSVMCB2 | 26 | 311200 J008 | 062 | 3H 3H 3H | |
| 042 | HIFI LOA 4B G . SHD95 | | HLG.- | - | H409 | TS2CM-28 | 95 | 409-1 | CS-409-1 | HHSVMCB2 | 26 | 311200 J008 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 4B G . 2 | | HLG.- | - | H409 | TS2CM-28 | 96 | 409-2 | | HHSVMCB2 | 26 | 311200 J008 | 051 | 3H 3H 3H | |
| 037 | HIFI LOA 4B G . 2RTN | | HLG.- | - | H409 | TS2CM-28 | 96 | 409-2 | | HHSVMCB2 | 26 | 311200 J008 | 052 | 3H 3H 3H | |
| 042 | HIFI LOA 4B G . SHD96 | | HLG.- | - | H409 | TS2CM-28 | 96 | 409-2 | CS-409-2 | HHSVMCB2 | 26 | 311200 J008 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 4B . D1S | | HLX.- | - | H410 | TP4SS-38 | 15 | 1 | | HHSVMCB2 | 26 | 311200 J008 | 037 | 3H 3H 3H | |
| 039 | HIFI LOA 4B . D1SRT | | HLX.- | - | H410 | TP4SS-38 | 15 | 1 | | HHSVMCB2 | 26 | 311200 J008 | 049 | 3H 3H 3H | |
| 007 | HIFI LOA 4B . D2S | | HLX.- | - | H410 | TP4SS-38 | 15 | 2 | | HHSVMCB2 | 26 | 311200 J008 | 038 | 3H 3H 3H | |
| 040 | HIFI LOA 4B . D2SRT | | HLX.- | - | H410 | TP4SS-38 | 15 | 2 | | HHSVMCB2 | 26 | 311200 J008 | 026 | 3H 3H 3H | |
| 005 | HIFI LOA 4B . G1S | | HLX.- | - | H410 | TP4SS-38 | 15 | 3 | | HHSVMCB2 | 26 | 311200 J008 | 016 | 3H 3H 3H | |
| 038 | HIFI LOA 4B . G1SRT | | HLX.- | - | H410 | TP4SS-38 | 15 | 3 | | HHSVMCB2 | 26 | 311200 J008 | 027 | 3H 3H 3H | |
| 006 | HIFI LOA 4B . G2S | | HLX.- | - | H410 | TP4SS-38 | 15 | 4 | | HHSVMCB2 | 26 | 311200 J008 | 015 | 3H 3H 3H | |
| 022 | HIFI LOA 4B . G2SRT | | HLX.- | - | H410 | TP4SS-38 | 15 | 4 | | HHSVMCB2 | 26 | 311200 J008 | 008 | 3H 3H 3H | |
| 043 | HIFI LOA 4B . SHD15 | | HLX.- | - | H410 | TP4SS-38 | 15 | | CS-H410 | HHSVMCB2 | 26 | 311200 J008 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 111200 P008

Function / Bundle: HIFI LOU SIH-XH-11

Conn.-Type: SCC340100201BDDMA50PNMBFO

Item: HHLOU

Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|--------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 4B T . VP | | HLT.- | - | H411 | 041SS-38 | 50 | | | | HHSVMCB2 | 26 | 311200 J008 | 009 | 3H 3H 3H |
| 009 | HIFI LOA 4B T . VN | | HLT.- | - | H411 | 041SS-38 | 50 | | | | HHSVMCB2 | 26 | 311200 J008 | 017 | 3H 3H 3H |
| 024 | HIFI LOA 4B T . IP | | HLT.- | - | H411 | 041SS-38 | 50 | | | | HHSVMCB2 | 26 | 311200 J008 | 001 | 3H 3H 3H |
| 025 | HIFI LOA 4B T . IN | | HLT.- | - | H411 | 041SS-38 | 50 | | | | HHSVMCB2 | 26 | 311200 J008 | 002 | 3H 3H 3H |
| 027 | HIFI LOA 4B T . SHD50 | | HLT.- | - | H411 | 041SS-38 | 50 | | CS-H411 | | HHSVMCB2 | 26 | 311200 J008 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 4B P . L | | HLP.- | - | H412 | TS2CM-28 | 21 | | | | HHSVMCB2 | 26 | 311200 J008 | 029 | 3H 3H 3H |
| 026 | HIFI LOA 4B P . LRTN | | HLP.- | - | H412 | TS2CM-28 | 21 | | | | HHSVMCB2 | 26 | 311200 J008 | 030 | 3H 3H 3H |
| 044 | HIFI LOA 4B P . SHD21 | | HLP.- | - | H412 | TS2CM-28 | 21 | | CS-H412 | | HHSVMCB2 | 26 | 311200 J008 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 4B MS . 1 | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J008 | 058 | 3H 3H 3H |
| 047 | HIFI LOA 4B MS . 1RTN | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | 1 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J008 | 057 | 3H 3H 3H |
| 013 | HIFI LOA 4B MS . 2 | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J008 | 046 | 3H 3H 3H |
| 046 | HIFI LOA 4B MS . 2RTN | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | 2 | TP2SS-38 | HHSVMCB2 | 26 | 311200 J008 | 047 | 3H 3H 3H |
| 028 | HIFI LOA 4B MS . SHD35 | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | | CS-413-0 | HHSVMCB2 | 26 | 311200 J008 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 4B MS . 3 | | HL2.- | - | H413 | X10SS-38 | 38 | 413-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J008 | 034 | 3H 3H 3H |
| 045 | HIFI LOA 4B MS . 3RTN | | HL2.- | - | H413 | X10SS-38 | 38 | 413-3 | | 021SS-38 | HHSVMCB2 | 26 | 311200 J008 | 035 | 3H 3H 3H |
| 028 | HIFI LOA 4B MS . SHD38 | | HL2.- | - | H413 | X10SS-38 | 38 | 413-3 | | CS-413-3 | HHSVMCB2 | 26 | 311200 J008 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 4B M . 1 | | HL6.- | - | H414 | 021BS-38 | 45 | 414-1 | | | HHSVMCB2 | 26 | 311200 J008 | 032 | 3H 3H 3H |
| 048 | HIFI LOA 4B M . 1RTN | | HL6.- | - | H414 | 021BS-38 | 45 | 414-1 | | | HHSVMCB2 | 26 | 311200 J008 | 033 | 3H 3H 3H |
| 031 | HIFI LOA 4B M . SHD45 | | HL6.- | - | H414 | 021BS-38 | 45 | 414-1 | | CS-414-1 | HHSVMCB2 | 26 | 311200 J008 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 4B M . 2 | | HL6.- | - | H414 | 021BS-38 | 46 | 414-2 | | | HHSVMCB2 | 26 | 311200 J008 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 4B M . 2RTN | | HL6.- | - | H414 | 021BS-38 | 46 | 414-2 | | | HHSVMCB2 | 26 | 311200 J008 | 022 | 3H 3H 3H |
| 031 | HIFI LOA 4B M . SHD46 | | HL6.- | - | H414 | 021BS-38 | 46 | 414-2 | | CS-414-2 | HHSVMCB2 | 26 | 311200 J008 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 4B M . 3 | | HL6.- | - | H414 | 021BS-38 | 47 | 414-3 | | | HHSVMCB2 | 26 | 311200 J008 | 014 | 3H 3H 3H |
| 050 | HIFI LOA 4B M . 3RTN | | HL6.- | - | H414 | 021BS-38 | 47 | 414-3 | | | HHSVMCB2 | 26 | 311200 J008 | 007 | 3H 3H 3H |
| 031 | HIFI LOA 4B M . SHD47 | | HL6.- | - | H414 | 021BS-38 | 47 | 414-3 | | CS-414-3 | HHSVMCB2 | 26 | 311200 J008 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 265 (of 474)

Connector: 111200 P008

Function / Bundle: HIFI LOU SIH-XH-11

Conn.-Type: SCC340100201BDDMA50PNMBFO

Item: HHLOU

Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|-----------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | 5 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;029 ;030 ;032 ;033 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 266 (of 474)

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Pin Allocation List

(Harness)

Connector: 311200 J008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 3B D . 1A | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHLOU | 44 | 111200 P006 | 001 | 3H 1H 3H | |
| 100 | HIFI LOA 3B D . 1RTNA | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHLOU | 44 | 111200 P006 | 034 | 3H 1H 3H | |
| 089 | HIFI LOA 3B D . 1B | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHLOU | 44 | 111200 P006 | 001 | 3H 1H 3H | |
| 101 | HIFI LOA 3B D . 1RTNB | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHLOU | 44 | 111200 P006 | 034 | 3H 1H 3H | |
| 090 | HIFI LOA 3B D . 1* | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHLOU | 44 | 111200 P006 | 018 | 3H 1H 3H | |
| 079 | HIFI LOA 3B D . 1RTN* | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | | HHLOU | 44 | 111200 P006 | 035 | 3H 1H 3H | |
| 068 | HIFI LOA 3B D . SHD81 | | HLD.- | - | H308 | TS6CM-22 | 81 | 308-1 | CS-308-1 | HHLOU | 44 | 111200 P006 | 041 | 3H 1H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 055 | HIFI LOA 3B D . 2A | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHLOU | 44 | 111200 P006 | 002 | 3H 1H 3H | |
| 044 | HIFI LOA 3B D . 2RTNA | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHLOU | 44 | 111200 P006 | 019 | 3H 1H 3H | |
| 056 | HIFI LOA 3B D . 2B | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHLOU | 44 | 111200 P006 | 002 | 3H 1H 3H | |
| 045 | HIFI LOA 3B D . 2RTNB | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHLOU | 44 | 111200 P006 | 019 | 3H 1H 3H | |
| 067 | HIFI LOA 3B D . 2* | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHLOU | 44 | 111200 P006 | 003 | 3H 1H 3H | |
| 066 | HIFI LOA 3B D . 2RTN* | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | | HHLOU | 44 | 111200 P006 | 036 | 3H 1H 3H | |
| 068 | HIFI LOA 3B D . SHD82 | | HLD.- | - | H308 | TS6CM-22 | 82 | 308-2 | CS-308-2 | HHLOU | 44 | 111200 P006 | 041 | 3H 1H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 097 | HIFI LOA 3B G . 1 | | HLG.- | - | H309 | TS2CM-28 | 91 | 309-1 | | HHLOU | 44 | 111200 P006 | 004 | 3H 3H 3H | |
| 098 | HIFI LOA 3B G . 1RTN | | HLG.- | - | H309 | TS2CM-28 | 91 | 309-1 | | HHLOU | 44 | 111200 P006 | 020 | 3H 3H 3H | |
| 074 | HIFI LOA 3B G . SHD91 | | HLG.- | - | H309 | TS2CM-28 | 91 | 309-1 | CS-309-1 | HHLOU | 44 | 111200 P006 | 042 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 086 | HIFI LOA 3B G . 2 | | HLG.- | - | H309 | TS2CM-28 | 92 | 309-2 | | HHLOU | 44 | 111200 P006 | 021 | 3H 3H 3H | |
| 085 | HIFI LOA 3B G . 2RTN | | HLG.- | - | H309 | TS2CM-28 | 92 | 309-2 | | HHLOU | 44 | 111200 P006 | 037 | 3H 3H 3H | |
| 074 | HIFI LOA 3B G . SHD92 | | HLG.- | - | H309 | TS2CM-28 | 92 | 309-2 | CS-309-2 | HHLOU | 44 | 111200 P006 | 042 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 118 | HIFI LOA 3B . D1S | | HLX.- | - | H310 | TP4SS-38 | 5 | 1 | | HHLOU | 44 | 111200 P006 | 023 | 3H 3H 3H | |
| 126 | HIFI LOA 3B . D1SRT | | HLX.- | - | H310 | TP4SS-38 | 5 | 1 | | HHLOU | 44 | 111200 P006 | 039 | 3H 3H 3H | |
| 119 | HIFI LOA 3B . D2S | | HLX.- | - | H310 | TP4SS-38 | 5 | 2 | | HHLOU | 44 | 111200 P006 | 007 | 3H 3H 3H | |
| 110 | HIFI LOA 3B . D2SRT | | HLX.- | - | H310 | TP4SS-38 | 5 | 2 | | HHLOU | 44 | 111200 P006 | 040 | 3H 3H 3H | |
| 127 | HIFI LOA 3B . G1S | | HLX.- | - | H310 | TP4SS-38 | 5 | 3 | | HHLOU | 44 | 111200 P006 | 005 | 3H 3H 3H | |
| 128 | HIFI LOA 3B . G1SRT | | HLX.- | - | H310 | TP4SS-38 | 5 | 3 | | HHLOU | 44 | 111200 P006 | 038 | 3H 3H 3H | |
| 111 | HIFI LOA 3B . G2S | | HLX.- | - | H310 | TP4SS-38 | 5 | 4 | | HHLOU | 44 | 111200 P006 | 006 | 3H 3H 3H | |
| 120 | HIFI LOA 3B . G2SRT | | HLX.- | - | H310 | TP4SS-38 | 5 | 4 | | HHLOU | 44 | 111200 P006 | 022 | 3H 3H 3H | |
| 109 | HIFI LOA 3B . SHD05 | | HLX.- | - | H310 | TP4SS-38 | 5 | | CS-H310 | HHLOU | 44 | 111200 P006 | 043 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Pin Allocation List

(Harness)

Connector: 311200 J008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 092 | HIFI LOA 3B T . VP | | HLT.- | - | H311 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P006 | 008 | 3H 3H 3H |
| 104 | HIFI LOA 3B T . VN | | HLT.- | - | H311 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P006 | 009 | 3H 3H 3H |
| 093 | HIFI LOA 3B T . IP | | HLT.- | - | H311 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P006 | 024 | 3H 3H 3H |
| 081 | HIFI LOA 3B T . IN | | HLT.- | - | H311 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P006 | 025 | 3H 3H 3H |
| 070 | HIFI LOA 3B T . SHD10 | | HLT.- | - | H311 | 041SS-38 | 10 | | | CS-H311 | HHLOU | 44 | 111200 P006 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 039 | HIFI LOA 3B P . L | | HLP.- | - | H312 | TS2CM-28 | 20 | | | | HHLOU | 44 | 111200 P006 | 010 | 3H 3H 3H |
| 040 | HIFI LOA 3B P . LRTN | | HLP.- | - | H312 | TS2CM-28 | 20 | | | | HHLOU | 44 | 111200 P006 | 026 | 3H 3H 3H |
| 028 | HIFI LOA 3B P . SHD20 | | HLP.- | - | H312 | TS2CM-28 | 20 | | | CS-H312 | HHLOU | 44 | 111200 P006 | 044 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 117 | HIFI LOA 3B MS . 1 | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P006 | 014 | 3H 3H 3H |
| 124 | HIFI LOA 3B MS . 1RTN | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P006 | 047 | 3H 3H 3H |
| 123 | HIFI LOA 3B MS . 2 | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P006 | 013 | 3H 3H 3H |
| 116 | HIFI LOA 3B MS . 2RTN | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P006 | 046 | 3H 3H 3H |
| 125 | HIFI LOA 3B MS . SHD30 | | HL2.- | - | H313 | X10SS-38 | 30 | 313-0 | | CS-313-0 | HHLOU | 44 | 111200 P006 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 107 | HIFI LOA 3B MS . 3 | | HL2.- | - | H313 | X10SS-38 | 33 | 313-0 | | 021SS-38 | HHLOU | 44 | 111200 P006 | 012 | 3H 3H 3H |
| 122 | HIFI LOA 3B MS . 3RTN | | HL2.- | - | H313 | X10SS-38 | 33 | 313-3 | | 021SS-38 | HHLOU | 44 | 111200 P006 | 045 | 3H 3H 3H |
| 125 | HIFI LOA 3B MS . SHD30 | | HL2.- | - | H313 | X10SS-38 | 33 | 313-3 | | CS-H313 | HHLOU | 44 | 111200 P006 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 112 | HIFI LOA 3B M . 1 | | HL6.- | - | H314 | 021BS-38 | 41 | 314-1 | | | HHLOU | 44 | 111200 P006 | 015 | 3H 3H 3H |
| 121 | HIFI LOA 3B M . 1RTN | | HL6.- | - | H314 | 021BS-38 | 41 | 314-1 | | | HHLOU | 44 | 111200 P006 | 048 | 3H 3H 3H |
| 091 | HIFI LOA 3B M . SHD41 | | HL6.- | - | H314 | 021BS-38 | 41 | 314-1 | | CS-314-1 | HHLOU | 44 | 111200 P006 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 3B M . 2 | | HL6.- | - | H314 | 021BS-38 | 42 | 314-2 | | | HHLOU | 44 | 111200 P006 | 016 | 3H 3H 3H |
| 102 | HIFI LOA 3B M . 2RTN | | HL6.- | - | H314 | 021BS-38 | 42 | 314-2 | | | HHLOU | 44 | 111200 P006 | 049 | 3H 3H 3H |
| 091 | HIFI LOA 3B M . SHD42 | | HL6.- | - | H314 | 021BS-38 | 42 | 314-2 | | CS-314-2 | HHLOU | 44 | 111200 P006 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 103 | HIFI LOA 3B M . 3 | | HL6.- | - | H314 | 021BS-38 | 43 | 314-3 | | | HHLOU | 44 | 111200 P006 | 017 | 3H 3H 3H |
| 114 | HIFI LOA 3B M . 3RTN | | HL6.- | - | H314 | 021BS-38 | 43 | 314-3 | | | HHLOU | 44 | 111200 P006 | 050 | 3H 3H 3H |
| 091 | HIFI LOA 3B M . SHD43 | | HL6.- | - | H314 | 021BS-38 | 43 | 314-3 | | CS-314-3 | HHLOU | 44 | 111200 P006 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 064 | HIFI LOA 4B D . 1A | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | | HHLOU | 44 | 111200 P008 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 4B D . 1RTNA | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | | HHLOU | 44 | 111200 P008 | 034 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 J008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 087 | HIFI LOA 4B D . 1B | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHLOU | 44 | 111200 P008 | 001 | 3H 3H 3H | |
| 076 | HIFI LOA 4B D . 1RTNB | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHLOU | 44 | 111200 P008 | 034 | 3H 3H 3H | |
| 088 | HIFI LOA 4B D . 1* | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHLOU | 44 | 111200 P008 | 018 | 3H 3H 3H | |
| 099 | HIFI LOA 4B D . 1RTN* | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | | HHLOU | 44 | 111200 P008 | 035 | 3H 3H 3H | |
| 077 | HIFI LOA 4B D . SHD85 | | HLD.- | - | H408 | TS6CM-22 | 85 | 408-1 | CS-408-1 | HHLOU | 44 | 111200 P008 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 031 | HIFI LOA 4B D . 2A | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHLOU | 44 | 111200 P008 | 002 | 3H 3H 3H | |
| 042 | HIFI LOA 4B D . 2RTNA | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHLOU | 44 | 111200 P008 | 019 | 3H 3H 3H | |
| 053 | HIFI LOA 4B D . 2B | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHLOU | 44 | 111200 P008 | 002 | 3H 3H 3H | |
| 043 | HIFI LOA 4B D . 2RTNB | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHLOU | 44 | 111200 P008 | 019 | 3H 3H 3H | |
| 054 | HIFI LOA 4B D . 2* | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHLOU | 44 | 111200 P008 | 003 | 3H 3H 3H | |
| 065 | HIFI LOA 4B D . 2RTN* | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | | HHLOU | 44 | 111200 P008 | 036 | 3H 3H 3H | |
| 077 | HIFI LOA 4B D . SHD86 | | HLD.- | - | H408 | TS6CM-22 | 86 | 408-2 | CS-408-2 | HHLOU | 44 | 111200 P008 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 063 | HIFI LOA 4B G . 1 | | HLG.- | - | H409 | TS2CM-28 | 95 | 409-1 | | HHLOU | 44 | 111200 P008 | 004 | 3H 3H 3H | |
| 062 | HIFI LOA 4B G . 1RTN | | HLG.- | - | H409 | TS2CM-28 | 95 | 409-1 | | HHLOU | 44 | 111200 P008 | 020 | 3H 3H 3H | |
| 073 | HIFI LOA 4B G . SHD95 | | HLG.- | - | H409 | TS2CM-28 | 95 | 409-1 | CS-409-1 | HHLOU | 44 | 111200 P008 | 042 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 051 | HIFI LOA 4B G . 2 | | HLG.- | - | H409 | TS2CM-28 | 96 | 409-2 | | HHLOU | 44 | 111200 P008 | 021 | 3H 3H 3H | |
| 052 | HIFI LOA 4B G . 2RTN | | HLG.- | - | H409 | TS2CM-28 | 96 | 409-2 | | HHLOU | 44 | 111200 P008 | 037 | 3H 3H 3H | |
| 073 | HIFI LOA 4B G . SHD96 | | HLG.- | - | H409 | TS2CM-28 | 96 | 409-2 | CS-409-2 | HHLOU | 44 | 111200 P008 | 042 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 037 | HIFI LOA 4B . D1S | | HLX.- | - | H410 | TP4SS-38 | 15 | 1 | | HHLOU | 44 | 111200 P008 | 023 | 3H 3H 3H | |
| 049 | HIFI LOA 4B . D1SRT | | HLX.- | - | H410 | TP4SS-38 | 15 | 1 | | HHLOU | 44 | 111200 P008 | 039 | 3H 3H 3H | |
| 038 | HIFI LOA 4B . D2S | | HLX.- | - | H410 | TP4SS-38 | 15 | 2 | | HHLOU | 44 | 111200 P008 | 007 | 3H 3H 3H | |
| 026 | HIFI LOA 4B . D2SRT | | HLX.- | - | H410 | TP4SS-38 | 15 | 2 | | HHLOU | 44 | 111200 P008 | 040 | 3H 3H 3H | |
| 016 | HIFI LOA 4B . G1S | | HLX.- | - | H410 | TP4SS-38 | 15 | 3 | | HHLOU | 44 | 111200 P008 | 005 | 3H 3H 3H | |
| 027 | HIFI LOA 4B . G1SRT | | HLX.- | - | H410 | TP4SS-38 | 15 | 3 | | HHLOU | 44 | 111200 P008 | 038 | 3H 3H 3H | |
| 015 | HIFI LOA 4B . G2S | | HLX.- | - | H410 | TP4SS-38 | 15 | 4 | | HHLOU | 44 | 111200 P008 | 006 | 3H 3H 3H | |
| 008 | HIFI LOA 4B . G2SRT | | HLX.- | - | H410 | TP4SS-38 | 15 | 4 | | HHLOU | 44 | 111200 P008 | 022 | 3H 3H 3H | |
| 025 | HIFI LOA 4B . SHD15 | | HLX.- | - | H410 | TP4SS-38 | 15 | | CS-H410 | HHLOU | 44 | 111200 P008 | 043 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 009 | HIFI LOA 4B T . VP | | HLT.- | - | H411 | 041SS-38 | 50 | | | HHLOU | 44 | 111200 P008 | 008 | 3H 3H 3H | |
| 017 | HIFI LOA 4B T . VN | | HLT.- | - | H411 | 041SS-38 | 50 | | | HHLOU | 44 | 111200 P008 | 009 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 311200 J008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|-----------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 4B T . IP | | HLT.- | - | H411 | 041SS-38 | 50 | | | | HHLOU | 44 | 111200 P008 | 024 | 3H 3H 3H |
| 002 | HIFI LOA 4B T . IN | | HLT.- | - | H411 | 041SS-38 | 50 | | | | HHLOU | 44 | 111200 P008 | 025 | 3H 3H 3H |
| 003 | HIFI LOA 4B T . SHD50 | | HLT.- | - | H411 | 041SS-38 | 50 | | CS-H411 | | HHLOU | 44 | 111200 P008 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 029 | HIFI LOA 4B P . L | | HLP.- | - | H412 | TS2CM-28 | 21 | | | | HHLOU | 44 | 111200 P008 | 010 | 3H 3H 3H |
| 030 | HIFI LOA 4B P . LRTN | | HLP.- | - | H412 | TS2CM-28 | 21 | | | | HHLOU | 44 | 111200 P008 | 026 | 3H 3H 3H |
| 041 | HIFI LOA 4B P . SHD21 | | HLP.- | - | H412 | TS2CM-28 | 21 | | CS-H412 | | HHLOU | 44 | 111200 P008 | 044 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 058 | HIFI LOA 4B MS . 1 | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P008 | 014 | 3H 3H 3H |
| 057 | HIFI LOA 4B MS . 1RTN | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P008 | 047 | 3H 3H 3H |
| 046 | HIFI LOA 4B MS . 2 | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P008 | 013 | 3H 3H 3H |
| 047 | HIFI LOA 4B MS . 2RTN | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P008 | 046 | 3H 3H 3H |
| 069 | HIFI LOA 4B MS . SHD35 | | HL2.- | - | H413 | X10SS-38 | 35 | 413-0 | | CS-413-0 | HHLOU | 44 | 111200 P008 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 034 | HIFI LOA 4B MS . 3 | | HL2.- | - | H413 | X10SS-38 | 38 | 413-3 | | 021SS-38 | HHLOU | 44 | 111200 P008 | 012 | 3H 3H 3H |
| 035 | HIFI LOA 4B MS . 3RTN | | HL2.- | - | H413 | X10SS-38 | 38 | 413-3 | | 021SS-38 | HHLOU | 44 | 111200 P008 | 045 | 3H 3H 3H |
| 069 | HIFI LOA 4B MS . SHD38 | | HL2.- | - | H413 | X10SS-38 | 38 | 413-3 | | CS-413-3 | HHLOU | 44 | 111200 P008 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 032 | HIFI LOA 4B M . 1 | | HL6.- | - | H414 | 021BS-38 | 45 | 414-1 | | | HHLOU | 44 | 111200 P008 | 015 | 3H 3H 3H |
| 033 | HIFI LOA 4B M . 1RTN | | HL6.- | - | H414 | 021BS-38 | 45 | 414-1 | | | HHLOU | 44 | 111200 P008 | 048 | 3H 3H 3H |
| 006 | HIFI LOA 4B M . SHD45 | | HL6.- | - | H414 | 021BS-38 | 45 | 414-1 | | CS-414-1 | HHLOU | 44 | 111200 P008 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 4B M . 2 | | HL6.- | - | H414 | 021BS-38 | 46 | 414-2 | | | HHLOU | 44 | 111200 P008 | 016 | 3H 3H 3H |
| 022 | HIFI LOA 4B M . 2RTN | | HL6.- | - | H414 | 021BS-38 | 46 | 414-2 | | | HHLOU | 44 | 111200 P008 | 049 | 3H 3H 3H |
| 006 | HIFI LOA 4B M . SHD46 | | HL6.- | - | H414 | 021BS-38 | 46 | 414-2 | | CS-414-2 | HHLOU | 44 | 111200 P008 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 4B M . 3 | | HL6.- | - | H414 | 021BS-38 | 47 | 414-3 | | | HHLOU | 44 | 111200 P008 | 017 | 3H 3H 3H |
| 007 | HIFI LOA 4B M . 3RTN | | HL6.- | - | H414 | 021BS-38 | 47 | 414-3 | | | HHLOU | 44 | 111200 P008 | 050 | 3H 3H 3H |
| 006 | HIFI LOA 4B M . SHD47 | | HL6.- | - | H414 | 021BS-38 | 47 | 414-3 | | CS-414-3 | HHLOU | 44 | 111200 P008 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | R |
| - | | | | | | | | | | | | | | | R |
| - | 30 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 271 (of 474)

Connector: 311200 J008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---|-------------|----------|-----------|-----|---------|--|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| - | - | | | | | | | | | ;004 ;005 ;010 ;011 ;012 ;013 ;018 ;019 ;020 ;021 ;024 ;036 ;048 ;050 ;059 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;105 ;106 ;108 ;115 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111200 P010
Item: HHLOU
Function / Bundle: HIFI LOU SIH-XH-12
Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 5B D . 1A | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 J003 | 078 | 3H 1H 3H | |
| 034 | HIFI LOA 5B D . 1RTNA | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 J003 | 100 | 3H 1H 3H | |
| 001 | HIFI LOA 5B D . 1B | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 J003 | 089 | 3H 1H 3H | |
| 034 | HIFI LOA 5B D . 1RTNB | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 J003 | 101 | 3H 1H 3H | |
| 018 | HIFI LOA 5B D . 1* | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 J003 | 090 | 3H 1H 3H | |
| 035 | HIFI LOA 5B D . 1RTN* | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 J003 | 079 | 3H 1H 3H | |
| 041 | HIFI LOA 5B D . SHD81 | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | CS-508-1 | HHSVMCB3 | 26 | 311300 J003 | 068 | 3H 1H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 5B D . 2A | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 J003 | 055 | 3H 1H 3H | |
| 019 | HIFI LOA 5B D . 2RTNA | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 J003 | 044 | 3H 1H 3H | |
| 002 | HIFI LOA 5B D . 2B | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 J003 | 056 | 3H 1H 3H | |
| 019 | HIFI LOA 5B D . 2RTNB | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 J003 | 045 | 3H 1H 3H | |
| 003 | HIFI LOA 5B D . 2* | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 J003 | 067 | 3H 1H 3H | |
| 036 | HIFI LOA 5B D . 2RTN* | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 J003 | 066 | 3H 1H 3H | |
| 041 | HIFI LOA 5B D . SHD82 | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | CS-508-2 | HHSVMCB3 | 26 | 311300 J003 | 068 | 3H 1H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 5B G . 1 | | HLG.- | - | H509 | TS2CM-28 | 91 | 509-1 | | HHSVMCB3 | 26 | 311300 J003 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 5B G . 1RTN | | HLG.- | - | H509 | TS2CM-28 | 91 | 509-1 | | HHSVMCB3 | 26 | 311300 J003 | 098 | 3H 3H 3H | |
| 042 | HIFI LOA 5B G . SHD91 | | HLG.- | - | H509 | TS2CM-28 | 91 | 509-1 | CS-509-1 | HHSVMCB3 | 26 | 311300 J003 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 5B G . 2 | | HLG.- | - | H509 | TS2CM-28 | 92 | 509-2 | | HHSVMCB3 | 26 | 311300 J003 | 086 | 3H 3H 3H | |
| 037 | HIFI LOA 5B G . 2RTN | | HLG.- | - | H509 | TS2CM-28 | 92 | 509-2 | | HHSVMCB3 | 26 | 311300 J003 | 085 | 3H 3H 3H | |
| 042 | HIFI LOA 5B G . SHD92 | | HLG.- | - | H509 | TS2CM-28 | 92 | 509-2 | CS-509-2 | HHSVMCB3 | 26 | 311300 J003 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 5B . D1S | | HLX.- | - | H510 | TP4SS-38 | 5 | 1 | | HHSVMCB3 | 26 | 311300 J003 | 118 | 3H 3H 3H | |
| 039 | HIFI LOA 5B . D1SRT | | HLX.- | - | H510 | TP4SS-38 | 5 | 1 | | HHSVMCB3 | 26 | 311300 J003 | 126 | 3H 3H 3H | |
| 007 | HIFI LOA 5B . D2S | | HLX.- | - | H510 | TP4SS-38 | 5 | 2 | | HHSVMCB3 | 26 | 311300 J003 | 119 | 3H 3H 3H | |
| 040 | HIFI LOA 5B . D2SRT | | HLX.- | - | H510 | TP4SS-38 | 5 | 2 | | HHSVMCB3 | 26 | 311300 J003 | 110 | 3H 3H 3H | |
| 005 | HIFI LOA 5B . G1S | | HLX.- | - | H510 | TP4SS-38 | 5 | 3 | | HHSVMCB3 | 26 | 311300 J003 | 127 | 3H 3H 3H | |
| 038 | HIFI LOA 5B . G1SRT | | HLX.- | - | H510 | TP4SS-38 | 5 | 3 | | HHSVMCB3 | 26 | 311300 J003 | 128 | 3H 3H 3H | |
| 006 | HIFI LOA 5B . G2S | | HLX.- | - | H510 | TP4SS-38 | 5 | 4 | | HHSVMCB3 | 26 | 311300 J003 | 111 | 3H 3H 3H | |
| 022 | HIFI LOA 5B . G2SRT | | HLX.- | - | H510 | TP4SS-38 | 5 | 4 | | HHSVMCB3 | 26 | 311300 J003 | 120 | 3H 3H 3H | |
| 043 | HIFI LOA 5B . SHD05 | | HLX.- | - | H510 | TP4SS-38 | 5 | | CS-H510 | HHSVMCB3 | 26 | 311300 J003 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 111200 P010
Item: HHLOU

Function / Bundle: HIFI LOU SIH-XH-12

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 5B T . VP | | HLT.- | - | H511 | 041SS-38 | 10 | | | | HHSVMCB3 | 26 | 311300 J003 | 092 | 3H 3H 3H |
| 009 | HIFI LOA 5B T . VN | | HLT.- | - | H511 | 041SS-38 | 10 | | | | HHSVMCB3 | 26 | 311300 J003 | 104 | 3H 3H 3H |
| 024 | HIFI LOA 5B T . IP | | HLT.- | - | H511 | 041SS-38 | 10 | | | | HHSVMCB3 | 26 | 311300 J003 | 093 | 3H 3H 3H |
| 025 | HIFI LOA 5B T . IN | | HLT.- | - | H511 | 041SS-38 | 10 | | | | HHSVMCB3 | 26 | 311300 J003 | 081 | 3H 3H 3H |
| 027 | HIFI LOA 5B T . SHD10 | | HLT.- | - | H511 | 041SS-38 | 10 | | CS-H511 | | HHSVMCB3 | 26 | 311300 J003 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 5B P . L | | HLP.- | - | H512 | TS2CM-28 | 20 | | | | HHSVMCB3 | 26 | 311300 J003 | 039 | 3H 3H 3H |
| 026 | HIFI LOA 5B P . LRTN | | HLP.- | - | H512 | TS2CM-28 | 20 | | | | HHSVMCB3 | 26 | 311300 J003 | 040 | 3H 3H 3H |
| 044 | HIFI LOA 5B P . SHD20 | | HLP.- | - | H512 | TS2CM-28 | 20 | | CS-H512 | | HHSVMCB3 | 26 | 311300 J003 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI LOA 5B MS . 1 | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | TP2SS-38 | | HHSVMCB3 | 26 | 311300 J003 | 117 | 3H 3H 3H |
| 047 | HIFI LOA 5B MS . 1RTN | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | TP2SS-38 | | HHSVMCB3 | 26 | 311300 J003 | 124 | 3H 3H 3H |
| 013 | HIFI LOA 5B MS . 2 | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | TP2SS-38 | | HHSVMCB3 | 26 | 311300 J003 | 123 | 3H 3H 3H |
| 046 | HIFI LOA 5B MS . 2RTN | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | TP2SS-38 | | HHSVMCB3 | 26 | 311300 J003 | 116 | 3H 3H 3H |
| 028 | HIFI LOA 5B MS . SHD30 | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | CS-513-0 | | HHSVMCB3 | 26 | 311300 J003 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 5B MS . 3 | | HL2.- | - | H513 | X10SS-38 | 33 | 513-3 | 021SS-38 | | HHSVMCB3 | 26 | 311300 J003 | 107 | 3H 3H 3H |
| 045 | HIFI LOA 5B MS . 3RTN | | HL2.- | - | H513 | X10SS-38 | 33 | 513-3 | 021SS-38 | | HHSVMCB3 | 26 | 311300 J003 | 122 | 3H 3H 3H |
| 028 | HIFI LOA 5B MS . SHD33 | | HL2.- | - | H513 | X10SS-38 | 33 | 513-3 | CS-513-3 | | HHSVMCB3 | 26 | 311300 J003 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 5B M . 1 | | HL6.- | - | H514 | 021BS-38 | 41 | 514-1 | | | HHSVMCB3 | 26 | 311300 J003 | 112 | 3H 3H 3H |
| 048 | HIFI LOA 5B M . 1RTN | | HL6.- | - | H514 | 021BS-38 | 41 | 514-1 | | | HHSVMCB3 | 26 | 311300 J003 | 121 | 3H 3H 3H |
| 031 | HIFI LOA 5B M . SGD41 | | HL6.- | - | H514 | 021BS-38 | 41 | 514-1 | CS-514-1 | | HHSVMCB3 | 26 | 311300 J003 | | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 5B M . 2 | | HL6.- | - | H514 | 021BS-38 | 42 | 514-2 | | | HHSVMCB3 | 26 | 311300 J003 | 113 | 3H 3H 3H |
| 049 | HIFI LOA 5B M . 2RTN | | HL6.- | - | H514 | 021BS-38 | 42 | 514-2 | | | HHSVMCB3 | 26 | 311300 J003 | 102 | 3H 3H 3H |
| 031 | HIFI LOA 5B M . SHD42 | | HL6.- | - | H514 | 021BS-38 | 42 | 514-2 | CS-514-2 | | HHSVMCB3 | 26 | 311300 J003 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 5B M . 3 | | HL6.- | - | H514 | 021BS-38 | 43 | 514-3 | | | HHSVMCB3 | 26 | 311300 J003 | 103 | 3H 3H 3H |
| 050 | HIFI LOA 5B M . 3RTN | | HL6.- | - | H514 | 021BS-38 | 43 | 514-3 | | | HHSVMCB3 | 26 | 311300 J003 | 114 | 3H 3H 3H |
| 031 | HIFI LOA 5B M . SHD43 | | HL6.- | - | H514 | 021BS-38 | 43 | 514-3 | CS-514-3 | | HHSVMCB3 | 26 | 311300 J003 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 275 (of 474)

Connector: 111200 P010

Function / Bundle: HIFI LOU SIH-XH-12

Conn.-Type: SCC340100201BDDMA50PNMBFO

Item: HHLOU

Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|-----------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | 5 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;011 ;029 ;030 ;032 ;033 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 276 (of 474)

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Pin Allocation List

(Harness)

Connector: 111200 P012
Item: HHLOU

Function / Bundle: HIFI LOU HIFI LOU SIH-XH-12

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6B D . 1A | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 J003 | 064 | 3H 3H 3H |
| 034 | HIFI LOA 6B D . 1RTNA | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 J003 | 075 | 3H 3H 3H |
| 001 | HIFI LOA 6B D . 1B | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 J003 | 087 | 3H 3H 3H |
| 034 | HIFI LOA 6B D . 1RTNB | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 J003 | 076 | 3H 3H 3H |
| 018 | HIFI LOA 6B D . 1* | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 J003 | 088 | 3H 3H 3H |
| 035 | HIFI LOA 6B D . 1RTN* | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 J003 | 059 | 3H 3H 3H |
| 041 | HIFI LOA 6B D . SHD15 | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | CS-611-1 | | HHSVMCB3 | 26 | 311300 J003 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 6B D . 2A | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 J003 | 031 | 3H 3H 3H |
| 019 | HIFI LOA 6B D . 2RTNA | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 J003 | 042 | 3H 3H 3H |
| 002 | HIFI LOA 6B D . 2B | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 J003 | 053 | 3H 3H 3H |
| 019 | HIFI LOA 6B D . 2RTNB | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 J003 | 043 | 3H 3H 3H |
| 003 | HIFI LOA 6B D . 2* | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 J003 | 054 | 3H 3H 3H |
| 036 | HIFI LOA 6B D . 2RTN* | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 J003 | 065 | 3H 3H 3H |
| 041 | HIFI LOA 6B D . SHD16 | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | CS-611-2 | | HHSVMCB3 | 26 | 311300 J003 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 6B G . 1 | | HLG.- | - | H612 | TS2CM-28 | 21 | 612-1 | | | HHSVMCB3 | 26 | 311300 J003 | 063 | 3H 3H 3H |
| 020 | HIFI LOA 6B G . 1RTN | | HLG.- | - | H612 | TS2CM-28 | 21 | 612-1 | | | HHSVMCB3 | 26 | 311300 J003 | 062 | 3H 3H 3H |
| 041 | HIFI LOA 6B G . SHD21 | | HLG.- | - | H612 | TS2CM-28 | 21 | 612-1 | CS-612-1 | | HHSVMCB3 | 26 | 311300 J003 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 021 | HIFI LOA 6B G . 2 | | HLG.- | - | H612 | TS2CM-28 | 22 | 612-2 | | | HHSVMCB3 | 26 | 311300 J003 | 051 | 3H 3H 3H |
| 037 | HIFI LOA 6B G . 2RTN | | HLG.- | - | H612 | TS2CM-28 | 22 | 612-2 | | | HHSVMCB3 | 26 | 311300 J003 | 052 | 3H 3H 3H |
| 041 | HIFI LOA 6B G . SHD22 | | HLG.- | - | H612 | TS2CM-28 | 22 | 612-2 | CS-612-2 | | HHSVMCB3 | 26 | 311300 J003 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 023 | HIFI LOA 6B . D1S | | HLX.- | - | H613 | TP4SS-38 | 35 | | 1 | | HHSVMCB3 | 26 | 311300 J003 | 037 | 3H 3H 3H |
| 039 | HIFI LOA 6B . D1SRT | | HLX.- | - | H613 | TP4SS-38 | 35 | | 1 | | HHSVMCB3 | 26 | 311300 J003 | 049 | 3H 3H 3H |
| 007 | HIFI LOA 6B . D2S | | HLX.- | - | H613 | TP4SS-38 | 35 | | 2 | | HHSVMCB3 | 26 | 311300 J003 | 038 | 3H 3H 3H |
| 040 | HIFI LOA 6B . D2SRT | | HLX.- | - | H613 | TP4SS-38 | 35 | | 2 | | HHSVMCB3 | 26 | 311300 J003 | 026 | 3H 3H 3H |
| 005 | HIFI LOA 6B . G1S | | HLX.- | - | H613 | TP4SS-38 | 35 | | 3 | | HHSVMCB3 | 26 | 311300 J003 | 016 | 3H 3H 3H |
| 038 | HIFI LOA 6B . G1SRT | | HLX.- | - | H613 | TP4SS-38 | 35 | | 3 | | HHSVMCB3 | 26 | 311300 J003 | 027 | 3H 3H 3H |
| 006 | HIFI LOA 6B . G2S | | HLX.- | - | H613 | TP4SS-38 | 35 | | 4 | | HHSVMCB3 | 26 | 311300 J003 | 015 | 3H 3H 3H |
| 022 | HIFI LOA 6B . G2SRT | | HLX.- | - | H613 | TP4SS-38 | 35 | | 4 | | HHSVMCB3 | 26 | 311300 J003 | 008 | 3H 3H 3H |
| 042 | HIFI LOA 6B . SHD35 | | HLX.- | - | H613 | TP4SS-38 | 35 | | | CS-H613 | HHSVMCB3 | 26 | 311300 J003 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 111200 P012
Item: HHLOU
Function / Bundle: HIFI LOU HIFI LOU SIH-XH-12
Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 008 | HIFI LOA 6B T . VP | | HLT.- | - | H614 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J003 | 009 | 3H 3H 3H |
| 009 | HIFI LOA 6B T . VN | | HLT.- | - | H614 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J003 | 017 | 3H 3H 3H |
| 024 | HIFI LOA 6B T . IP | | HLT.- | - | H614 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J003 | 001 | 3H 3H 3H |
| 025 | HIFI LOA 6B T . IN | | HLT.- | - | H614 | 041SS-38 | 45 | | | | HHSVMCB3 | 26 | 311300 J003 | 002 | 3H 3H 3H |
| 043 | HIFI LOA 6B T . SHD45 | | HLT.- | - | H614 | 041SS-38 | 45 | | | CS-H614 | HHSVMCB3 | 26 | 311300 J003 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI LOA 6B P . L | | HLP.- | - | H615 | TS2CM-28 | 50 | | | | HHSVMCB3 | 26 | 311300 J003 | 029 | 3H 3H 3H |
| 026 | HIFI LOA 6B P . LRTN | | HLP.- | - | H615 | TS2CM-28 | 50 | | | | HHSVMCB3 | 26 | 311300 J003 | 030 | 3H 3H 3H |
| 043 | HIFI LOA 6B P . SHD50 | | HLP.- | - | H615 | TS2CM-28 | 50 | | | CS-H615 | HHSVMCB3 | 26 | 311300 J003 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 030 | HIFI LOA 6B MS . 1 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 1 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J003 | 058 | 3H 3H 3H |
| 047 | HIFI LOA 6B MS . 1RTN | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 1 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J003 | 057 | 3H 3H 3H |
| 013 | HIFI LOA 6B MS . 2 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 2 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J003 | 046 | 3H 3H 3H |
| 046 | HIFI LOA 6B MS . 2RTN | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 2 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J003 | 047 | 3H 3H 3H |
| 012 | HIFI LOA 6B MS . 3 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 3 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J003 | 034 | 3H 3H 3H |
| 029 | HIFI LOA 6B MS . 3RTN | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 3 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J003 | 033 | 3H 3H 3H |
| 028 | HIFI LOA 6B MS . 4 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 4 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J003 | 035 | 3H 3H 3H |
| 045 | HIFI LOA 6B MS . 4RTN | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 4 | TP4SS-38 | HHSVMCB3 | 26 | 311300 J003 | 024 | 3H 3H 3H |
| 027 | HIFI LOA 6B MS . SHD60 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | | CS-616-0 | HHSVMCB3 | 26 | 311300 J003 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 011 | HIFI LOA 6B MS . 5 | | HL3.- | - | H616 | X11SS-38 | 65 | 616-5 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J003 | 023 | 3H 3H 3H |
| 044 | HIFI LOA 6B MS . 5RTN | | HL3.- | - | H616 | X11SS-38 | 65 | 616-5 | | 021SS-38 | HHSVMCB3 | 26 | 311300 J003 | 014 | 3H 3H 3H |
| 027 | HIFI LOA 6B MS . SHD65 | | HL3.- | - | H616 | X11SS-38 | 65 | 616-5 | | CS-616-5 | HHSVMCB3 | 26 | 311300 J003 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 6B M . 1 | | HL7.- | - | H617 | 021BS-38 | 71 | 617-1 | | | HHSVMCB3 | 26 | 311300 J003 | 022 | 3H 3H 3H |
| 031 | HIFI LOA 6B M . 1RTN | | HL7.- | - | H617 | 021BS-38 | 71 | 617-1 | | | HHSVMCB3 | 26 | 311300 J003 | 032 | 3H 3H 3H |
| 027 | HIFI LOA 6B M . SHD71 | | HL7.- | - | H617 | 021BS-38 | 71 | 617-1 | | CS-617-1 | HHSVMCB3 | 26 | 311300 J003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 6B M . 2 | | HL7.- | - | H617 | 021BS-38 | 72 | 617-2 | | | HHSVMCB3 | 26 | 311300 J003 | 021 | 3H 3H 3H |
| 048 | HIFI LOA 6B M . 2RTN | | HL7.- | - | H617 | 021BS-38 | 72 | 617-2 | | | HHSVMCB3 | 26 | 311300 J003 | 013 | 3H 3H 3H |
| 027 | HIFI LOA 6B M . SHD72 | | HL7.- | - | H617 | 021BS-38 | 72 | 617-2 | | CS-617-2 | HHSVMCB3 | 26 | 311300 J003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 016 | HIFI LOA 6B M . 3 | | HL7.- | - | H617 | 021BS-38 | 73 | 617-3 | | | HHSVMCB3 | 26 | 311300 J003 | 006 | 3H 3H 3H |

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Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 279 (of 474)

Connector: 111200 P012
Item: HHLOU

Function / Bundle: HIFI LOU HIFI LOU SIH-XH-12

Conn.-Type: SCC340100201BDDMA50PNMBFO
Backshell: CA-34-50

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 032 | HIFI LOA 6B M . 3RTN | | HL7.- | - | H617 | 021BS-38 | 73 | 617-3 | | | HHSVMCB3 | 26 | 311300 J003 | 007 | 3H 3H 3H |
| 027 | HIFI LOA 6B M . SHD73 | | HL7.- | - | H617 | 021BS-38 | 73 | 617-3 | CS-617-3 | | HHSVMCB3 | 26 | 311300 J003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 6B M . 4 | | HL7.- | - | H617 | 021BS-38 | 74 | 617-4 | | | HHSVMCB3 | 26 | 311300 J003 | 012 | 3H 3H 3H |
| 049 | HIFI LOA 6B M . 4RTN | | HL7.- | - | H617 | 021BS-38 | 74 | 617-4 | | | HHSVMCB3 | 26 | 311300 J003 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 6B M . SHD74 | | HL7.- | - | H617 | 021BS-38 | 74 | 617-4 | CS-617-4 | | HHSVMCB3 | 26 | 311300 J003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 017 | HIFI LOA 6B M . 5 | | HL7.- | - | H617 | 021BS-38 | 75 | 617-5 | | | HHSVMCB3 | 26 | 311300 J003 | 020 | 3H 3H 3H |
| 050 | HIFI LOA 6B M . 5RTN | | HL7.- | - | H617 | 021BS-38 | 75 | 617-5 | | | HHSVMCB3 | 26 | 311300 J003 | 011 | 3H 3H 3H |
| 027 | HIFI LOA 6B M . SHD75 | | HL7.- | - | H617 | 021BS-38 | 75 | 617-5 | CS-617-5 | | HHSVMCB3 | 26 | 311300 J003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 3H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 280 (of 474)

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Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 281 (of 474)

Connector: 111200 P016
Item: HHLOU

Function / Bundle: HIFI LOU HIFI LOU SIH-XH-12

Conn.-Type: SCC340100201BDEMA09SNMBFO
Backshell: CA-04-09

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|------------------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA HEAT R . SIG | | HLH.- | - | H702 | TS2CM-28 | 25 | | | | HHSVMCB3 | 26 | 311300 J003 | 019 | 3H 3H 3H |
| 009 | HIFI LOA HEAT R . RTN | | HLH.- | - | H702 | TS2CM-28 | 25 | | | | HHSVMCB3 | 26 | 311300 J003 | 018 | 3H 3H 3H |
| CH | HIFI LOA HEAT R . SHD25 | | HLH.- | - | H702 | TS2CM-28 | 25 | | CS-H702 | | HHSVMCB3 | 26 | 311300 J003 | 010 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 7 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;002 ;003 ;004 ;005 ;006 ;007 ;008 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 282 (of 474)

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Pin Allocation List

(Harness)

Connector: 311300 J003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------|-----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 5B D . 1A | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | | HHLOU | 44 | 111200 P010 | 001 | 3H 1H 3H |
| 100 | HIFI LOA 5B D . 1RTNA | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | | HHLOU | 44 | 111200 P010 | 034 | 3H 1H 3H |
| 089 | HIFI LOA 5B D . 1B | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | | HHLOU | 44 | 111200 P010 | 001 | 3H 1H 3H |
| 101 | HIFI LOA 5B D . 1RTNB | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | | HHLOU | 44 | 111200 P010 | 034 | 3H 1H 3H |
| 090 | HIFI LOA 5B D . 1* | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | | HHLOU | 44 | 111200 P010 | 018 | 3H 1H 3H |
| 079 | HIFI LOA 5B D . 1RTN* | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | | HHLOU | 44 | 111200 P010 | 035 | 3H 1H 3H |
| 068 | HIFI LOA 5B D . SHD81 | | HLD.- | - | H508 | TS6CM-22 | 81 | 508-1 | | CS-508-1 | HHLOU | 44 | 111200 P010 | 041 | 3H 1H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 055 | HIFI LOA 5B D . 2A | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | | HHLOU | 44 | 111200 P010 | 002 | 3H 1H 3H |
| 044 | HIFI LOA 5B D . 2RTNA | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | | HHLOU | 44 | 111200 P010 | 019 | 3H 1H 3H |
| 056 | HIFI LOA 5B D . 2B | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | | HHLOU | 44 | 111200 P010 | 002 | 3H 1H 3H |
| 045 | HIFI LOA 5B D . 2RTNB | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | | HHLOU | 44 | 111200 P010 | 019 | 3H 1H 3H |
| 067 | HIFI LOA 5B D . 2* | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | | HHLOU | 44 | 111200 P010 | 003 | 3H 1H 3H |
| 066 | HIFI LOA 5B D . 2RTN* | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | | HHLOU | 44 | 111200 P010 | 036 | 3H 1H 3H |
| 068 | HIFI LOA 5B D . SHD82 | | HLD.- | - | H508 | TS6CM-22 | 82 | 508-2 | | CS- 508-2 | HHLOU | 44 | 111200 P010 | 041 | 3H 1H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 097 | HIFI LOA 5B G . 1 | | HLG.- | - | H509 | TS2CM-28 | 91 | 509-1 | | | HHLOU | 44 | 111200 P010 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 5B G . 1RTN | | HLG.- | - | H509 | TS2CM-28 | 91 | 509-1 | | | HHLOU | 44 | 111200 P010 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 5B G . SHD91 | | HLG.- | - | H509 | TS2CM-28 | 91 | 509-1 | | CS-509-1 | HHLOU | 44 | 111200 P010 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 5B G . 2 | | HLG.- | - | H509 | TS2CM-28 | 92 | 509-2 | | | HHLOU | 44 | 111200 P010 | 021 | 3H 3H 3H |
| 085 | HIFI LOA 5B G . 2RTN | | HLG.- | - | H509 | TS2CM-28 | 92 | 509-2 | | | HHLOU | 44 | 111200 P010 | 037 | 3H 3H 3H |
| 074 | HIFI LOA 5B G . SHD92 | | HLG.- | - | H509 | TS2CM-28 | 92 | 509-2 | | CS-509-2 | HHLOU | 44 | 111200 P010 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 118 | HIFI LOA 5B . D1S | | HLX.- | - | H510 | TP4SS-38 | 5 | | 1 | | HHLOU | 44 | 111200 P010 | 023 | 3H 3H 3H |
| 126 | HIFI LOA 5B . D1SRT | | HLX.- | - | H510 | TP4SS-38 | 5 | | 1 | | HHLOU | 44 | 111200 P010 | 039 | 3H 3H 3H |
| 119 | HIFI LOA 5B . D2S | | HLX.- | - | H510 | TP4SS-38 | 5 | | 2 | | HHLOU | 44 | 111200 P010 | 007 | 3H 3H 3H |
| 110 | HIFI LOA 5B . D2SRT | | HLX.- | - | H510 | TP4SS-38 | 5 | | 2 | | HHLOU | 44 | 111200 P010 | 040 | 3H 3H 3H |
| 127 | HIFI LOA 5B . G1S | | HLX.- | - | H510 | TP4SS-38 | 5 | | 3 | | HHLOU | 44 | 111200 P010 | 005 | 3H 3H 3H |
| 128 | HIFI LOA 5B . G1SRT | | HLX.- | - | H510 | TP4SS-38 | 5 | | 3 | | HHLOU | 44 | 111200 P010 | 038 | 3H 3H 3H |
| 111 | HIFI LOA 5B . G2S | | HLX.- | - | H510 | TP4SS-38 | 5 | | 4 | | HHLOU | 44 | 111200 P010 | 006 | 3H 3H 3H |
| 120 | HIFI LOA 5B . G2SRT | | HLX.- | - | H510 | TP4SS-38 | 5 | | 4 | | HHLOU | 44 | 111200 P010 | 022 | 3H 3H 3H |
| 109 | HIFI LOA 5B . SHD05 | | HLX.- | - | H510 | TP4SS-38 | 5 | | | CS-H510 | HHLOU | 44 | 111200 P010 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311300 J003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 092 | HIFI LOA 5B T . VP | | HLT.- | - | H511 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P010 | 008 | 3H 3H 3H |
| 104 | HIFI LOA 5B T . VN | | HLT.- | - | H511 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P010 | 009 | 3H 3H 3H |
| 093 | HIFI LOA 5B T . IP | | HLT.- | - | H511 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P010 | 024 | 3H 3H 3H |
| 081 | HIFI LOA 5B T . IN | | HLT.- | - | H511 | 041SS-38 | 10 | | | | HHLOU | 44 | 111200 P010 | 025 | 3H 3H 3H |
| 070 | HIFI LOA 5B T . SHD10 | | HLT.- | - | H511 | 041SS-38 | 10 | | | CS-H511 | HHLOU | 44 | 111200 P010 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 039 | HIFI LOA 5B P . L | | HLP.- | - | H512 | TS2CM-28 | 20 | | | | HHLOU | 44 | 111200 P010 | 010 | 3H 3H 3H |
| 040 | HIFI LOA 5B P . LRTN | | HLP.- | - | H512 | TS2CM-28 | 20 | | | | HHLOU | 44 | 111200 P010 | 026 | 3H 3H 3H |
| 028 | HIFI LOA 5B P . SHD20 | | HLP.- | - | H512 | TS2CM-28 | 20 | | | CS-H512 | HHLOU | 44 | 111200 P010 | 044 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 117 | HIFI LOA 5B MS . 1 | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P010 | 014 | 3H 3H 3H |
| 124 | HIFI LOA 5B MS . 1RTN | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | 1 | TP2SS-38 | HHLOU | 44 | 111200 P010 | 047 | 3H 3H 3H |
| 123 | HIFI LOA 5B MS . 2 | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P010 | 013 | 3H 3H 3H |
| 116 | HIFI LOA 5B MS . 2RTN | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | 2 | TP2SS-38 | HHLOU | 44 | 111200 P010 | 046 | 3H 3H 3H |
| 125 | HIFI LOA 5B MS . SHD30 | | HL2.- | - | H513 | X10SS-38 | 30 | 513-0 | | CS-513-0 | HHLOU | 44 | 111200 P010 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 107 | HIFI LOA 5B MS . 3 | | HL2.- | - | H513 | X10SS-38 | 33 | 513-3 | | 021SS-38 | HHLOU | 44 | 111200 P010 | 012 | 3H 3H 3H |
| 122 | HIFI LOA 5B MS . 3RTN | | HL2.- | - | H513 | X10SS-38 | 33 | 513-3 | | 021SS-38 | HHLOU | 44 | 111200 P010 | 045 | 3H 3H 3H |
| 125 | HIFI LOA 5B MS . SHD33 | | HL2.- | - | H513 | X10SS-38 | 33 | 513-3 | | CS-513-3 | HHLOU | 44 | 111200 P010 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 5B M . 1 | | HL6.- | - | H514 | 021BS-38 | 41 | 514-1 | | | HHLOU | 44 | 111200 P010 | 015 | 3H 3H 3H |
| 121 | HIFI LOA 5B M . 1RTN | | HL6.- | - | H514 | 021BS-38 | 41 | 514-1 | | | HHLOU | 44 | 111200 P010 | 048 | 3H 3H 3H |
| 091 | HIFI LOA 5B M . SHD41 | | HL6.- | - | H514 | 021BS-38 | 41 | 514-1 | | CS-514-1 | HHLOU | 44 | 111200 P010 | | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 5B M . 2 | | HL6.- | - | H514 | 021BS-38 | 42 | 514-2 | | | HHLOU | 44 | 111200 P010 | 016 | 3H 3H 3H |
| 102 | HIFI LOA 5B M . 2RTN | | HL6.- | - | H514 | 021BS-38 | 42 | 514-2 | | | HHLOU | 44 | 111200 P010 | 049 | 3H 3H 3H |
| 091 | HIFI LOA 5B M . SHD42 | | HL6.- | - | H514 | 021BS-38 | 42 | 514-2 | | CS-514-2 | HHLOU | 44 | 111200 P010 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 103 | HIFI LOA 5B M . 3 | | HL6.- | - | H514 | 021BS-38 | 43 | 514-3 | | | HHLOU | 44 | 111200 P010 | 017 | 3H 3H 3H |
| 114 | HIFI LOA 5B M . 3RTN | | HL6.- | - | H514 | 021BS-38 | 43 | 514-3 | | | HHLOU | 44 | 111200 P010 | 050 | 3H 3H 3H |
| 091 | HIFI LOA 5B M . SHD43 | | HL6.- | - | H514 | 021BS-38 | 43 | 514-3 | | CS-514-3 | HHLOU | 44 | 111200 P010 | 031 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 6B D . 1A | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHLOU | 44 | 111200 P012 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 6B D . 1RTNA | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHLOU | 44 | 111200 P012 | 034 | 3H 3H 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 311300 J003

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B032435PN

Item: HHSVMCB3

Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 087 | HIFI LOA 6B D . 1B | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHLOU | 44 | 111200 P012 | 001 | 3H 3H 3H |
| 076 | HIFI LOA 6B D . 1RTNB | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHLOU | 44 | 111200 P012 | 034 | 3H 3H 3H |
| 088 | HIFI LOA 6B D . 1* | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHLOU | 44 | 111200 P012 | 018 | 3H 3H 3H |
| 059 | HIFI LOA 6B D . 1RTN* | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | | | HHLOU | 44 | 111200 P012 | 035 | 3H 3H 3H |
| 077 | HIFI LOA 6B D . SHD15 | | HLD.- | - | H611 | TS6CM-22 | 15 | 611-1 | CS-611-1 | | HHLOU | 44 | 111200 P012 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 031 | HIFI LOA 6B D . 2A | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHLOU | 44 | 111200 P012 | 002 | 3H 3H 3H |
| 042 | HIFI LOA 6B D . 2RTNA | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHLOU | 44 | 111200 P012 | 019 | 3H 3H 3H |
| 053 | HIFI LOA 6B D . 2B | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHLOU | 44 | 111200 P012 | 002 | 3H 3H 3H |
| 043 | HIFI LOA 6B D . 2RTNB | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHLOU | 44 | 111200 P012 | 019 | 3H 3H 3H |
| 054 | HIFI LOA 6B D . 2* | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHLOU | 44 | 111200 P012 | 003 | 3H 3H 3H |
| 065 | HIFI LOA 6B D . 2RTN* | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | | | HHLOU | 44 | 111200 P012 | 036 | 3H 3H 3H |
| 077 | HIFI LOA 6B D . SHD16 | | HLD.- | - | H611 | TS6CM-22 | 16 | 611-2 | CS-611-2 | | HHLOU | 44 | 111200 P012 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 063 | HIFI LOA 6B G . 1 | | HLG.- | - | H612 | TS2CM-28 | 21 | 612-1 | | | HHLOU | 44 | 111200 P012 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 6B G . 1RTN | | HLG.- | - | H612 | TS2CM-28 | 21 | 612-1 | | | HHLOU | 44 | 111200 P012 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 6B G . SHD21 | | HLG.- | - | H612 | TS2CM-28 | 21 | 612-1 | CS-612-1 | | HHLOU | 44 | 111200 P012 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 6B G . 2 | | HLG.- | - | H612 | TS2CM-28 | 22 | 612-2 | | | HHLOU | 44 | 111200 P012 | 021 | 3H 3H 3H |
| 052 | HIFI LOA 6B G . 2RTN | | HLG.- | - | H612 | TS2CM-28 | 22 | 612-2 | | | HHLOU | 44 | 111200 P012 | 037 | 3H 3H 3H |
| 073 | HIFI LOA 6B G . SHD22 | | HLG.- | - | H612 | TS2CM-28 | 22 | 612-2 | CS-612-2 | | HHLOU | 44 | 111200 P012 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 037 | HIFI LOA 6B . D1S | | HLX.- | - | H613 | TP4SS-38 | 35 | 1 | | | HHLOU | 44 | 111200 P012 | 023 | 3H 3H 3H |
| 049 | HIFI LOA 6B . D1SRT | | HLX.- | - | H613 | TP4SS-38 | 35 | 1 | | | HHLOU | 44 | 111200 P012 | 039 | 3H 3H 3H |
| 038 | HIFI LOA 6B . D2S | | HLX.- | - | H613 | TP4SS-38 | 35 | 2 | | | HHLOU | 44 | 111200 P012 | 007 | 3H 3H 3H |
| 026 | HIFI LOA 6B . D2SRT | | HLX.- | - | H613 | TP4SS-38 | 35 | 2 | | | HHLOU | 44 | 111200 P012 | 040 | 3H 3H 3H |
| 016 | HIFI LOA 6B . G1S | | HLX.- | - | H613 | TP4SS-38 | 35 | 3 | | | HHLOU | 44 | 111200 P012 | 005 | 3H 3H 3H |
| 027 | HIFI LOA 6B . G1SRT | | HLX.- | - | H613 | TP4SS-38 | 35 | 3 | | | HHLOU | 44 | 111200 P012 | 038 | 3H 3H 3H |
| 015 | HIFI LOA 6B . G2S | | HLX.- | - | H613 | TP4SS-38 | 35 | 4 | | | HHLOU | 44 | 111200 P012 | 006 | 3H 3H 3H |
| 008 | HIFI LOA 6B . G2SRT | | HLX.- | - | H613 | TP4SS-38 | 35 | 4 | | | HHLOU | 44 | 111200 P012 | 022 | 3H 3H 3H |
| 025 | HIFI LOA 6B . SHD35 | | HLX.- | - | H613 | TP4SS-38 | 35 | | CS-H613 | | HHLOU | 44 | 111200 P012 | 042 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 6B T . VP | | HLT.- | - | H614 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P012 | 008 | 3H 3H 3H |
| 017 | HIFI LOA 6B T . VN | | HLT.- | - | H614 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P012 | 009 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311300 J003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6B T . IP | | HLT.- | - | H614 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P012 | 024 | 3H 3H 3H |
| 002 | HIFI LOA 6B T . IN | | HLT.- | - | H614 | 041SS-38 | 45 | | | | HHLOU | 44 | 111200 P012 | 025 | 3H 3H 3H |
| 003 | HIFI LOA 6B T . SHD45 | | HLT.- | - | H614 | 041SS-38 | 45 | | | CS-H614 | HHLOU | 44 | 111200 P012 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 029 | HIFI LOA 6B P . L | | HLP.- | - | H615 | TS2CM-28 | 50 | | | | HHLOU | 44 | 111200 P012 | 010 | 3H 3H 3H |
| 030 | HIFI LOA 6B P . LRTN | | HLP.- | - | H615 | TS2CM-28 | 50 | | | | HHLOU | 44 | 111200 P012 | 026 | 3H 3H 3H |
| 041 | HIFI LOA 6B P . SHD50 | | HLP.- | - | H615 | TS2CM-28 | 50 | | | CS-H615 | HHLOU | 44 | 111200 P012 | 043 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 058 | HIFI LOA 6B MS . 1 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 1 | TP4SS-38 | HHLOU | 44 | 111200 P012 | 030 | 3H 3H 3H |
| 057 | HIFI LOA 6B MS . 1RTN | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 1 | TP4SS-38 | HHLOU | 44 | 111200 P012 | 047 | 3H 3H 3H |
| 046 | HIFI LOA 6B MS . 2 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 2 | TP4SS-38 | HHLOU | 44 | 111200 P012 | 013 | 3H 3H 3H |
| 047 | HIFI LOA 6B MS . 2RTN | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 2 | TP4SS-38 | HHLOU | 44 | 111200 P012 | 046 | 3H 3H 3H |
| 034 | HIFI LOA 6B MS . 3 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 3 | TP4SS-38 | HHLOU | 44 | 111200 P012 | 012 | 3H 3H 3H |
| 033 | HIFI LOA 6B MS . 3RTN | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 3 | TP4SS-38 | HHLOU | 44 | 111200 P012 | 029 | 3H 3H 3H |
| 035 | HIFI LOA 6B MS . 4 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 4 | TP4SS-38 | HHLOU | 44 | 111200 P012 | 028 | 3H 3H 3H |
| 024 | HIFI LOA 6B MS . 4RTN | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | 4 | TP4SS-38 | HHLOU | 44 | 111200 P012 | 045 | 3H 3H 3H |
| 069 | HIFI LOA 6B MS . SHD60 | | HL3.- | - | H616 | X11SS-38 | 60 | 616-0 | | CS-616-0 | HHLOU | 44 | 111200 P012 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 6B MS . 5 | | HL3.- | - | H616 | X11SS-38 | 65 | 616-5 | | 021SS-38 | HHLOU | 44 | 111200 P012 | 011 | 3H 3H 3H |
| 014 | HIFI LOA 6B MS . 5RTN | | HL3.- | - | H616 | X11SS-38 | 65 | 616-5 | | 021SS-38 | HHLOU | 44 | 111200 P012 | 044 | 3H 3H 3H |
| 069 | HIFI LOA 6B MS . SHD65 | | HL3.- | - | H616 | X11SS-38 | 65 | 616-5 | | CS-616-5 | HHLOU | 44 | 111200 P012 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 022 | HIFI LOA 6B M . 1 | | HL7.- | - | H617 | 021BS-38 | 71 | 617-1 | | | HHLOU | 44 | 111200 P012 | 014 | 3H 3H 3H |
| 032 | HIFI LOA 6B M . 1RTN | | HL7.- | - | H617 | 021BS-38 | 71 | 617-1 | | | HHLOU | 44 | 111200 P012 | 031 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD71 | | HL7.- | - | H617 | 021BS-38 | 71 | 617-1 | | CS-617-5 | HHLOU | 44 | 111200 P012 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 021 | HIFI LOA 6B M . 2 | | HL7.- | - | H617 | 021BS-38 | 72 | 617-2 | | | HHLOU | 44 | 111200 P012 | 015 | 3H 3H 3H |
| 013 | HIFI LOA 6B M . 2RTN | | HL7.- | - | H617 | 021BS-38 | 72 | 617-2 | | | HHLOU | 44 | 111200 P012 | 048 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD72 | | HL7.- | - | H617 | 021BS-38 | 72 | 617-2 | | CS-617-2 | HHLOU | 44 | 111200 P012 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 6B M . 3 | | HL7.- | - | H617 | 021BS-38 | 73 | 617-3 | | | HHLOU | 44 | 111200 P012 | 016 | 3H 3H 3H |
| 007 | HIFI LOA 6B M . 3RTN | | HL7.- | - | H617 | 021BS-38 | 73 | 617-3 | | | HHLOU | 44 | 111200 P012 | 032 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD73 | | HL7.- | - | H617 | 021BS-38 | 73 | 617-3 | | CS-617-3 | HHLOU | 44 | 111200 P012 | 027 | 3H 3H 3H |

Pin Allocation List (Harness)

Connector: 311300 J003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 33

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 6B M . 4 | | HL7.- | - | H617 | 021BS-38 | 74 | 617-4 | | | HHLOU | 44 | 111200 P012 | 033 | 3H 3H 3H |
| 005 | HIFI LOA 6B M . 4RTN | | HL7.- | - | H617 | 021BS-38 | 74 | 617-4 | | | HHLOU | 44 | 111200 P012 | 049 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD74 | | HL7.- | - | H617 | 021BS-38 | 74 | 617-4 | CS-617-3 | | HHLOU | 44 | 111200 P012 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 020 | HIFI LOA 6B M . 5 | | HL7.- | - | H617 | 021BS-38 | 75 | 617-5 | | | HHLOU | 44 | 111200 P012 | 017 | 3H 3H 3H |
| 011 | HIFI LOA 6B M . 5RTN | | HL7.- | - | H617 | 021BS-38 | 75 | 617-5 | | | HHLOU | 44 | 111200 P012 | 050 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD75 | | HL7.- | - | H617 | 021BS-38 | 75 | 617-5 | CS-617-5 | | HHLOU | 44 | 111200 P012 | 027 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 019 | HIFI LOA HEAT R . SIG | | HLH.- | - | H702 | TS2CM-28 | 25 | | | | HHLOU | 44 | 111200 P016 | 001 | 3H 3H 3H |
| 018 | HIFI LOA HEAT R . RTN | | HLH.- | - | H702 | TS2CM-28 | 25 | | | | HHLOU | 44 | 111200 P016 | 009 | 3H 3H 3H |
| 010 | HIFI LOA HEAT R . SHD25 | | HLH.- | - | H702 | TS2CM-28 | 25 | | CS-H702 | | HHLOU | 44 | 111200 P016 | CH | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | R |
| - | | | | | | | | | | | | | | | R |
| - | 19 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;036 ;048 ;050 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;099 ;105 ;106 ;108 ;115 | | | | | | |

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Pin Allocation List

(Harness)

Connector: 211121 P021
Item: CVVUCR

Function / Bundle: HIFI COAX SIH-XH-21 - SIH-XH-24

Conn.-Type: TBD
Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| A1C | HIFI IF1 - H . SIG | | HIF.- | - | H093 | CX1----- | 1 | | | Semi ri coax 50Ohm | HHSVMCB3 | 26 | 311300 J007 | A1C | 1H 1H 1H |
| A1S | HIFI IF1 - H . SHD | | HIF.- | - | H093 | CX1----- | 1 | | | CS-H093 | HHSVMCB3 | 26 | 311300 J007 | A1S | 1H 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| B1C | HIFI IF2 - H . SIG | | HIF.- | - | H094 | CX1----- | 2 | | | Semi ri coax 50Ohm | HHSVMCB3 | 26 | 311300 J008 | B1C | 1H 1H |
| B1S | HIFI IF2 - H . SHD | | HIF.- | - | H094 | CX1----- | 2 | | | CS-H094 | HHSVMCB3 | 26 | 311300 J008 | B1S | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| C1C | HIFI IF1 - V . SIG | | HIF.- | - | H095 | CX1----- | 3 | | | Semi ri coax 50Ohm | HHSVMCB3 | 26 | 311300 J009 | C1C | 1H 1H |
| C1S | HIFI IF1 - V . SHD | | HIF.- | - | H095 | CX1----- | 3 | | | CS-H095 | HHSVMCB3 | 26 | 311300 J009 | C1S | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| D1C | HIFI IF2 - V . SIG | | HIF.- | - | H096 | CX1----- | 4 | | | Semi ri coax 50Ohm | HHSVMCB3 | 26 | 311300 J010 | D1C | 1H 1H |
| D1S | HIFI IF2 - V . SHD | | HIF.- | - | H096 | CX1----- | 4 | | | CS-H096 | HHSVMCB3 | 26 | 311300 J010 | D1S | 1H 1H |

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Pin Allocation List

(Harness)

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Connector: 311300 J007**Function / Bundle:** HIFI SVM CB3 Coax SIH-XH-21**Conn.-Type:** Coax Male (50Ohm)**Item:** HHSVMCB3**Backshell:** TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| A1C | HIFI IF1 - H . SIG | | HIF.- | - | H093 | CX1----- | 1 | | | Semi ri coax 50Ohm | CVVUCR | 33 | 211121 P021 | A1C | 1H 1H 1H |
| A1S | HIFI IF1 - H . SHD | | HIF.- | - | H093 | CX1----- | 1 | | | CS-H093 | CVVUCR | 33 | 211121 P021 | A1S | 1H 1H 1H |

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Connector: 311300 J008**Function / Bundle:** HIFI SVM CB3 Coax SIH-XH-22**Conn.-Type:** Coax Male (50Ohm)**Item:** HHSVMCB3**Backshell:** TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| B1C | HIFI IF2 - H . SIG | | HIF.- | - | H094 | CX1----- | 1 | | | | CVVUCR | 33 | 211121 P021 | B1C | 1H | 1H |
| B1S | HIFI IF2 - H . SHD | | HIF.- | - | H094 | CX1----- | 1 | | | | CVVUCR | 33 | 211121 P021 | B1S | 1H | 1H |

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Connector: 311300 J009
Item: HHSVMCB3

Function / Bundle: HIFI SVM CB3 Coax SIH-XH-23

Conn.-Type: Coax Male (50Ohm)
Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| C1C | HIFI IF1 - V . SIG | | HIF.- | - | H095 | CX1----- | 1 | | | | CVWUCR | 33 | 211121 P021 | C1C | 1H | 1H |
| C1S | HIFI IF1 - V . SHD | | HIF.- | - | H095 | CX1----- | 1 | | CS-H095 | | CVWUCR | 33 | 211121 P021 | C1S | 1H | 1H |

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Pin Allocation List (Harness)

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Connector: 311300 J010
Item: HHSVMCB3

Function / Bundle: HIFI SVM CB3 Coax SIH-XH-24

Conn.-Type: Coax Male (50Ohm)
Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| D1C | HIFI IF2 - V . SIG | | HIF.- | - | H096 | CX1----- | 1 | | | | CVWUCR | 33 | 211121 P021 | D1C | 1H | 1H |
| D1S | HIFI IF2 - V . SHD | | HIF.- | - | H096 | CX1----- | 1 | | CS-H096 | | CVWUCR | 33 | 211121 P021 | D1S | 1H | 1H |

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Project: HERSCHEL

Pin Allocation List (Harness)

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Pin Allocation List

(Harness)

Connector: 311100 P003
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 096 | HIFI MX1-H . B | | HMX.S - | | H001 | TS5CC-28 | 1 | | | | HHFCU | 16 | 112300 P011 | 032 | 1H |
| 088 | HIFI MX1-H . BRTN | | HMX.S - | | H001 | TS5CC-28 | 1 | | | | HHFCU | 16 | 112300 P011 | 003 | 1H 1H |
| 097 | HIFI MX1-H . VM | | HMX.S - | | H001 | TS5CC-28 | 1 | | | | HHFCU | 16 | 112300 P011 | 002 | 1H |
| 089 | HIFI MX1-H . VMRTN | | HMX.S - | | H001 | TS5CC-28 | 1 | | | | HHFCU | 16 | 112300 P011 | 018 | 1H 1H |
| 090 | HIFI MX1-H . IM | | HMX.S - | | H001 | TS5CC-28 | 1 | | | | HHFCU | 16 | 112300 P011 | 033 | 1H |
| 095 | HIFI MX1-H . SHD01 | | HMX.S - | | H001 | TS5CC-28 | 1 | | CS-H001 | | HHFCU | 16 | 112300 P011 | 001 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 091 | HIFI MX2-H . B | | HMX.S - | | H002 | TS5CC-28 | 2 | | | | HHFCU | 16 | 112300 P011 | 019 | 1H |
| 092 | HIFI MX2-H . BRTN | | HMX.S - | | H002 | TS5CC-28 | 2 | | | | HHFCU | 16 | 112300 P011 | 035 | 1H |
| 099 | HIFI MX2-H . VM | | HMX.S - | | H002 | TS5CC-28 | 2 | | | | HHFCU | 16 | 112300 P011 | 034 | 1H 1H |
| 093 | HIFI MX2-H . VMRTN | | HMX.S - | | H002 | TS5CC-28 | 2 | | | | HHFCU | 16 | 112300 P011 | 004 | 1H |
| 100 | HIFI MX2-H . IM | | HMX.S - | | H002 | TS5CC-28 | 2 | | | | HHFCU | 16 | 112300 P011 | 020 | 1H 1H |
| 098 | HIFI MX2-H . SHD02 | | HMX.S - | | H002 | TS5CC-28 | 2 | | CS-H002 | | HHFCU | 16 | 112300 P011 | 017 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 069 | HIFI MX3-H . B | | HMX.S - | | H003 | TS5CC-28 | 3 | | | | HHFCU | 16 | 112300 P011 | 005 | 1H |
| 068 | HIFI MX3-H . BRTN | | HMX.S - | | H003 | TS5CC-28 | 3 | | | | HHFCU | 16 | 112300 P011 | 022 | 1H 1H |
| 070 | HIFI MX3-H . VM | | HMX.S - | | H003 | TS5CC-28 | 3 | | | | HHFCU | 16 | 112300 P011 | 021 | 1H |
| 078 | HIFI MX3-H . VMRTN | | HMX.S - | | H003 | TS5CC-28 | 3 | | | | HHFCU | 16 | 112300 P011 | 036 | 1H 1H |
| 079 | HIFI MX3-H . IM | | HMX.S - | | H003 | TS5CC-28 | 3 | | | | HHFCU | 16 | 112300 P011 | 006 | 1H |
| 087 | HIFI MX3-H . SHD03 | | HMX.S - | | H003 | TS5CC-28 | 3 | | CS-H003 | | HHFCU | 16 | 112300 P011 | 031 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 081 | HIFI MX4-H . B | | HMX.S - | | H004 | TS5CC-28 | 4 | | | | HHFCU | 16 | 112300 P011 | 037 | 1H |
| 080 | HIFI MX4-H . BRTN | | HMX.S - | | H004 | TS5CC-28 | 4 | | | | HHFCU | 16 | 112300 P011 | 008 | 1H 1H |
| 072 | HIFI MX4-H . VM | | HMX.S - | | H004 | TS5CC-28 | 4 | | | | HHFCU | 16 | 112300 P011 | 007 | 1H |
| 082 | HIFI MX4-H . VMRTN | | HMX.S - | | H004 | TS5CC-28 | 4 | | | | HHFCU | 16 | 112300 P011 | 023 | 1H 1H |
| 073 | HIFI MX4-H . IM | | HMX.S - | | H004 | TS5CC-28 | 4 | | | | HHFCU | 16 | 112300 P011 | 038 | 1H |
| 071 | HIFI MX4-H . SHD04 | | HMX.S - | | H004 | TS5CC-28 | 4 | | CS-H004 | | HHFCU | 16 | 112300 P011 | 014 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 076 | HIFI MX5-H . B | | HMX.S - | | H005 | TS5CC-28 | 5 | | | | HHFCU | 16 | 112300 P011 | 024 | 1H |
| 075 | HIFI MX5-H . BRTN | | HMX.S - | | H005 | TS5CC-28 | 5 | | | | HHFCU | 16 | 112300 P011 | 040 | 1H 1H |
| 084 | HIFI MX5-H . VM | | HMX.S - | | H005 | TS5CC-28 | 5 | | | | HHFCU | 16 | 112300 P011 | 039 | 1H |
| 074 | HIFI MX5-H . VMRTN | | HMX.S - | | H005 | TS5CC-28 | 5 | | | | HHFCU | 16 | 112300 P011 | 009 | 1H 1H |
| 085 | HIFI MX5-H . IM | | HMX.S - | | H005 | TS5CC-28 | 5 | | | | HHFCU | 16 | 112300 P011 | 025 | 1H |
| 083 | HIFI MX5-H . SHD05 | | HMX.S - | | H005 | TS5CC-28 | 5 | | CS-H005 | | HHFCU | 16 | 112300 P011 | 044 | 1H 1H |

Pin Allocation List

(Harness)

Connector: 311100 P003
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | |
| 054 | HIFI MX6-H . B | | HMX.S - | | H006 | TS5CC-28 | 6 | | | | HHFCU | 16 | 112300 P011 | 010 | X 1H |
| 065 | HIFI MX6-H . BRTN | | HMX.S - | | H006 | TS5CC-28 | 6 | | | | HHFCU | 16 | 112300 P011 | 027 | 1H X 1H |
| 055 | HIFI MX6-H . VM | | HMX.S - | | H006 | TS5CC-28 | 6 | | | | HHFCU | 16 | 112300 P011 | 026 | X 1H |
| 066 | HIFI MX6-H . VMRTN | | HMX.S - | | H006 | TS5CC-28 | 6 | | | | HHFCU | 16 | 112300 P011 | 041 | 1H X 1H |
| 064 | HIFI MX6-H . IM | | HMX.S - | | H006 | TS5CC-28 | 6 | | | | HHFCU | 16 | 112300 P011 | 011 | X 1H |
| 053 | HIFI MX6-H . SHD06 | | HMX.S - | | H006 | TS5CC-28 | 6 | | | CS-H006 | HHFCU | 16 | 112300 P011 | 029 | 1H X 1H |
| - | | | | | | | | | | | | | | | |
| 051 | HIFI MX7-H . B | | HMX.S - | | H007 | TS5CC-28 | 7 | | | | HHFCU | 16 | 112300 P011 | 042 | 1H |
| 062 | HIFI MX7-H . BRTN | | HMX.S - | | H007 | TS5CC-28 | 7 | | | | HHFCU | 16 | 112300 P011 | 013 | 1H 1H |
| 052 | HIFI MX7-H . VM | | HMX.S - | | H007 | TS5CC-28 | 7 | | | | HHFCU | 16 | 112300 P011 | 012 | 1H |
| 063 | HIFI MX7-H . VMRTN | | HMX.S - | | H007 | TS5CC-28 | 7 | | | | HHFCU | 16 | 112300 P011 | 028 | 1H 1H |
| 061 | HIFI MX7-H . IM | | HMX.S - | | H007 | TS5CC-28 | 7 | | | | HHFCU | 16 | 112300 P011 | 043 | 1H |
| 050 | HIFI MX7-H . SHD07 | | HMX.S - | | H007 | TS5CC-28 | 7 | | | CS-H007 | HHFCU | 16 | 112300 P011 | 030 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 048 | HIFI FIF1 D -H . D1 | | H1D.S - | | H025 | TS5CC-28 | 8 | HX08 | | | HHFCU | 16 | 112300 P014 | 017 | 1H 1H |
| 034 | HIFI FIF2 D -H . D1 | | H1D.S - | | H027 | TS5CC-28 | 8 | HX08 | | | HHFCU | 16 | 112300 P014 | 002 | 1H 1H |
| 030 | HIFI FIF3 D -H . D1 | | H1D.U - | | H029 | TS5CC-28 | 8 | HX08 | | | HHFCU | 16 | 112300 P014 | 033 | 1H 1H |
| 059 | HIFI FIF1 D -H . TST | | H1D.S - | | H025 | TS5CC-28 | 8 | HX08 | | | HHFCU | 16 | 112300 P014 | 003 | 1H 1H |
| 044 | HIFI FIF2 D -H . DRTN | | H1D.S - | | H027 | TS5CC-28 | 8 | HX08 | | | HHFCU | 16 | 112300 P014 | 018 | 1H 1H |
| 022 | HIFI FIF4 D -H . SHX08 | | H1D.U - | | H031 | TS5CC-28 | 8 | | | CS-HX08 | HHFCU | 16 | 112300 P014 | 001 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 014 | HIFI FIF4 D -H . D1 | | H1D.U - | | H031 | TS5CC-28 | 9 | HX09 | | | HHFCU | 16 | 112300 P014 | 019 | 1H 1H |
| 017 | HIFI FIF5 D -H . D1 | | H1D.U - | | H033 | TS5CC-28 | 9 | HX09 | | | HHFCU | 16 | 112300 P014 | 004 | 1H 1H |
| 001 | HIFI FIF6 D -H . D1 | | H1D.U - | | H035 | TS5CC-28 | 9 | HX09 | | | HHFCU | 16 | 112300 P014 | 035 | 1H 1H |
| 056 | HIFI FIF7 D -H . D1 | | H1D.U - | | H037 | TS5CC-28 | 9 | HX09 | | | HHFCU | 16 | 112300 P014 | 021 | 1H 1H |
| 060 | HIFI FIF1 D -H . DRTN | | H1D.S - | | H025 | TS5CC-28 | 9 | HX09 | | | HHFCU | 16 | 112300 P014 | 005 | 1H 1H |
| 029 | HIFI FIF3 D -H . SHX09 | | H1D.U - | | H029 | TS5CC-28 | 9 | | | CS-HX09 | HHFCU | 16 | 112300 P014 | 036 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 040 | HIFI FIF3 D -H . DRTN | | H1D.U - | | H029 | TS5CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P014 | 025 | 1H 1H |
| 049 | HIFI FIF1 D -H . D2 | | H1D.S - | | H025 | TS5CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P014 | 038 | 1H 1H |
| 045 | HIFI FIF2 D -H . D2 | | H1D.S - | | H027 | TS5CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P014 | 024 | 1H 1H |
| 041 | HIFI FIF3 D -H . D2 | | H1D.U - | | H029 | TS5CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P014 | 009 | 1H 1H |
| 015 | HIFI FIF4 D -H . D2 | | H1D.U - | | H031 | TS5CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P014 | 040 | 1H 1H |

Pin Allocation List

(Harness)

Connector: 311100 P003
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------------------|----------------|---------|------|--------|----------|-----|-------|-------|------------------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 058 | HIFI FIF1 D -H . SHX10 | | H1D.S - | | H025 | TS5CC-28 | 10 | | | CS-HX10 | HHFCU | 16 | 112300 P014 | 008 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 024 | HIFI FIF4 D -H . DRTN | | H1D.U - | | H031 | TS5CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P014 | 027 | 1H | 1H |
| 037 | HIFI FIF5 D -H . D2 | | H1D.U - | | H033 | TS5CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P014 | 026 | 1H | 1H |
| 002 | HIFI FIF6 D -H . D2 | | H1D.U - | | H035 | TS5CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P014 | 011 | 1H | 1H |
| 057 | HIFI FIF7 D -H . D2 | | H1D.U - | | H037 | TS5CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P014 | 042 | 1H | 1H |
| 023 | HIFI FIF4 D -H . TST | | H1D.U - | | H031 | TS5CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P014 | 010 | 1H | 1H |
| 009 | HIFI FIF5 D -H . SHX11 | | H1D.U - | | H033 | TS5CC-28 | 11 | | | CS-HX11 | HHFCU | 16 | 112300 P014 | 012 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 035 | HIFI FIF1 G -H . G1 | | H1G.S - | | H026 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P014 | 006 | 1H | 1H |
| 042 | HIFI FIF2 G -H . G1 | | H1G.S - | | H028 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P014 | 022 | 1H | 1H |
| 036 | HIFI FIF1 G -H . GRTN | | H1G.S - | | H026 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P014 | 007 | 1H | 1H |
| 021 | HIFI FIF4 G -H . GRTN | | H1G.V - | | H032 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P014 | 037 | 1H | 1H |
| 027 | HIFI FIF3 G -H . SHX12 | | H1G.V - | | H030 | TS4CC-28 | 12 | | | CS-HX12 | HHFCU | 16 | 112300 P014 | 023 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 025 | HIFI FIF1 G -H . G2 | | H1G.S - | | H026 | TS4CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P014 | 028 | 1H | 1H |
| 043 | HIFI FIF2 G -H . G2 | | H1G.S - | | H028 | TS4CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P014 | 043 | 1H | 1H |
| 032 | HIFI FIF2 G -H . GRTN | | H1G.S - | | H028 | TS4CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P014 | 013 | 1H | 1H |
| 038 | HIFI FIF3 G -H . GRTN | | H1G.V - | | H030 | TS4CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P014 | 029 | 1H | 1H |
| 018 | HIFI FIF5 G -H . SHX13 | | H1G.V - | | H034 | TS4CC-28 | 13 | | | CS-HX13 | HHFCU | 16 | 112300 P014 | 014 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 016 | Interconnection Star Pin . SHD | | - | | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 022 | to be con to Pin 016 . SHX08 | | - | | | | | | | HX08 | | | | | | 1H |
| 029 | to be con to Pin 016 . SHX09 | | - | | | | | | | HX09 | | | | | | 1H |
| 058 | to be con to Pin 016 . SHX10 | | - | | | | | | | HX10 | | | | | | 1H |
| 009 | to be con to Pin 016 . SHX11 | | - | | | | | | | HX11 | | | | | | 1H |
| 027 | to be con to Pin 016 . SHX12 | | - | | | | | | | HX12 | | | | | | 1H |
| 018 | to be con to Pin 016 . SHX13 | | - | | | | | | | HX13 | | | | | | 1H |
| 031 | to be con to Pin 016 . SHD | | - | | | | | | | | | | | | | 1H |
| 033 | to be con to Pin 016 . SHD | | - | | | | | | | | | | | | | 1H |
| 020 | to be con to Pin 016 . SHD | | - | | | | | | | | | | | | | 1H |
| 007 | to be con to Pin 016 . SHD | | - | | | | | | | | | | | | | 1H |
| 008 | to be con to Pin 016 . SHD | | - | | | | | | | | | | | | | 1H |
| 047 | to be con to Pin 016 . SHD | | - | | | | | | | | | | | | | 1H |

Pin Allocation List

(Harness)

Connector: 311100 P003
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|---------------------------------|----------------|--------|------|--------|--------|-----|-------|------------------------------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 067 | to be con to Pin 016 . SHD | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| 003 | Interconnection Star Pin . DRTN | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 044 | to be con to Pin 003 . DRTN | | - | | | | | | HX08 | | | | | | 1H |
| 060 | to be con to Pin 003 . DRTN | | - | | | | | | HX09 | | | | | | 1H |
| 040 | to be con to Pin 003 . DRTN | | - | | | | | | HX10 | | | | | | 1H |
| 024 | to be con to Pin 003 . DRTN | | - | | | | | | HX11 | | | | | | 1H |
| 026 | to be con to Pin 003 . DRTN | | - | | | | | | | | | | | | 1H |
| 046 | to be con to Pin 003 . DRTN | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | |
| 077 | Interconnection Star Pin . G1 | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 035 | to be con to Pin 077 . G1 | | - | | | | | | HX12 | | | | | | 1H |
| 042 | to be con to Pin 077 . G1 | | - | | | | | | HX12 | | | | | | 1H |
| 028 | to be con to Pin 077 . G1 | | - | | | | | | | | | | | | 1H |
| 012 | to be con to Pin 077 . G1 | | - | | | | | | | | | | | | 1H |
| 010 | to be con to Pin 077 . G1 | | - | | | | | | | | | | | | 1H |
| 004 | to be con to Pin 077 . G1 | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | |
| 005 | Interconnection Star Pin . G2 | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 025 | to be con to Pin 005 . G2 | | - | | | | | | HX13 | | | | | | 1H |
| 043 | to be con to Pin 005 . G2 | | - | | | | | | HX13 | | | | | | 1H |
| 039 | to be con to Pin 005 . G2 | | - | | | | | | | | | | | | 1H |
| 013 | to be con to Pin 005 . G2 | | - | | | | | | | | | | | | 1H |
| 019 | to be con to Pin 005 . G2 | | - | | | | | | | | | | | | 1H |
| 086 | to be con to Pin 005 . G2 | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | |
| 006 | Interconnection Star Pin . GRTN | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 032 | to be con to Pin 006 . GRTN | | - | | | | | | HX13 | | | | | | 1H |
| 038 | to be con to Pin 006 . GRTN | | - | | | | | | HX13 | | | | | | 1H |
| 036 | to be con to Pin 006 . GRTN | | - | | | | | | HX12 | | | | | | 1H |
| 021 | to be con to Pin 006 . GRTN | | - | | | | | | HX12 | | | | | | 1H |
| 011 | to be con to Pin 006 . GRTN | | - | | | | | | | | | | | | 1H |
| 094 | to be con to Pin 006 . GRTN | | - | | | | | | | | | | | | 1H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 303 (of 474)

Connector: 311100 P003
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-01

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------------|----------------|--------|------|--------|--------|-----|-------|------------------------------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | |
| 095 | Interconnection Star Pin . SHD01 | | - | | | | | | Star Pin for Shield intercon | | | | | | 3H |
| 098 | to be con to pin 095 . SHD02 | | - | | | | | | CS-H002 | | | | | | 3H |
| 087 | to be con to pin 095 . SHD03 | | - | | | | | | CS-H003 | | | | | | 3H |
| 071 | to be con to pin 095 . SHD04 | | - | | | | | | CS-H004 | | | | | | 3H |
| 083 | to be con to pin 095 . SHD05 | | - | | | | | | CS-H005 | | | | | | 3H |
| 053 | to be con to pin 095 . SHD06 | | - | | | | | | CS-H006 | | | | | | 3H |
| 050 | to be con to pin 095 . SHD07 | | - | | | | | | CS-H007 | | | | | | 3H |
| - | | | | | | | | | | | | | | | 3H |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List
(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1

Date : 16.12.2005

Sheet : 304 (of 474)

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Pin Allocation List

(Harness)

Connector: 112300 P011
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-01

Conn.-Type: SCC340100202BDBMA44SNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 032 | HIFI MX1-H . B | HMX | HMX.S | - | H001 | TS5CC-28 | 1 | | | | HHSVMCB1 | 25 | 311100 P003 | 096 | 1H |
| 003 | HIFI MX1-H . BRTN | HMX | HMX.S | - | H001 | TS5CC-28 | 1 | | | | HHSVMCB1 | 25 | 311100 P003 | 088 | 1H 1H |
| 002 | HIFI MX1-H . VM | HMX | HMX.S | - | H001 | TS5CC-28 | 1 | | | | HHSVMCB1 | 25 | 311100 P003 | 097 | 1H |
| 018 | HIFI MX1-H . VMRTN | HMX | HMX.S | - | H001 | TS5CC-28 | 1 | | | | HHSVMCB1 | 25 | 311100 P003 | 089 | 1H 1H |
| 033 | HIFI MX1-H . IM | HMX | HMX.S | - | H001 | TS5CC-28 | 1 | | | | HHSVMCB1 | 25 | 311100 P003 | 090 | 1H |
| 001 | HIFI MX1-H . SHD01 | | HMX.S | - | H001 | TS5CC-28 | 1 | | CS-H001 | | HHSVMCB1 | 25 | 311100 P003 | 095 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 019 | HIFI MX2-H . B | HMX | HMX.S | - | H002 | TS5CC-28 | 2 | | | | HHSVMCB1 | 25 | 311100 P003 | 091 | 1H |
| 035 | HIFI MX2-H . BRTN | HMX | HMX.S | - | H002 | TS5CC-28 | 2 | | | | HHSVMCB1 | 25 | 311100 P003 | 092 | 1H |
| 034 | HIFI MX2-H . VM | HMX | HMX.S | - | H002 | TS5CC-28 | 2 | | | | HHSVMCB1 | 25 | 311100 P003 | 099 | 1H 1H |
| 004 | HIFI MX2-H . VMRTN | HMX | HMX.S | - | H002 | TS5CC-28 | 2 | | | | HHSVMCB1 | 25 | 311100 P003 | 093 | 1H |
| 020 | HIFI MX2-H . IM | HMX | HMX.S | - | H002 | TS5CC-28 | 2 | | | | HHSVMCB1 | 25 | 311100 P003 | 100 | 1H 1H |
| 017 | HIFI MX2-H . SHD02 | | HMX.S | - | H002 | TS5CC-28 | 2 | | CS-H002 | | HHSVMCB1 | 25 | 311100 P003 | 098 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 005 | HIFI MX3-H . B | HMX | HMX.S | - | H003 | TS5CC-28 | 3 | | | | HHSVMCB1 | 25 | 311100 P003 | 069 | 1H |
| 022 | HIFI MX3-H . BRTN | HMX | HMX.S | - | H003 | TS5CC-28 | 3 | | | | HHSVMCB1 | 25 | 311100 P003 | 068 | 1H 1H |
| 021 | HIFI MX3-H . VM | HMX | HMX.S | - | H003 | TS5CC-28 | 3 | | | | HHSVMCB1 | 25 | 311100 P003 | 070 | 1H |
| 036 | HIFI MX3-H . VMRTN | HMX | HMX.S | - | H003 | TS5CC-28 | 3 | | | | HHSVMCB1 | 25 | 311100 P003 | 078 | 1H 1H |
| 006 | HIFI MX3-H . IM | HMX | HMX.S | - | H003 | TS5CC-28 | 3 | | | | HHSVMCB1 | 25 | 311100 P003 | 079 | 1H |
| 031 | HIFI MX3-H . SHD03 | | HMX.S | - | H003 | TS5CC-28 | 3 | | CS-H003 | | HHSVMCB1 | 25 | 311100 P003 | 087 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 037 | HIFI MX4-H . B | HMX | HMX.S | - | H004 | TS5CC-28 | 4 | | | | HHSVMCB1 | 25 | 311100 P003 | 081 | 1H |
| 008 | HIFI MX4-H . BRTN | HMX | HMX.S | - | H004 | TS5CC-28 | 4 | | | | HHSVMCB1 | 25 | 311100 P003 | 080 | 1H 1H |
| 007 | HIFI MX4-H . VM | HMX | HMX.S | - | H004 | TS5CC-28 | 4 | | | | HHSVMCB1 | 25 | 311100 P003 | 072 | 1H |
| 023 | HIFI MX4-H . VMRTN | HMX | HMX.S | - | H004 | TS5CC-28 | 4 | | | | HHSVMCB1 | 25 | 311100 P003 | 082 | 1H 1H |
| 038 | HIFI MX4-H . IM | HMX | HMX.S | - | H004 | TS5CC-28 | 4 | | | | HHSVMCB1 | 25 | 311100 P003 | 073 | 1H |
| 014 | HIFI MX4-H . SHD04 | | HMX.S | - | H004 | TS5CC-28 | 4 | | CS-H004 | | HHSVMCB1 | 25 | 311100 P003 | 071 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 024 | HIFI MX5-H . B | HMX | HMX.S | - | H005 | TS5CC-28 | 5 | | | | HHSVMCB1 | 25 | 311100 P003 | 076 | 1H |
| 040 | HIFI MX5-H . BRTN | HMX | HMX.S | - | H005 | TS5CC-28 | 5 | | | | HHSVMCB1 | 25 | 311100 P003 | 075 | 1H 1H |
| 039 | HIFI MX5-H . VM | HMX | HMX.S | - | H005 | TS5CC-28 | 5 | | | | HHSVMCB1 | 25 | 311100 P003 | 084 | 1H |
| 009 | HIFI MX5-H . VMRTN | HMX | HMX.S | - | H005 | TS5CC-28 | 5 | | | | HHSVMCB1 | 25 | 311100 P003 | 074 | 1H 1H |
| 025 | HIFI MX5-H . IM | HMX | HMX.S | - | H005 | TS5CC-28 | 5 | | | | HHSVMCB1 | 25 | 311100 P003 | 085 | 1H |
| 044 | HIFI MX5-H . SHD05 | | HMX.S | - | H005 | TS5CC-28 | 5 | | CS-H005 | | HHSVMCB1 | 25 | 311100 P003 | 083 | 1H 1H |

Pin Allocation List

(Harness)

Connector: 112300 P011
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-01

Conn.-Type: SCC340100202BDBMA44SNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI MX6-H . B | HMX | HMX.S | - | H006 | TS5CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P003 | 054 | 1H X |
| 027 | HIFI MX6-H . BRTN | HMX | HMX.S | - | H006 | TS5CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P003 | 065 | 1H X 1H |
| 026 | HIFI MX6-H . VM | HMX | HMX.S | - | H006 | TS5CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P003 | 055 | 1H X |
| 041 | HIFI MX6-H . VMRTN | HMX | HMX.S | - | H006 | TS5CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P003 | 066 | 1H X 1H |
| 011 | HIFI MX6-H . IM | HMX | HMX.S | - | H006 | TS5CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P003 | 064 | 1H X |
| 029 | HIFI MX6-H . SHD06 | | HMX.S | - | H006 | TS5CC-28 | 6 | | CS-H006 | | HHSVMCB1 | 25 | 311100 P003 | 053 | 1H X 1H |
| - | | | | | | | | | | | | | | | |
| 042 | HIFI MX7-H . B | HMX | HMX.S | - | H007 | TS5CC-28 | 7 | | | | HHSVMCB1 | 25 | 311100 P003 | 051 | 1H |
| 013 | HIFI MX7-H . BRTN | HMX | HMX.S | - | H007 | TS5CC-28 | 7 | | | | HHSVMCB1 | 25 | 311100 P003 | 062 | 1H 1H |
| 012 | HIFI MX7-H . VM | HMX | HMX.S | - | H007 | TS5CC-28 | 7 | | | | HHSVMCB1 | 25 | 311100 P003 | 052 | 1H |
| 028 | HIFI MX7-H . VMRTN | HMX | HMX.S | - | H007 | TS5CC-28 | 7 | | | | HHSVMCB1 | 25 | 311100 P003 | 063 | 1H 1H |
| 043 | HIFI MX7-H . IM | HMX | HMX.S | - | H007 | TS5CC-28 | 7 | | | | HHSVMCB1 | 25 | 311100 P003 | 061 | 1H |
| 030 | HIFI MX7-H . SHD07 | | HMX.S | - | H007 | TS5CC-28 | 7 | | CS-H007 | | HHSVMCB1 | 25 | 311100 P003 | 050 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| 015 | NC | | | | | | | | | | | | | | |
| 016 | NC | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 112300 P014
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-01

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|----------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 017 | HIFI FIF1 D -H . D1 | H1D | H1D.S | - | H025 | TS5CC-28 | 8 | HX08 | | HHSVMCB1 | 25 | 311100 P003 | 048 | 1H | 1H | |
| 002 | HIFI FIF2 D -H . D1 | H1D | H1D.S | - | H027 | TS5CC-28 | 8 | HX08 | | HHSVMCB1 | 25 | 311100 P003 | 034 | 1H | 1H | |
| 033 | HIFI FIF3 D -H . D1 | H1D | H1D.U | - | H029 | TS5CC-28 | 8 | HX08 | | HHSVMCB1 | 25 | 311100 P003 | 030 | 1H | 1H | |
| 003 | HIFI FIF1 D -H . TST | H1D | H1D.S | - | H025 | TS5CC-28 | 8 | HX08 | | HHSVMCB1 | 25 | 311100 P003 | 059 | 1H | 1H | |
| 018 | HIFI FIF2 D -H . DRTN | H1D | H1D.S | - | H027 | TS5CC-28 | 8 | HX08 | | HHSVMCB1 | 25 | 311100 P003 | 044 | 1H | 1H | |
| 001 | HIFI FIF4 D -H . SHX08 | | H1D.U | - | H031 | TS5CC-28 | 8 | | CS-HX08 | HHSVMCB1 | 25 | 311100 P003 | 022 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 019 | HIFI FIF4 D -H . D1 | H1D | H1D.U | - | H031 | TS5CC-28 | 9 | HX09 | | HHSVMCB1 | 25 | 311100 P003 | 014 | 1H | 1H | |
| 004 | HIFI FIF5 D -H . D1 | H1D | H1D.U | - | H033 | TS5CC-28 | 9 | HX09 | | HHSVMCB1 | 25 | 311100 P003 | 017 | 1H | 1H | |
| 035 | HIFI FIF6 D -H . D1 | H1D | H1D.U | - | H035 | TS5CC-28 | 9 | HX09 | | HHSVMCB1 | 25 | 311100 P003 | 001 | 1H | 1H | |
| 021 | HIFI FIF7 D -H . D1 | H1D | H1D.U | - | H037 | TS5CC-28 | 9 | HX09 | | HHSVMCB1 | 25 | 311100 P003 | 056 | 1H | 1H | |
| 005 | HIFI FIF1 D -H . DRTN | H1D | H1D.S | - | H025 | TS5CC-28 | 9 | HX09 | | HHSVMCB1 | 25 | 311100 P003 | 060 | 1H | 1H | |
| 036 | HIFI FIF3 D -H . SHX09 | | H1D.U | - | H029 | TS5CC-28 | 9 | | CS-HX09 | HHSVMCB1 | 25 | 311100 P003 | 029 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 025 | HIFI FIF3 D -H . DRTN | H1D | H1D.U | - | H029 | TS5CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P003 | 040 | 1H | 1H | |
| 038 | HIFI FIF1 D -H . D2 | H1D | H1D.S | - | H025 | TS5CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P003 | 049 | 1H | 1H | |
| 024 | HIFI FIF2 D -H . D2 | H1D | H1D.S | - | H027 | TS5CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P003 | 045 | 1H | 1H | |
| 009 | HIFI FIF3 D -H . D2 | H1D | H1D.U | - | H029 | TS5CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P003 | 041 | 1H | 1H | |
| 040 | HIFI FIF4 D -H . D2 | H1D | H1D.U | - | H031 | TS5CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P003 | 015 | 1H | 1H | |
| 008 | HIFI FIF1 D -H . SHX10 | | H1D.S | - | H025 | TS5CC-28 | 10 | | CS-HX10 | HHSVMCB1 | 25 | 311100 P003 | 058 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 027 | HIFI FIF4 D -H . DRTN | H1D | H1D.U | - | H031 | TS5CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P003 | 024 | 1H | 1H | |
| 026 | HIFI FIF5 D -H . D2 | H1D | H1D.U | - | H033 | TS5CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P003 | 037 | 1H | 1H | |
| 011 | HIFI FIF6 D -H . D2 | H1D | H1D.U | - | H035 | TS5CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P003 | 002 | 1H | 1H | |
| 042 | HIFI FIF7 D -H . D2 | H1D | H1D.U | - | H037 | TS5CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P003 | 057 | 1H | 1H | |
| 010 | HIFI FIF4 D -H . TST | H1D | H1D.U | - | H031 | TS5CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P003 | 023 | 1H | 1H | |
| 012 | HIFI FIF5 D -H . SHX11 | | H1D.U | - | H033 | TS5CC-28 | 11 | | CS-HX11 | HHSVMCB1 | 25 | 311100 P003 | 009 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 006 | HIFI FIF1 G -H . G1 | H1G | H1G.S | - | H026 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P003 | 035 | 1H | 1H | |
| 022 | HIFI FIF2 G -H . G1 | H1G | H1G.S | - | H028 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P003 | 042 | 1H | 1H | |
| 007 | HIFI FIF1 G -H . GRTN | H1G | H1G.S | - | H026 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P003 | 036 | 1H | 1H | |
| 037 | HIFI FIF4 G -H . GRTN | H1G | H1G.V | - | H032 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P003 | 021 | 1H | 1H | |
| 023 | HIFI FIF3 G -H . SHX12 | | H1G.V | - | H030 | TS4CC-28 | 12 | | CS-HX12 | HHSVMCB1 | 25 | 311100 P003 | 027 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 308 (of 474)

Connector: 112300 P014
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-01

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|----------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 028 | HIFI FIF1 G -H . G2 | H1G | H1G.S | - | H026 | TS4CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P003 | 025 | 1H | 1H | |
| 043 | HIFI FIF2 G -H . G2 | H1G | H1G.S | - | H028 | TS4CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P003 | 043 | 1H | 1H | |
| 013 | HIFI FIF2 G -H . GRTN | H1G | H1G.S | - | H028 | TS4CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P003 | 032 | 1H | 1H | |
| 029 | HIFI FIF3 G -H . GRTN | H1G | H1G.V | - | H030 | TS4CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P003 | 038 | 1H | 1H | |
| 014 | HIFI FIF5 G -H . SHX13 | | H1G.V | - | H034 | TS4CC-28 | 13 | | CS-HX13 | HHSVMCB1 | 25 | 311100 P003 | 018 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| CH | Overall Shield | | | | | | | | Overall shield con to CH | | | | | 1H | | |
| - | | | | | | | | | | | | | | 1H | | |
| 015 | NC | | | | | | | | | | | | | | | |
| 016 | NC | | | | | | | | | | | | | | | |
| 020 | NC | | | | | | | | | | | | | | 1H | |
| 030 | NC | | | | | | | | | | | | | | | |
| 031 | NC | | | | | | | | | | | | | | | |
| 032 | NC | | | | | | | | | | | | | | | |
| 034 | NC | | | | | | | | | | | | | | | |
| 039 | NC | | | | | | | | | | | | | | | |
| 041 | NC | | | | | | | | | | | | | | | |
| 044 | NC | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 311100 P001
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-02

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 052 | HIFI SIF D1 -H . SIF1 | | H2D.S - | | H053 | TS5CC-28 | 1 | 053-1 | | HHFCU | 16 | 112300 P015 | 001 | 1H | 1H | |
| 063 | HIFI SIF D1 -H . SIF2 | | H2D.S - | | H053 | TS5CC-28 | 1 | 053-1 | | HHFCU | 16 | 112300 P015 | 044 | 1H | 1H | |
| 051 | HIFI SIF D1 -H . SIF3 | | H2D.S - | | H053 | TS5CC-28 | 1 | 053-1 | | HHFCU | 16 | 112300 P015 | 024 | 1H | 1H | |
| 066 | HIFI SIF D1 -H . SIF4 | | H2D.S - | | H053 | TS5CC-28 | 1 | 053-1 | | HHFCU | 16 | 112300 P015 | 003 | 1H | 3H | |
| 061 | HIFI SIF D1 -H . RTN1 | | H2D.S - | | H053 | TS5CC-28 | 1 | 053-1 | | HHFCU | 16 | 112300 P015 | 043 | 1H | 1H | |
| 050 | HIFI SIF D1 -H . SHD01 | | H2D.S - | | H053 | TS5CC-28 | 1 | | CS-053-1 | HHFCU | 16 | 112300 P015 | 022 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 054 | HIFI SIF D1 -H . SIF5 | | H2D.S - | | H053 | TS5CC-28 | 2 | 053-2 | | HHFCU | 16 | 112300 P015 | 046 | 1H | 1H | |
| 065 | HIFI SIF D1 -H . SIF6 | | H2D.S - | | H053 | TS5CC-28 | 2 | 053-2 | | HHFCU | 16 | 112300 P015 | 026 | 1H | 1H | |
| 055 | HIFI SIF D1 -H . SIF7 | | H2D.S - | | H053 | TS5CC-28 | 2 | 053-2 | | HHFCU | 16 | 112300 P015 | 005 | 1H | 1H | |
| 062 | HIFI SIF D1 -H . TST | | H2D.S - | | H053 | TS5CC-28 | 2 | 053-2 | | HHFCU | 16 | 112300 P015 | 023 | 1H | 3H | |
| 064 | HIFI SIF D1 -H . RTN2 | | H2D.S - | | H053 | TS5CC-28 | 2 | 053-2 | | HHFCU | 16 | 112300 P015 | 025 | 1H | 1H | |
| 053 | HIFI SIF D1 -H . SHD02 | | H2D.S - | | H053 | TS5CC-28 | 2 | | CS-053-2 | HHFCU | 16 | 112300 P015 | 047 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 059 | HIFI SIF G1 -H . GA | | H2G.S - | | H054 | TS4CC-28 | 3 | | | HHFCU | 16 | 112300 P015 | 006 | 1H | 1H | |
| 048 | HIFI SIF G1 -H . ARTN | | H2G.S - | | H054 | TS4CC-28 | 3 | | | HHFCU | 16 | 112300 P015 | 028 | 1H | 1H | |
| 060 | HIFI SIF G1 -H . GB | | H2G.S - | | H054 | TS4CC-28 | 3 | | | HHFCU | 16 | 112300 P015 | 048 | 1H | 1H | |
| 049 | HIFI SIF G1 -H . BRTN | | H2G.S - | | H054 | TS4CC-28 | 3 | | | HHFCU | 16 | 112300 P015 | 049 | 1H | 1H | |
| 047 | HIFI SIF G1 -H . SHD03 | | H2G.S - | | H054 | TS4CC-28 | 3 | | CS-H054 | HHFCU | 16 | 112300 P015 | 027 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 030 | HIFI SIF D2 -H . SIF1 | | H2D.S - | | H055 | TS5CC-28 | 4 | 055-1 | | HHFCU | 16 | 112300 P015 | 050 | 1H | 1H | |
| 041 | HIFI SIF D2 -H . SIF2 | | H2D.S - | | H055 | TS5CC-28 | 4 | 055-1 | | HHFCU | 16 | 112300 P015 | 030 | 1H | 1H | |
| 042 | HIFI SIF D2 -H . SIF3 | | H2D.S - | | H055 | TS5CC-28 | 4 | 055-1 | | HHFCU | 16 | 112300 P015 | 009 | 1H | 1H | |
| 045 | HIFI SIF D2 -H . SIF4 | | H2D.S - | | H055 | TS5CC-28 | 4 | 055-1 | | HHFCU | 16 | 112300 P015 | 052 | 1H | 3H | |
| 040 | HIFI SIF D2 -H . RTN1 | | H2D.S - | | H055 | TS5CC-28 | 4 | 055-1 | | HHFCU | 16 | 112300 P015 | 051 | 1H | 1H | |
| 029 | HIFI SIF D2 -H . SHD04 | | H2D.S - | | H055 | TS5CC-28 | 4 | | CS-055-1 | HHFCU | 16 | 112300 P015 | 029 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 033 | HIFI SIF D2 -H . SIF5 | | H2D.S - | | H055 | TS5CC-28 | 5 | 055-2 | | HHFCU | 16 | 112300 P015 | 032 | 1H | 1H | |
| 044 | HIFI SIF D2 -H . SIF6 | | H2D.S - | | H055 | TS5CC-28 | 5 | 055-2 | | HHFCU | 16 | 112300 P015 | 011 | 1H | 1H | |
| 034 | HIFI SIF D2 -H . SIF7 | | H2D.S - | | H055 | TS5CC-28 | 5 | 055-2 | | HHFCU | 16 | 112300 P015 | 054 | 1H | 1H | |
| 031 | HIFI SIF D2 -H . TST | | H2D.S - | | H055 | TS5CC-28 | 5 | 055-2 | | HHFCU | 16 | 112300 P015 | 008 | 1H | 3H | |
| 043 | HIFI SIF D2 -H . RTN2 | | H2D.S - | | H055 | TS5CC-28 | 5 | 055-2 | | HHFCU | 16 | 112300 P015 | 033 | 1H | 1H | |
| 032 | HIFI SIF D2 -H . SHD05 | | H2D.S - | | H055 | TS5CC-28 | 5 | | CS-055-2 | HHFCU | 16 | 112300 P015 | 010 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |

Pin Allocation List

(Harness)

Connector: 311100 P001
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-02

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|---------|-------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 038 | HIFI SIF G2 -H . GA | | H2G.S - | | H056 | TS4CC-28 | 6 | | | | HHFCU | 16 | 112300 P015 | 034 | 1H | 1H |
| 027 | HIFI SIF G2 -H . ARTN | | H2G.S - | | H056 | TS4CC-28 | 6 | | | | HHFCU | 16 | 112300 P015 | 013 | 1H | 1H |
| 025 | HIFI SIF G2 -H . GB | | H2G.S - | | H056 | TS4CC-28 | 6 | | | | HHFCU | 16 | 112300 P015 | 055 | 1H | 1H |
| 028 | HIFI SIF G2 -H . BRTN | | H2G.S - | | H056 | TS4CC-28 | 6 | | | | HHFCU | 16 | 112300 P015 | 035 | 1H | 1H |
| 037 | HIFI SIF G2 -H . SHD06 | | H2G.S - | | H056 | TS4CC-28 | 6 | | | CS-H056 | HHFCU | 16 | 112300 P015 | 012 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 012 | HIFI SIF D3 -H . SIF1 | | H2D.S - | | H057 | TS5CC-28 | 7 | 057-1 | | | HHFCU | 16 | 112300 P015 | 036 | 1H | 1H |
| 021 | HIFI SIF D3 -H . SIF2 | | H2D.S - | | H057 | TS5CC-28 | 7 | 057-1 | | | HHFCU | 16 | 112300 P015 | 015 | 1H | 1H |
| 011 | HIFI SIF D3 -H . SIF3 | | H2D.S - | | H057 | TS5CC-28 | 7 | 057-1 | | | HHFCU | 16 | 112300 P015 | 058 | 1H | 1H |
| 023 | HIFI SIF D3 -H . SIF4 | | H2D.S - | | H057 | TS5CC-28 | 7 | 057-1 | | | HHFCU | 16 | 112300 P015 | 038 | 1H | 3H |
| 019 | HIFI SIF D3 -H . RTN1 | | H2D.S - | | H057 | TS5CC-28 | 7 | 057-1 | | | HHFCU | 16 | 112300 P015 | 016 | 1H | 1H |
| 010 | HIFI SIF D3 -H . SHD07 | | H2D.S - | | H057 | TS5CC-28 | 7 | | | CS-057-1 | HHFCU | 16 | 112300 P015 | 014 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 015 | HIFI SIF D3 -H . SIF5 | | H2D.S - | | H057 | TS5CC-28 | 8 | 057-2 | | | HHFCU | 16 | 112300 P015 | 017 | 1H | 1H |
| 024 | HIFI SIF D3 -H . SIF6 | | H2D.S - | | H057 | TS5CC-28 | 8 | 057-2 | | | HHFCU | 16 | 112300 P015 | 060 | 1H | 1H |
| 014 | HIFI SIF D3 -H . SIF7 | | H2D.S - | | H057 | TS5CC-28 | 8 | 057-2 | | | HHFCU | 16 | 112300 P015 | 040 | 1H | 1H |
| 020 | HIFI SIF D3 -H . TST | | H2D.S - | | H057 | TS5CC-28 | 8 | 057-2 | | | HHFCU | 16 | 112300 P015 | 057 | 1H | 3H |
| 022 | HIFI SIF D3 -H . RTN2 | | H2D.S - | | H057 | TS5CC-28 | 8 | 057-2 | | | HHFCU | 16 | 112300 P015 | 039 | 1H | 1H |
| 013 | HIFI SIF D3 -H . SHD08 | | H2D.S - | | H057 | TS5CC-28 | 8 | | | CS-057-2 | HHFCU | 16 | 112300 P015 | 061 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 004 | HIFI SIF G3 -H . GA | | H2G.S - | | H058 | TS4CC-28 | 9 | | | | HHFCU | 16 | 112300 P015 | 019 | 1H | 1H |
| 005 | HIFI SIF G3 -H . ARTN | | H2G.S - | | H058 | TS4CC-28 | 9 | | | | HHFCU | 16 | 112300 P015 | 020 | 1H | 1H |
| 007 | HIFI SIF G3 -H . GB | | H2G.S - | | H058 | TS4CC-28 | 9 | | | | HHFCU | 16 | 112300 P015 | 041 | 1H | 1H |
| 006 | HIFI SIF G3 -H . BRTN | | H2G.S - | | H058 | TS4CC-28 | 9 | | | | HHFCU | 16 | 112300 P015 | 062 | 1H | 1H |
| 003 | HIFI SIF G3 -H . SHD09 | | H2G.S - | | H058 | TS4CC-28 | 9 | | | CS-H058 | HHFCU | 16 | 112300 P015 | 021 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 079 | HIFI MGHT1-H . HT | | HMH.S - | | H015 | TS4CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P012 | 003 | 1H | 1H |
| 097 | HIFI MGHT2 -H . HT | | HMH.S - | | H016 | TS4CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P012 | 004 | 1H | 1H 1H |
| 099 | HIFI MGHT3 -H . HT | | HMH.S - | | H017 | TS4CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P012 | 006 | 1H | 1H |
| 070 | HIFI MGHT1-H . HTRTN | | HMH.S - | | H015 | TS4CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P012 | 005 | 1H | 1H |
| 069 | HIFI MGHT1-H . SHX10 | | HMH.S - | | H015 | TS4CC-28 | 10 | | | CS-HX10 | HHFCU | 16 | 112300 P012 | 002 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 081 | HIFI MGHT4 -H . HT | | HMH.X - | | H018 | TS3CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P012 | 007 | 1H | 1H 1H |
| 084 | HIFI MGHT5 -H . HT | | HMH.X - | | H019 | TS3CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P012 | 008 | 1H | 1H 1H |

Pin Allocation List

(Harness)

Connector: 311100 P001**Function / Bundle:** HIFI SVM SIH-XH-02**Conn.-Type:** SCC340104401B06G2235SN**Item:** HHSVMCB1**Backshell:** 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------------|----------------|---------|------|--------|----------|-----|-------|------------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 074 | HIFI MGHT5 -H . HTRTN | | HMH.X - | | H019 | TS3CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P012 | 027 | 1H 1H 1H |
| 076 | HIFI MGHT5 -H . SHX11 | | HMH.X - | | H019 | TS3CC-28 | 11 | | CS-HX11 | | HHFCU | 16 | 112300 P012 | 011 | 1H 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| 080 | HIFI MGHT1-H . MG | | HMH.S - | | H015 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P012 | 012 | 1H 1H |
| 098 | HIFI MGHT2 -H . MG | | HMH.S - | | H016 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P012 | 014 | 1H 1H 1H |
| 100 | HIFI MGHT3 -H . MG | | HMH.S - | | H017 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P012 | 015 | 1H 1H |
| 071 | HIFI MGHT1-H . MGRTN | | HMH.S - | | H015 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P012 | 013 | 1H 1H |
| 093 | HIFI MGHT1-H . SHX12 | | HMH.S - | | H015 | TS4CC-28 | 12 | | CS-HX12 | | HHFCU | 16 | 112300 P012 | 030 | 1H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 082 | HIFI MGHT4 -H . MG | | HMH.X - | | H018 | TS3CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P012 | 034 | 1H 1H 1H |
| 085 | HIFI MGHT5 -H . MG | | HMH.X - | | H019 | TS3CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P012 | 017 | 1H 1H 1H |
| 075 | HIFI MGHT5 -H . MGRTN | | HMH.X - | | H019 | TS3CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P012 | 035 | 1H 1H 1H |
| 083 | HIFI MGHT4 -H . SHX13 | | HMH.X - | | H018 | TS3CC-28 | 16 | | CS-HX13 | | HHFCU | 16 | 112300 P012 | 018 | 1H 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| 013 | Interconnection Star Pin . SHD08 | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 050 | to be con to Pin 013 . SHD01 | | - | | | | | | 053-1 | | | | | | 3H |
| 053 | to be con to Pin 013 . SHD02 | | - | | | | | | 053-2 | | | | | | 3H |
| 047 | to be con to Pin 013 . SHD03 | | - | | | | | | H054 | | | | | | 3H |
| 029 | to be con to Pin 013 . SHD04 | | - | | | | | | 055-1 | | | | | | 3H |
| 032 | to be con to Pin 013 . SHD05 | | - | | | | | | 055-2 | | | | | | 3H |
| 037 | to be con to Pin 013 . SHD06 | | - | | | | | | H056 | | | | | | 3H |
| 010 | to be con to Pin 013 . SHD07 | | - | | | | | | 057-1 | | | | | | 3H |
| 003 | to be con to Pin 013 . SHD09 | | - | | | | | | H058 | | | | | | 3H |
| - | | | | | | | | | | | | | | | 1H |
| 096 | Interconnection Star Pin . SHX | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 069 | to be con to Pin 096 . SHX10 | | - | | | | | | HX10 | | | | | | 3H |
| 076 | to be con to Pin 096 . SHX11 | | - | | | | | | HX11 | | | | | | 3H |
| 093 | to be con to Pin 096 . SHX12 | | - | | | | | | HX12 | | | | | | 3H |
| 083 | to be con to Pin 096 . SHX13 | | - | | | | | | HX13 | | | | | | 3H |
| - | | | | | | | | | | | | | | | 1H |
| 090 | Interconnection Star Pin . MGRTN | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 071 | to be con to Pin 090 . MGRTN | | - | | | | | | HX12 | | | | | | 3H |
| 075 | to be con to Pin 090 . MGRTN | | - | | | | | | HX13 | | | | | | 3H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 312 (of 474)

Connector: 311100 P001
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-02

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------------|----------------|--------|------|--------|--------|-----|-------|-------|------------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 092 | to be con to Pin 090 . MGRTN | | - | | | | | | | | | | | | 3H |
| 073 | to be con to Pin 090 . MGRTN | | - | | | | | | | | | | | | 3H |
| - | | | | | | | | | | | | | | | 1H |
| 091 | Interconnection Star Pin . HTRTN | | - | | | | | | | Star Pin for Interconnection | | | | | 1H |
| 070 | to be con to Pin 091 . HTRTN | | - | | | | | | | HX10 | | | | | 1H |
| 074 | to be con to Pin 091 . HTRTN | | - | | | | | | | HX11 | | | | | 1H |
| 072 | to be con to Pin 091 . HTRTN | | - | | | | | | | | | | | | 1H |
| 089 | to be con to Pin 091 . HTRTN | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Schield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| 087 | NC | | | | | | | | | | | | | | 1H |
| 088 | NC | | | | | | | | | | | | | | 1H |
| 094 | NC | | | | | | | | | | | | | | 1H |
| 095 | NC | | | | | | | | | | | | | | 1H |

Pin Allocation List

(Harness)

Connector: 112300 P012
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-02

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|----------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 003 | HIFI MGHT1-H . HT | HMH | HMH.S | - | H015 | TS4CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P001 | 079 | 1H | 1H | |
| 004 | HIFI MGHT2 -H . HT | HMH | HMH.S | - | H016 | TS4CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P001 | 097 | 1H | 1H 1H | |
| 006 | HIFI MGHT3 -H . HT | HMH | HMH.S | - | H017 | TS4CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P001 | 099 | 1H | 1H | |
| 005 | HIFI MGHT1-H . HTRTN | HMH | HMH.S | - | H015 | TS4CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P001 | 070 | 1H | 1H | |
| 002 | HIFI MGHT1-H . SHX10 | | HMH.S | - | H015 | TS4CC-28 | 10 | | CS-HX10 | HHSVMCB1 | 25 | 311100 P001 | 069 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 007 | HIFI MGHT4 -H . HT | HMH | HMH.X | - | H018 | TS3CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P001 | 081 | 1H | 1H 1H | |
| 008 | HIFI MGHT5 -H . HT | HMH | HMH.X | - | H019 | TS3CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P001 | 084 | 1H | 1H 1H | |
| 027 | HIFI MGHT5 -H . HTRTN | HMH | HMH.X | - | H019 | TS3CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P001 | 074 | 1H | 1H 1H | |
| 011 | HIFI MGHT5 -H . SHX11 | | HMH.X | - | H019 | TS3CC-28 | 11 | | CS-HX11 | HHSVMCB1 | 25 | 311100 P001 | 076 | 1H | 1H 1H | |
| - | | | | | | | | | | | | | | | | |
| 012 | HIFI MGHT1-H . MG | HMH | HMH.S | - | H015 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P001 | 080 | 1H | 1H | |
| 014 | HIFI MGHT2 -H . MG | HMH | HMH.S | - | H016 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P001 | 098 | 1H | 1H 1H | |
| 015 | HIFI MGHT3 -H . MG | HMH | HMH.S | - | H017 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P001 | 100 | 1H | 1H | |
| 013 | HIFI MGHT1-H . MGRTN | HMH | HMH.S | - | H015 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P001 | 071 | 1H | 1H | |
| 030 | HIFI MGHT1-H . SHX12 | | HMH.S | - | H015 | TS4CC-28 | 12 | | CS-HX12 | HHSVMCB1 | 25 | 311100 P001 | 093 | 3H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 034 | HIFI MGHT4 -H . MG | HMH | HMH.X | - | H018 | TS3CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P001 | 082 | 1H | 1H 1H | |
| 017 | HIFI MGHT5 -H . MG | HMH | HMH.X | - | H019 | TS3CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P001 | 085 | 1H | 1H 1H | |
| 035 | HIFI MGHT5 -H . MGRTN | HMH | HMH.X | - | H019 | TS3CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P001 | 075 | 1H | 1H 1H | |
| 018 | HIFI MGHT4 -H . SHX13 | | HMH.X | - | H018 | TS3CC-28 | 13 | HX13 | CS-HX13 | HHSVMCB1 | 25 | 311100 P001 | 083 | 1H | 1H 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 001 | NC | | | | | | | | | | | | | | | |
| 009 | NC | | | | | | | | | | | | | | | |
| 010 | NC | | | | | | | | | | | | | | | |
| 016 | NC | | | | | | | | | | | | | | | |
| 019 | NC | | | | | | | | | | | | | | | |
| 020 | NC | | | | | | | | | | | | | | | |
| 021 | NC | | | | | | | | | | | | | | | |
| 022 | NC | | | | | | | | | | | | | | | |
| 023 | NC | | | | | | | | | | | | | | | |
| 024 | NC | | | | | | | | | | | | | | | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 314 (of 474)

Connector: 112300 P012

Function / Bundle: HIFI FCU SIH-XH-02

Conn.-Type: SCC340100201BDCMA37PNMBFO

Item: HHFCU

Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 025 | NC | | | | | | | | | | | | | | |
| 026 | NC | | | | | | | | | | | | | | |
| 028 | NC | | | | | | | | | | | | | | |
| 029 | NC | | | | | | | | | | | | | | |
| 031 | NC | | | | | | | | | | | | | | |
| 032 | NC | | | | | | | | | | | | | | |
| 033 | NC | | | | | | | | | | | | | | |
| 036 | NC | | | | | | | | | | | | | | |
| 037 | NC | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 112300 P015
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-02

Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 001 | HIFI SIF D1 -H . SIF1 | H2D | H2D.S | - | H053 | TS5CC-28 | 1 | 053-1 | | HHSVMCB1 | 25 | 311100 P001 | 052 | 1H | 1H | |
| 044 | HIFI SIF D1 -H . SIF2 | H2D | H2D.S | - | H053 | TS5CC-28 | 1 | 053-1 | | HHSVMCB1 | 25 | 311100 P001 | 063 | 1H | 1H | |
| 024 | HIFI SIF D1 -H . SIF3 | H2D | H2D.S | - | H053 | TS5CC-28 | 1 | 053-1 | | HHSVMCB1 | 25 | 311100 P001 | 051 | 1H | 1H | |
| 003 | HIFI SIF D1 -H . SIF4 | H2D | H2D.S | - | H053 | TS5CC-28 | 1 | 053-1 | | HHSVMCB1 | 25 | 311100 P001 | 066 | 3H | 1H | |
| 043 | HIFI SIF D1 -H . RTN1 | H2D | H2D.S | - | H053 | TS5CC-28 | 1 | 053-1 | | HHSVMCB1 | 25 | 311100 P001 | 061 | 1H | 1H | |
| 022 | HIFI SIF D1 -H . SHD01 | | H2D.S | - | H053 | TS5CC-28 | 1 | | CS-053-1 | HHSVMCB1 | 25 | 311100 P001 | 050 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 046 | HIFI SIF D1 -H . SIF5 | H2D | H2D.S | - | H053 | TS5CC-28 | 2 | 053-2 | | HHSVMCB1 | 25 | 311100 P001 | 054 | 1H | 1H | |
| 026 | HIFI SIF D1 -H . SIF6 | H2D | H2D.S | - | H053 | TS5CC-28 | 2 | 053-2 | | HHSVMCB1 | 25 | 311100 P001 | 065 | 1H | 1H | |
| 005 | HIFI SIF D1 -H . SIF7 | H2D | H2D.S | - | H053 | TS5CC-28 | 2 | 053-2 | | HHSVMCB1 | 25 | 311100 P001 | 055 | 1H | 1H | |
| 023 | HIFI SIF D1 -H . TST | H2D | H2D.S | - | H053 | TS5CC-28 | 2 | 053-2 | | HHSVMCB1 | 25 | 311100 P001 | 062 | 3H | 1H | |
| 025 | HIFI SIF D1 -H . RTN2 | H2D | H2D.S | - | H053 | TS5CC-28 | 2 | 053-2 | | HHSVMCB1 | 25 | 311100 P001 | 064 | 1H | 1H | |
| 047 | HIFI SIF D1 -H . SHD02 | | H2D.S | - | H053 | TS5CC-28 | 2 | | CS-053-2 | HHSVMCB1 | 25 | 311100 P001 | 053 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 006 | HIFI SIF G1 -H . GA | H2G | H2G.S | - | H054 | TS4CC-28 | 3 | | | HHSVMCB1 | 25 | 311100 P001 | 059 | 1H | 1H | |
| 028 | HIFI SIF G1 -H . ARTN | H2G | H2G.S | - | H054 | TS4CC-28 | 3 | | | HHSVMCB1 | 25 | 311100 P001 | 048 | 1H | 1H | |
| 048 | HIFI SIF G1 -H . GB | H2G | H2G.S | - | H054 | TS4CC-28 | 3 | | | HHSVMCB1 | 25 | 311100 P001 | 060 | 1H | 1H | |
| 049 | HIFI SIF G1 -H . BRTN | H2G | H2G.S | - | H054 | TS4CC-28 | 3 | | | HHSVMCB1 | 25 | 311100 P001 | 049 | 1H | 1H | |
| 027 | HIFI SIF G1 -H . SHD03 | | H2G.S | - | H054 | TS4CC-28 | 3 | | CS-H054 | HHSVMCB1 | 25 | 311100 P001 | 047 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 050 | HIFI SIF D2 -H . SIF1 | H2D | H2D.S | - | H055 | TS5CC-28 | 4 | 055-1 | | HHSVMCB1 | 25 | 311100 P001 | 030 | 1H | 1H | |
| 030 | HIFI SIF D2 -H . SIF2 | H2D | H2D.S | - | H055 | TS5CC-28 | 4 | 055-1 | | HHSVMCB1 | 25 | 311100 P001 | 041 | 1H | 1H | |
| 009 | HIFI SIF D2 -H . SIF3 | H2D | H2D.S | - | H055 | TS5CC-28 | 4 | 055-1 | | HHSVMCB1 | 25 | 311100 P001 | 042 | 1H | 1H | |
| 052 | HIFI SIF D2 -H . SIF4 | H2D | H2D.S | - | H055 | TS5CC-28 | 4 | 055-1 | | HHSVMCB1 | 25 | 311100 P001 | 045 | 3H | 1H | |
| 051 | HIFI SIF D2 -H . RTN1 | H2D | H2D.S | - | H055 | TS5CC-28 | 4 | 055-1 | | HHSVMCB1 | 25 | 311100 P001 | 040 | 1H | 1H | |
| 029 | HIFI SIF D2 -H . SHD04 | | H2D.S | - | H055 | TS5CC-28 | 4 | | CS-055-1 | HHSVMCB1 | 25 | 311100 P001 | 029 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 032 | HIFI SIF D2 -H . SIF5 | H2D | H2D.S | - | H055 | TS5CC-28 | 5 | 055-2 | | HHSVMCB1 | 25 | 311100 P001 | 033 | 1H | 1H | |
| 011 | HIFI SIF D2 -H . SIF6 | H2D | H2D.S | - | H055 | TS5CC-28 | 5 | 055-2 | | HHSVMCB1 | 25 | 311100 P001 | 044 | 1H | 1H | |
| 054 | HIFI SIF D2 -H . SIF7 | H2D | H2D.S | - | H055 | TS5CC-28 | 5 | 055-2 | | HHSVMCB1 | 25 | 311100 P001 | 034 | 1H | 1H | |
| 008 | HIFI SIF D2 -H . TST | H2D | H2D.S | - | H055 | TS5CC-28 | 5 | 055-2 | | HHSVMCB1 | 25 | 311100 P001 | 031 | 3H | 1H | |
| 033 | HIFI SIF D2 -H . RTN2 | H2D | H2D.S | - | H055 | TS5CC-28 | 5 | 055-2 | | HHSVMCB1 | 25 | 311100 P001 | 043 | 1H | 1H | |
| 010 | HIFI SIF D2 -H . SHD05 | | H2D.S | - | H055 | TS5CC-28 | 5 | 055-2 | CS-055-2 | HHSVMCB1 | 25 | 311100 P001 | 032 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112300 P015
Item: HHFCU
Function / Bundle: HIFI FCU SIH-XH-02
Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 034 | HIFI SIF G2 -H . GA | H2G | H2G.S | - | H056 | TS4CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P001 | 038 | 1H | 1H |
| 013 | HIFI SIF G2 -H . ARTN | H2G | H2G.S | - | H056 | TS4CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P001 | 027 | 1H | 1H |
| 055 | HIFI SIF G2 -H . GB | H2G | H2G.S | - | H056 | TS4CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P001 | 025 | 1H | 1H |
| 035 | HIFI SIF G2 -H . BRTN | H2G | H2G.S | - | H056 | TS4CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P001 | 028 | 1H | 1H |
| 012 | HIFI SIF G2 -H . SHD06 | | H2G.S | - | H056 | TS4CC-28 | 6 | | SC-H056 | | HHSVMCB1 | 25 | 311100 P001 | 037 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 036 | HIFI SIF D3 -H . SIF1 | H2D | H2D.S | - | H057 | TS5CC-28 | 7 | 057-1 | | | HHSVMCB1 | 25 | 311100 P001 | 012 | 1H | 1H |
| 015 | HIFI SIF D3 -H . SIF2 | H2D | H2D.S | - | H057 | TS5CC-28 | 7 | 057-1 | | | HHSVMCB1 | 25 | 311100 P001 | 021 | 1H | 1H |
| 058 | HIFI SIF D3 -H . SIF3 | H2D | H2D.S | - | H057 | TS5CC-28 | 7 | 057-1 | | | HHSVMCB1 | 25 | 311100 P001 | 011 | 1H | 1H |
| 038 | HIFI SIF D3 -H . SIF4 | H2D | H2D.S | - | H057 | TS5CC-28 | 7 | 057-1 | | | HHSVMCB1 | 25 | 311100 P001 | 023 | 3H | 1H |
| 016 | HIFI SIF D3 -H . RTN1 | H2D | H2D.S | - | H057 | TS5CC-28 | 7 | 057-1 | | | HHSVMCB1 | 25 | 311100 P001 | 019 | 1H | 1H |
| 014 | HIFI SIF D3 -H . SHD07 | | H2D.S | - | H057 | TS5CC-28 | 7 | | CS-057-1 | | HHSVMCB1 | 25 | 311100 P001 | 010 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 017 | HIFI SIF D3 -H . SIF5 | H2D | H2D.S | - | H057 | TS5CC-28 | 8 | 057-2 | | | HHSVMCB1 | 25 | 311100 P001 | 015 | 1H | 1H |
| 060 | HIFI SIF D3 -H . SIF6 | H2D | H2D.S | - | H057 | TS5CC-28 | 8 | 057-2 | | | HHSVMCB1 | 25 | 311100 P001 | 024 | 1H | 1H |
| 040 | HIFI SIF D3 -H . SIF7 | H2D | H2D.S | - | H057 | TS5CC-28 | 8 | 057-2 | | | HHSVMCB1 | 25 | 311100 P001 | 014 | 1H | 1H |
| 057 | HIFI SIF D3 -H . TST | H2D | H2D.S | - | H057 | TS5CC-28 | 8 | 057-2 | | | HHSVMCB1 | 25 | 311100 P001 | 020 | 3H | 1H |
| 039 | HIFI SIF D3 -H . RTN2 | H2D | H2D.S | - | H057 | TS5CC-28 | 8 | 057-2 | | | HHSVMCB1 | 25 | 311100 P001 | 022 | 1H | 1H |
| 061 | HIFI SIF D3 -H . SHD08 | | H2D.S | - | H057 | TS5CC-28 | 8 | | CS-057-2 | | HHSVMCB1 | 25 | 311100 P001 | 013 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 019 | HIFI SIF G3 -H . GA | H2G | H2G.S | - | H058 | TS4CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P001 | 004 | 1H | 1H |
| 020 | HIFI SIF G3 -H . ARTN | H2G | H2G.S | - | H058 | TS4CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P001 | 005 | 1H | 1H |
| 041 | HIFI SIF G3 -H . GB | H2G | H2G.S | - | H058 | TS4CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P001 | 007 | 1H | 1H |
| 062 | HIFI SIF G3 -H . BRTN | H2G | H2G.S | - | H058 | TS4CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P001 | 006 | 1H | 1H |
| 021 | HIFI SIF G3 -H . SHD09 | | H2G.S | - | H058 | TS4CC-28 | 9 | | CS-H058 | | HHSVMCB1 | 25 | 311100 P001 | 003 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 002 | NC | | | | | | | | | | | | | | | |
| 004 | NC | | | | | | | | | | | | | | | |
| 018 | NC | | | | | | | | | | | | | | | |
| 031 | NC | | | | | | | | | | | | | | | |
| 037 | NC | | | | | | | | | | | | | | | |
| 045 | NC | | | | | | | | | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 317 (of 474)

Connector: 112300 P015

Function / Bundle: HIFI FCU SIH-XH-02

Conn.-Type: SCC340100202BDCMA62PNMBFO

Item: HHFCU

Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 053 | NC | | | | | | | | | | | | | | |
| 059 | NC | | | | | | | | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 318 (of 474)

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Pin Allocation List

(Harness)

Connector: 311100 P004
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-03

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 096 | HIFI MX1-V . B | | HMX.S - | | H008 | TS5CC-28 | 8 | | | | HHFCU | 16 | 112300 P021 | 032 | 1H | 1H |
| 088 | HIFI MX1-V . BRTN | | HMX.S - | | H008 | TS5CC-28 | 8 | | | | HHFCU | 16 | 112300 P021 | 003 | 1H | 1H |
| 097 | HIFI MX1-V . VM | | HMX.S - | | H008 | TS5CC-28 | 8 | | | | HHFCU | 16 | 112300 P021 | 002 | 1H | 1H |
| 089 | HIFI MX1-V . VMRTN | | HMX.S - | | H008 | TS5CC-28 | 8 | | | | HHFCU | 16 | 112300 P021 | 018 | 1H | 1H |
| 090 | HIFI MX1-V . IM | | HMX.S - | | H008 | TS5CC-28 | 8 | | | | HHFCU | 16 | 112300 P021 | 033 | 1H | 1H |
| 095 | HIFI MX1-V . SHD08 | | HMX.S - | | H008 | TS5CC-28 | 8 | | CS-H008 | | HHFCU | 16 | 112300 P021 | 001 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 091 | HIFI MX2-V . B | | HMX.S - | | H009 | TS5CC-28 | 9 | | | | HHFCU | 16 | 112300 P021 | 019 | 1H | 1H |
| 092 | HIFI MX2-V . BRTN | | HMX.S - | | H009 | TS5CC-28 | 9 | | | | HHFCU | 16 | 112300 P021 | 035 | 1H | 1H |
| 099 | HIFI MX2-V . VM | | HMX.S - | | H009 | TS5CC-28 | 9 | | | | HHFCU | 16 | 112300 P021 | 034 | 1H | 1H |
| 093 | HIFI MX2-V . VMRTN | | HMX.S - | | H009 | TS5CC-28 | 9 | | | | HHFCU | 16 | 112300 P021 | 004 | 1H | 1H |
| 100 | HIFI MX2-V . IM | | HMX.S - | | H009 | TS5CC-28 | 9 | | | | HHFCU | 16 | 112300 P021 | 020 | 1H | 1H |
| 098 | HIFI MX2-V . SHD09 | | HMX.S - | | H009 | TS5CC-28 | 9 | | CS-H009 | | HHFCU | 16 | 112300 P021 | 017 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 069 | HIFI MX3-V . B | | HMX.S - | | H010 | TS5CC-28 | 10 | | | | HHFCU | 16 | 112300 P021 | 005 | 1H | 1H |
| 068 | HIFI MX3-V . BRTN | | HMX.S - | | H010 | TS5CC-28 | 10 | | | | HHFCU | 16 | 112300 P021 | 022 | 1H | 1H |
| 070 | HIFI MX3-V . VM | | HMX.S - | | H010 | TS5CC-28 | 10 | | | | HHFCU | 16 | 112300 P021 | 021 | 1H | 1H |
| 078 | HIFI MX3-V . VMRTN | | HMX.S - | | H010 | TS5CC-28 | 10 | | | | HHFCU | 16 | 112300 P021 | 036 | 1H | 1H |
| 079 | HIFI MX3-V . IM | | HMX.S - | | H010 | TS5CC-28 | 10 | | | | HHFCU | 16 | 112300 P021 | 006 | 1H | 1H |
| 087 | HIFI MX3-V . SHD10 | | HMX.S - | | H010 | TS5CC-28 | 10 | | CS-H010 | | HHFCU | 16 | 112300 P021 | 031 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 081 | HIFI MX4-V . B | | HMX.S - | | H011 | TS5CC-28 | 11 | | | | HHFCU | 16 | 112300 P021 | 037 | 1H | 1H |
| 080 | HIFI MX4-V . BRTN | | HMX.S - | | H011 | TS5CC-28 | 11 | | | | HHFCU | 16 | 112300 P021 | 008 | 1H | 1H |
| 072 | HIFI MX4-V . VM | | HMX.S - | | H011 | TS5CC-28 | 11 | | | | HHFCU | 16 | 112300 P021 | 007 | 1H | 1H |
| 082 | HIFI MX4-V . VMRTN | | HMX.S - | | H011 | TS5CC-28 | 11 | | | | HHFCU | 16 | 112300 P021 | 023 | 1H | 1H |
| 073 | HIFI MX4-V . IM | | HMX.S - | | H011 | TS5CC-28 | 11 | | | | HHFCU | 16 | 112300 P021 | 038 | 1H | 1H |
| 071 | HIFI MX4-V . SHD11 | | HMX.S - | | H011 | TS5CC-28 | 11 | | CS-H011 | | HHFCU | 16 | 112300 P021 | 014 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 076 | HIFI MX5-V . B | | HMX.S - | | H012 | TS5CC-28 | 12 | | | | HHFCU | 16 | 112300 P021 | 024 | 1H | 1H |
| 075 | HIFI MX5-V . BRTN | | HMX.S - | | H012 | TS5CC-28 | 12 | | | | HHFCU | 16 | 112300 P021 | 040 | 1H | 1H |
| 084 | HIFI MX5-V . VM | | HMX.S - | | H012 | TS5CC-28 | 12 | | | | HHFCU | 16 | 112300 P021 | 039 | 1H | 1H |
| 074 | HIFI MX5-V . VMRTN | | HMX.S - | | H012 | TS5CC-28 | 12 | | | | HHFCU | 16 | 112300 P021 | 009 | 1H | 1H |
| 085 | HIFI MX5-V . IM | | HMX.S - | | H012 | TS5CC-28 | 12 | | | | HHFCU | 16 | 112300 P021 | 025 | 1H | 1H |
| 083 | HIFI MX5-V . SHD12 | | HMX.S - | | H012 | TS5CC-28 | 12 | | CS-H012 | | HHFCU | 16 | 112300 P021 | 044 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 311100 P004
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-03

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | |
| 054 | HIFI MX6-V . B | | HMX.S - | | H013 | TS5CC-28 | 13 | | | | HHFCU | 16 | 112300 P021 | 010 | 1H 1H |
| 065 | HIFI MX6-V . BRTN | | HMX.S - | | H013 | TS5CC-28 | 13 | | | | HHFCU | 16 | 112300 P021 | 027 | 1H 1H |
| 055 | HIFI MX6-V . VM | | HMX.S - | | H013 | TS5CC-28 | 13 | | | | HHFCU | 16 | 112300 P021 | 026 | 1H 1H |
| 066 | HIFI MX6-V . VMRTN | | HMX.S - | | H013 | TS5CC-28 | 13 | | | | HHFCU | 16 | 112300 P021 | 041 | 1H 1H |
| 064 | HIFI MX6-V . IM | | HMX.S - | | H013 | TS5CC-28 | 13 | | | | HHFCU | 16 | 112300 P021 | 011 | 1H 1H |
| 053 | HIFI MX6-V . SHD13 | | HMX.S - | | H013 | TS5CC-28 | 13 | | CS-H013 | | HHFCU | 16 | 112300 P021 | 029 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 051 | HIFI MX7-V . B | | HMX.S - | | H014 | TS5CC-28 | 14 | | | | HHFCU | 16 | 112300 P021 | 042 | 1H 1H |
| 062 | HIFI MX7-V . BRTN | | HMX.S - | | H014 | TS5CC-28 | 14 | | | | HHFCU | 16 | 112300 P021 | 013 | 1H 1H |
| 052 | HIFI MX7-V . VM | | HMX.S - | | H014 | TS5CC-28 | 14 | | | | HHFCU | 16 | 112300 P021 | 012 | 1H 1H |
| 063 | HIFI MX7-V . VMRTN | | HMX.S - | | H014 | TS5CC-28 | 14 | | | | HHFCU | 16 | 112300 P021 | 028 | 1H 1H |
| 061 | HIFI MX7-V . IM | | HMX.S - | | H014 | TS5CC-28 | 14 | | | | HHFCU | 16 | 112300 P021 | 043 | 1H 1H |
| 050 | HIFI MX7-V . SHD14 | | HMX.S - | | H014 | TS5CC-28 | 14 | | CS-S014 | | HHFCU | 16 | 112300 P021 | 030 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 048 | HIFI FIF1 D -V . D1 | | H1D.S - | | H039 | TS5CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P024 | 017 | 1H 1H |
| 034 | HIFI FIF2 D -V . D1 | | H1D.S - | | H041 | TS5CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P024 | 002 | 1H 1H |
| 030 | HIFI FIF3 D -V . D1 | | H1D.U - | | H043 | TS5CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P024 | 033 | 1H 1H |
| 044 | HIFI FIF2 D -V . DRTN | | H1D.S - | | H041 | TS5CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P024 | 018 | 1H 1H |
| 059 | HIFI FIF1 D -V . TST | | H1D.S - | | H039 | TS5CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P024 | 003 | 1H 1H |
| 033 | HIFI FIF2 D -V . SHX01 | | H1D.S - | | H041 | TS5CC-28 | 1 | | CS-HX01 | | HHFCU | 16 | 112300 P024 | 001 | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| 014 | HIFI FIF4 D -V . D1 | | H1D.U - | | H045 | TS5CC-28 | 2 | HX02 | | | HHFCU | 16 | 112300 P024 | 019 | 1H 1H |
| 017 | HIFI FIF5 D -V . D1 | | H1D.U - | | H047 | TS5CC-28 | 2 | HX02 | | | HHFCU | 16 | 112300 P024 | 004 | 1H 1H |
| 001 | HIFI FIF6 D -V . D1 | | H1D.U - | | H049 | TS5CC-28 | 2 | HX02 | | | HHFCU | 16 | 112300 P024 | 035 | 1H 1H |
| 056 | HIFI FIF7 D -V . D1 | | H1D.U - | | H051 | TS5CC-28 | 2 | HX02 | | | HHFCU | 16 | 112300 P024 | 021 | 1H 1H |
| 060 | HIFI FIF1 D -V . DRTN | | H1D.S - | | H039 | TS5CC-28 | 2 | HX02 | | | HHFCU | 16 | 112300 P024 | 005 | 1H 1H |
| 029 | HIFI FIF3 D -V . SHX02 | | H1D.U - | | H043 | TS5CC-28 | 2 | | CS-HX02 | | HHFCU | 16 | 112300 P024 | 036 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 049 | HIFI FIF1 D -V . D2 | | H1D.S - | | H039 | TS5CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P024 | 038 | 1H 1H |
| 045 | HIFI FIF2 D -V . D2 | | H1D.S - | | H041 | TS5CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P024 | 024 | 1H 1H |
| 041 | HIFI FIF3 D -V . D2 | | H1D.U - | | H043 | TS5CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P024 | 009 | 1H 1H |
| 015 | HIFI FIF4 D -V . D2 | | H1D.U - | | H045 | TS5CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P024 | 040 | 1H 1H |
| 040 | HIFI FIF3 D -V . DRTN | | H1D.U - | | H043 | TS5CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P024 | 025 | 1H 1H |

Pin Allocation List

(Harness)

Connector: 311100 P004
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-03

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|---------------------------------|----------------|---------|------|--------|----------|-----|-------|------------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 058 | HIFI FIF1 D -V . SHX03 | | H1D.S - | | H039 | TS5CC-28 | 3 | | | CS-HX03 | HHFCU | 16 | 112300 P024 | 008 | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| 037 | HIFI FIF5 D -V . D2 | | H1D.U - | | H047 | TS5CC-28 | 4 | HX04 | | | HHFCU | 16 | 112300 P024 | 026 | 1H 1H |
| 002 | HIFI FIF6 D -V . D2 | | H1D.U - | | H049 | TS5CC-28 | 4 | HX04 | | | HHFCU | 16 | 112300 P024 | 011 | 1H 1H |
| 057 | HIFI FIF7 D -V . D2 | | H1D.U - | | H051 | TS5CC-28 | 4 | HX04 | | | HHFCU | 16 | 112300 P024 | 042 | 1H 1H |
| 024 | HIFI FIF4 D -V . DRTN | | H1D.U - | | H045 | TS5CC-28 | 4 | HX04 | | | HHFCU | 16 | 112300 P024 | 027 | 1H 1H |
| 023 | HIFI FIF4 D -V . TST | | H1D.U - | | H045 | TS5CC-28 | 4 | HX04 | | | HHFCU | 16 | 112300 P024 | 010 | 1H 1H |
| 022 | HIFI FIF4 D -V . SHX04 | | H1D.U - | | H045 | TS5CC-28 | 4 | | CS-HX04 | | HHFCU | 16 | 112300 P024 | 012 | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| 025 | HIFI FIF1 G -V . G1 | | H1G.S - | | H040 | TS4CC-28 | 5 | HX05 | | | HHFCU | 16 | 112300 P024 | 006 | 3H 2H |
| 042 | HIFI FIF2 G -V . G1 | | H1G.S - | | H042 | TS4CC-28 | 5 | HX05 | | | HHFCU | 16 | 112300 P024 | 022 | 1H 1H |
| 035 | HIFI FIF1 G -V . GRTN | | H1G.S - | | H040 | TS4CC-28 | 5 | HX05 | | | HHFCU | 16 | 112300 P024 | 007 | 3H 2H |
| 021 | HIFI FIF4 G -V . GRTN | | H1G.V - | | H046 | TS4CC-28 | 5 | HX05 | | | HHFCU | 16 | 112300 P024 | 037 | 1H 1H |
| 027 | HIFI FIF3 G -V . SHX05 | | H1G.V - | | H044 | TS4CC-28 | 5 | | CS-HX05 | | HHFCU | 16 | 112300 P024 | 023 | 1H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 036 | HIFI FIF1 G -V . G2 | | H1G.S - | | H040 | TS4CC-28 | 6 | HX06 | | | HHFCU | 16 | 112300 P024 | 028 | 3H 2H |
| 043 | HIFI FIF2 G -V . G2 | | H1G.S - | | H042 | TS4CC-28 | 6 | HX06 | | | HHFCU | 16 | 112300 P024 | 043 | 1H 1H |
| 032 | HIFI FIF2 G -V . GRTN | | H1G.S - | | H042 | TS4CC-28 | 6 | HX06 | | | HHFCU | 16 | 112300 P024 | 013 | 1H 1H |
| 038 | HIFI FIF3 G -V . GRTN | | H1G.V - | | H044 | TS4CC-28 | 6 | HX06 | | | HHFCU | 16 | 112300 P024 | 029 | 1H 1H |
| 016 | HIFI FIF1 G -V . SHX06 | | H1G.S - | | H040 | TS4CC-28 | 6 | | CS-HX06 | | HHFCU | 16 | 112300 P024 | 014 | 1H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 046 | Interconnection Star Pin . DRTN | | | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 044 | to be con to Pin 046 . DRTN | | - | | | | | | HX01 | | | | | | 1H |
| 060 | to be con to Pin 046 . DRTN | | - | | | | | | HX02 | | | | | | 1H |
| 040 | to be con to Pin 046 . DRTN | | - | | | | | | HX03 | | | | | | 1H |
| 024 | to be con to Pin 046 . DRTN | | - | | | | | | HX04 | | | | | | 1H |
| 026 | to be con to Pin 046 . DRTN | | - | | | | | | | | | | | | 1H |
| 003 | to be con to Pin 046 . DRTN | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| 004 | Interconnection Star Pin . G1 | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 042 | to be con to Pin 004 . G1 | | - | | | | | | HX05 | | | | | | 1H |
| 010 | to be con to Pin 004 . G1 | | - | | | | | | | | | | | | 1H |
| 012 | to be con to Pin 004 . G1 | | - | | | | | | | | | | | | 1H |
| 028 | to be con to Pin 004 . G1 | | - | | | | | | | | | | | | 1H |

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Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 322 (of 474)

Connector: 311100 P004**Function / Bundle:** HIFI SVM SIH-XH-03**Conn.-Type:** SCC340104401B06G2235SN**Item:** HHSVMCB1**Backshell:** 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|---------------------------------|----------------|--------|------|--------|--------|-----|-------|------------------------------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 077 | to be con to Pin 004 . G1 | | - | | | | | | | | | | | | 1H |
| 025 | to be con to Pin 004 . G1 | | - | | | | | | HX05 | | | | | | 3H |
| - | | | | | | | | | | | | | | | |
| 005 | Interconnection Star Pin . G2 | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 043 | to be con to Pin 005 . G2 | | - | | | | | | HX06 | | | | | | 1H |
| 013 | to be con to Pin 005 . G2 | | - | | | | | | | | | | | | 1H |
| 019 | to be con to Pin 005 . G2 | | - | | | | | | | | | | | | 1H |
| 039 | to be con to Pin 005 . G2 | | - | | | | | | | | | | | | 1H |
| 086 | to be con to Pin 005 . G2 | | - | | | | | | | | | | | | 1H |
| 036 | to be con to Pin 005 . G2 | | - | | | | | | HX06 | | | | | | 3H |
| - | | | | | | | | | | | | | | | |
| 006 | Interconnection Star Pin . GRTN | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 021 | to be con to Pin 006 . GRTN | | - | | | | | | HX05 | | | | | | 1H |
| 032 | to be con to Pin 006 . GRTN | | - | | | | | | HX06 | | | | | | 1H |
| 038 | to be con to Pin 006 . GRTN | | - | | | | | | HX06 | | | | | | 1H |
| 011 | to be con to Pin 006 . GRTN | | - | | | | | | | | | | | | 1H |
| 094 | to be con to Pin 006 . GRTN | | - | | | | | | | | | | | | 1H |
| 035 | to be con to Pin 006 . GRTN | | - | | | | | | | | | | | | 3H |
| - | | | | | | | | | | | | | | | |
| 007 | Interconnection Star Pin . SHD | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 033 | to be con to Pin 007 . SHX01 | | - | | | | | | HX01 | | | | | | 1H |
| 029 | to be con to Pin 007 . SHX02 | | - | | | | | | HX02 | | | | | | 1H |
| 058 | to be con to Pin 007 . SHX03 | | - | | | | | | HX03 | | | | | | 1H |
| 022 | to be con to Pin 007 . SHX04 | | - | | | | | | HX04 | | | | | | 1H |
| 027 | to be con to Pin 007 . SHX05 | | - | | | | | | HX05 | | | | | | 1H |
| 016 | to be con to Pin 007 . SHX06 | | - | | | | | | HX06 | | | | | | 1H |
| 008 | to be con to Pin 007 . SHD | | - | | | | | | | | | | | | 1H |
| 009 | to be con to Pin 007 . SHD | | - | | | | | | | | | | | | 1H |
| 018 | to be con to Pin 007 . SHD | | - | | | | | | | | | | | | 1H |
| 020 | to be con to Pin 007 . SHD | | - | | | | | | | | | | | | 1H |
| 031 | to be con to Pin 007 . SHD | | - | | | | | | | | | | | | 1H |
| 047 | to be con to Pin 007 . SHD | | - | | | | | | | | | | | | 1H |
| 067 | to be con to Pin 007 . SHD | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 323 (of 474)

Connector: 311100 P004
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-03

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------------|----------------|--------|------|--------|--------|-----|-------|-------|-------------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 095 | Internonnection Star Pin . SHD08 | | - | | | | | | | Start Pin for Shield intercon | | | | | 3H |
| 098 | to be con to pin 095 . SHD09 | | - | | | | | | | CS-H009 | | | | | 3H |
| 087 | to be con to pin 095 . SHD10 | | - | | | | | | | CS-H010 | | | | | 3H |
| 071 | to be con to pin 095 . SHD11 | | - | | | | | | | CS-H011 | | | | | 3H |
| 083 | to be con to pin 095 . SHD12 | | - | | | | | | | CS-H012 | | | | | 3H |
| 053 | to be con to pin 095 . SHD13 | | - | | | | | | | CS-H013 | | | | | 3H |
| 050 | to be con to pin 095 . SHD14 | | - | | | | | | | CS-S014 | | | | | 3H |
| - | | | | | | | | | | | | | | | 3H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |

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Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 324 (of 474)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112300 P021
Item: HHFCU
Function / Bundle: HIFI FCU SIH-XH-03
Conn.-Type: SCC340100202BDBMA44SNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 032 | HIFI MX1-V . B | HMX | HMX.S | - | H008 | TS5CC-28 | 8 | | | | HHSVMCB1 | 25 | 311100 P004 | 096 | 1H | 1H |
| 003 | HIFI MX1-V . BRTN | HMX | HMX.S | - | H008 | TS5CC-28 | 8 | | | | HHSVMCB1 | 25 | 311100 P004 | 088 | 1H | 1H |
| 002 | HIFI MX1-V . VM | HMX | HMX.S | - | H008 | TS5CC-28 | 8 | | | | HHSVMCB1 | 25 | 311100 P004 | 097 | 1H | 1H |
| 018 | HIFI MX1-V . VMRTN | HMX | HMX.S | - | H008 | TS5CC-28 | 8 | | | | HHSVMCB1 | 25 | 311100 P004 | 089 | 1H | 1H |
| 033 | HIFI MX1-V . IM | HMX | HMX.S | - | H008 | TS5CC-28 | 8 | | | | HHSVMCB1 | 25 | 311100 P004 | 090 | 1H | 1H |
| 001 | HIFI MX1-V . SHD08 | | HMX.S | - | H008 | TS5CC-28 | 8 | | CS-H008 | | HHSVMCB1 | 25 | 311100 P004 | 095 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 019 | HIFI MX2-V . B | HMX | HMX.S | - | H009 | TS5CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P004 | 091 | 1H | 1H |
| 035 | HIFI MX2-V . BRTN | HMX | HMX.S | - | H009 | TS5CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P004 | 092 | 1H | 1H |
| 034 | HIFI MX2-V . VM | HMX | HMX.S | - | H009 | TS5CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P004 | 099 | 1H | 1H |
| 004 | HIFI MX2-V . VMRTN | HMX | HMX.S | - | H009 | TS5CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P004 | 093 | 1H | 1H |
| 020 | HIFI MX2-V . IM | HMX | HMX.S | - | H009 | TS5CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P004 | 100 | 1H | 1H |
| 017 | HIFI MX2-V . SHD09 | | HMX.S | - | H009 | TS5CC-28 | 9 | | CS-H009 | | HHSVMCB1 | 25 | 311100 P004 | 098 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 005 | HIFI MX3-V . B | HMX | HMX.S | - | H010 | TS5CC-28 | 10 | | | | HHSVMCB1 | 25 | 311100 P004 | 069 | 1H | 1H |
| 022 | HIFI MX3-V . BRTN | HMX | HMX.S | - | H010 | TS5CC-28 | 10 | | | | HHSVMCB1 | 25 | 311100 P004 | 068 | 1H | 1H |
| 021 | HIFI MX3-V . VM | HMX | HMX.S | - | H010 | TS5CC-28 | 10 | | | | HHSVMCB1 | 25 | 311100 P004 | 070 | 1H | 1H |
| 036 | HIFI MX3-V . VMRTN | HMX | HMX.S | - | H010 | TS5CC-28 | 10 | | | | HHSVMCB1 | 25 | 311100 P004 | 078 | 1H | 1H |
| 006 | HIFI MX3-V . IM | HMX | HMX.S | - | H010 | TS5CC-28 | 10 | | | | HHSVMCB1 | 25 | 311100 P004 | 079 | 1H | 1H |
| 031 | HIFI MX3-V . SHD10 | | HMX.S | - | H010 | TS5CC-28 | 10 | | CS-H010 | | HHSVMCB1 | 25 | 311100 P004 | 087 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 037 | HIFI MX4-V . B | HMX | HMX.S | - | H011 | TS5CC-28 | 11 | | | | HHSVMCB1 | 25 | 311100 P004 | 081 | 1H | 1H |
| 008 | HIFI MX4-V . BRTN | HMX | HMX.S | - | H011 | TS5CC-28 | 11 | | | | HHSVMCB1 | 25 | 311100 P004 | 080 | 1H | 1H |
| 007 | HIFI MX4-V . VM | HMX | HMX.S | - | H011 | TS5CC-28 | 11 | | | | HHSVMCB1 | 25 | 311100 P004 | 072 | 1H | 1H |
| 023 | HIFI MX4-V . VMRTN | HMX | HMX.S | - | H011 | TS5CC-28 | 11 | | | | HHSVMCB1 | 25 | 311100 P004 | 082 | 1H | 1H |
| 038 | HIFI MX4-V . IM | HMX | HMX.S | - | H011 | TS5CC-28 | 11 | | | | HHSVMCB1 | 25 | 311100 P004 | 073 | 1H | 1H |
| 014 | HIFI MX4-V . SHD11 | | HMX.S | - | H011 | TS5CC-28 | 11 | | CS-H011 | | HHSVMCB1 | 25 | 311100 P004 | 071 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 024 | HIFI MX5-V . B | HMX | HMX.S | - | H012 | TS5CC-28 | 12 | | | | HHSVMCB1 | 25 | 311100 P004 | 076 | 1H | 1H |
| 040 | HIFI MX5-V . BRTN | HMX | HMX.S | - | H012 | TS5CC-28 | 12 | | | | HHSVMCB1 | 25 | 311100 P004 | 075 | 1H | 1H |
| 039 | HIFI MX5-V . VM | HMX | HMX.S | - | H012 | TS5CC-28 | 12 | | | | HHSVMCB1 | 25 | 311100 P004 | 084 | 1H | 1H |
| 009 | HIFI MX5-V . VMRTN | HMX | HMX.S | - | H012 | TS5CC-28 | 12 | | | | HHSVMCB1 | 25 | 311100 P004 | 074 | 1H | 1H |
| 025 | HIFI MX5-V . IM | HMX | HMX.S | - | H012 | TS5CC-28 | 12 | | | | HHSVMCB1 | 25 | 311100 P004 | 085 | 1H | 1H |
| 044 | HIFI MX5-V . SHD12 | | HMX.S | - | H012 | TS5CC-28 | 12 | | CS-H012 | | HHSVMCB1 | 25 | 311100 P004 | 083 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 112300 P021
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-03

Conn.-Type: SCC340100202BDBMA44SNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | |
| 010 | HIFI MX6-V . B | HMX | HMX.S | - | H013 | TS5CC-28 | 13 | | | | HHSVMCB1 | 25 | 311100 P004 | 054 | 1H 1H |
| 027 | HIFI MX6-V . BRTN | HMX | HMX.S | - | H013 | TS5CC-28 | 13 | | | | HHSVMCB1 | 25 | 311100 P004 | 065 | 1H 1H |
| 026 | HIFI MX6-V . VM | HMX | HMX.S | - | H013 | TS5CC-28 | 13 | | | | HHSVMCB1 | 25 | 311100 P004 | 055 | 1H 1H |
| 041 | HIFI MX6-V . VMRTN | HMX | HMX.S | - | H013 | TS5CC-28 | 13 | | | | HHSVMCB1 | 25 | 311100 P004 | 066 | 1H 1H |
| 011 | HIFI MX6-V . IM | HMX | HMX.S | - | H013 | TS5CC-28 | 13 | | | | HHSVMCB1 | 25 | 311100 P004 | 064 | 1H 1H |
| 029 | HIFI MX6-V . SHD13 | | HMX.S | - | H013 | TS5CC-28 | 13 | | CS-H013 | | HHSVMCB1 | 25 | 311100 P004 | 053 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 042 | HIFI MX7-V . B | HMX | HMX.S | - | H014 | TS5CC-28 | 14 | | | | HHSVMCB1 | 25 | 311100 P004 | 051 | 1H 1H |
| 013 | HIFI MX7-V . BRTN | HMX | HMX.S | - | H014 | TS5CC-28 | 14 | | | | HHSVMCB1 | 25 | 311100 P004 | 062 | 1H 1H |
| 012 | HIFI MX7-V . VM | HMX | HMX.S | - | H014 | TS5CC-28 | 14 | | | | HHSVMCB1 | 25 | 311100 P004 | 052 | 1H 1H |
| 028 | HIFI MX7-V . VMRTN | HMX | HMX.S | - | H014 | TS5CC-28 | 14 | | | | HHSVMCB1 | 25 | 311100 P004 | 063 | 1H 1H |
| 043 | HIFI MX7-V . IM | HMX | HMX.S | - | H014 | TS5CC-28 | 14 | | | | HHSVMCB1 | 25 | 311100 P004 | 061 | 1H 1H |
| 030 | HIFI MX7-V . SHD14 | | HMX.S | - | H014 | TS5CC-28 | 14 | | CS-H014 | | HHSVMCB1 | 25 | 311100 P004 | 050 | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| 015 | NC | | | | | | | | | | | | | | |
| 016 | NC | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 112300 P024
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-03

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|---------|----------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 017 | HIFI FIF1 D -V . D1 | H1D | H1D.S | - | H039 | TS5CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P004 | 048 | 1H | 1H | |
| 002 | HIFI FIF2 D -V . D1 | H1D | H1D.S | - | H041 | TS5CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P004 | 034 | 1H | 1H | |
| 033 | HIFI FIF3 D -V . D1 | H1D | H1D.U | - | H043 | TS5CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P004 | 030 | 1H | 1H | |
| 018 | HIFI FIF2 D -V . DRTN | H1D | H1D.S | - | H041 | TS5CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P004 | 044 | 1H | 1H | |
| 003 | HIFI FIF1 D -V . TST | H1D | H1D.S | - | H039 | TS5CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P004 | 059 | 1H | 1H | |
| 001 | HIFI FIF2 D -V . SHX01 | | H1D.S | - | H041 | TS5CC-28 | 1 | | CS-HX01 | HHSVMCB1 | 25 | 311100 P004 | 033 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 019 | HIFI FIF4 D -V . D1 | H1D | H1D.U | - | H045 | TS5CC-28 | 2 | HX02 | | HHSVMCB1 | 25 | 311100 P004 | 014 | 1H | 1H | |
| 004 | HIFI FIF5 D -V . D1 | H1D | H1D.U | - | H047 | TS5CC-28 | 2 | HX02 | | HHSVMCB1 | 25 | 311100 P004 | 017 | 1H | 1H | |
| 035 | HIFI FIF6 D -V . D1 | H1D | H1D.U | - | H049 | TS5CC-28 | 2 | HX02 | | HHSVMCB1 | 25 | 311100 P004 | 001 | 1H | 1H | |
| 021 | HIFI FIF7 D -V . D1 | H1D | H1D.U | - | H051 | TS5CC-28 | 2 | HX02 | | HHSVMCB1 | 25 | 311100 P004 | 056 | 1H | 1H | |
| 005 | HIFI FIF1 D -V . DRTN | H1D | H1D.S | - | H039 | TS5CC-28 | 2 | HX02 | | HHSVMCB1 | 25 | 311100 P004 | 060 | 1H | 1H | |
| 036 | HIFI FIF3 D -V . SHX02 | SHD | H1D.U | - | H043 | TS5CC-28 | 2 | | CS-HX02 | HHSVMCB1 | 25 | 311100 P004 | 029 | 1H | 1H | |
| - | | | | | | | | | | | | | | | | |
| 038 | HIFI FIF1 D -V . D2 | H1D | H1D.S | - | H039 | TS5CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P004 | 049 | 1H | 1H | |
| 024 | HIFI FIF2 D -V . D2 | H1D | H1D.S | - | H041 | TS5CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P004 | 045 | 1H | 1H | |
| 009 | HIFI FIF3 D -V . D2 | H1D | H1D.U | - | H043 | TS5CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P004 | 041 | 1H | 1H | |
| 040 | HIFI FIF4 D -V . D2 | H1D | H1D.U | - | H045 | TS5CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P004 | 015 | 1H | 1H | |
| 025 | HIFI FIF3 D -V . DRTN | H1D | H1D.U | - | H043 | TS5CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P004 | 040 | 1H | 1H | |
| 008 | HIFI FIF1 D -V . SHX03 | SHD | H1D.S | - | H039 | TS5CC-28 | 3 | | CS-HX03 | HHSVMCB1 | 25 | 311100 P004 | 058 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 026 | HIFI FIF5 D -V . D2 | H1D | H1D.U | - | H047 | TS5CC-28 | 4 | HX04 | | HHSVMCB1 | 25 | 311100 P004 | 037 | 1H | 1H | |
| 011 | HIFI FIF6 D -V . D2 | H1D | H1D.U | - | H049 | TS5CC-28 | 4 | HX04 | | HHSVMCB1 | 25 | 311100 P004 | 002 | 1H | 1H | |
| 042 | HIFI FIF7 D -V . D2 | H1D | H1D.U | - | H051 | TS5CC-28 | 4 | HX04 | | HHSVMCB1 | 25 | 311100 P004 | 057 | 1H | 1H | |
| 027 | HIFI FIF4 D -V . DRTN | H1D | H1D.U | - | H045 | TS5CC-28 | 4 | HX04 | | HHSVMCB1 | 25 | 311100 P004 | 024 | 1H | 1H | |
| 010 | HIFI FIF4 D -V . TST | H1D | H1D.U | - | H045 | TS5CC-28 | 4 | HX4 | | HHSVMCB1 | 25 | 311100 P004 | 023 | 1H | 1H | |
| 012 | HIFI FIF4 D -V . SHX04 | | H1D.U | - | H045 | TS5CC-28 | 4 | | CS-HX04 | HHSVMCB1 | 25 | 311100 P004 | 022 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 022 | HIFI FIF2 G -V . G1 | H1G | H1G.S | - | H042 | TS4CC-28 | 5 | HX05 | | HHSVMCB1 | 25 | 311100 P004 | 042 | 1H | 1H | |
| 028 | HIFI FIF1 G -V . G2 | H1G | H1G.S | - | H040 | TS4CC-28 | 5 | HX05 | | HHSVMCB1 | 25 | 311100 P004 | 036 | 2H | 3H | |
| 007 | HIFI FIF1 G -V . GRTN | H1G | H1G.S | - | H040 | TS4CC-28 | 5 | HX05 | | HHSVMCB1 | 25 | 311100 P004 | 035 | 2H | 3H | |
| 037 | HIFI FIF4 G -V . GRTN | H1G | H1G.V | - | H046 | TS4CC-28 | 5 | HX05 | | HHSVMCB1 | 25 | 311100 P004 | 021 | 1H | 1H | |
| 023 | HIFI FIF3 G -V . SHX05 | SHD | H1G.V | - | H044 | TS4CC-28 | 5 | | CS-HX05 | HHSVMCB1 | 25 | 311100 P004 | 027 | 3H | 1H | |
| - | | | | | | | | | | | | | | | | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 328 (of 474)

Connector: 112300 P024
Item: HHFCU
Function / Bundle: HIFI FCU SIH-XH-03
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|----------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 2H | 3H |
| 006 | HIFI FIF1 G -V . G1 | H1G | H1G.S | - | H040 | TS4CC-28 | 6 | HX06 | | HHSVMCB1 | 25 | 311100 P004 | 025 | 2H | 3H | |
| 043 | HIFI FIF2 G -V . G2 | H1G | H1G.S | - | H042 | TS4CC-28 | 6 | HX06 | | HHSVMCB1 | 25 | 311100 P004 | 043 | 1H | 1H | |
| 013 | HIFI FIF2 G -V . GRN | H1G | H1G.S | - | H042 | TS4CC-28 | 6 | HX06 | | HHSVMCB1 | 25 | 311100 P004 | 032 | 1H | 1H | |
| 029 | HIFI FIF3 G -V . GRN | H1G | H1G.V | - | H044 | TS4CC-28 | 6 | HX06 | | HHSVMCB1 | 25 | 311100 P004 | 038 | 1H | 1H | |
| 014 | HIFI FIF1 G -V . SHX06 | | H1G.S | - | H040 | TS4CC-28 | 6 | | CS-HX06 | HHSVMCB1 | 25 | 311100 P004 | 016 | 3H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 016 | NC | | | | | | | | | | | | | | | |
| 031 | NC | | | | | | | | | | | | | | | |
| 032 | NC | | | | | | | | | | | | | | | |
| 034 | NC | | | | | | | | | | | | | | | |
| 020 | NC | | | | | | | | | | | | | | | |
| 041 | NC | | | | | | | | | | | | | | | |
| 044 | NC | | | | | | | | | | | | | | | |
| 030 | NC | | | | | | | | | | | | | | | |
| 015 | NC | | | | | | | | | | | | | | | |
| 039 | NC | | | | | | | | | | | | | | | |

Pin Allocation List

(Harness)

Connector: 311100 P005
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-04

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 052 | HIFI SIF D1 -V . SIF1 | | H2D.S - | | H059 | TS5CC-28 | 1 | 059-1 | | HHFCU | 16 | 112300 P025 | 001 | 1H | 1H | |
| 063 | HIFI SIF D1 -V . SIF2 | | H2D.S - | | H059 | TS5CC-28 | 1 | 059-1 | | HHFCU | 16 | 112300 P025 | 044 | 1H | 1H | |
| 051 | HIFI SIF D1 -V . SIF3 | | H2D.S - | | H059 | TS5CC-28 | 1 | 059-1 | | HHFCU | 16 | 112300 P025 | 024 | 1H | 1H | |
| 066 | HIFI SIF D1 -V . TST | | H2D.S - | | H059 | TS5CC-28 | 1 | 059-1 | | HHFCU | 16 | 112300 P025 | 023 | 1H | 1H | |
| 061 | HIFI SIF D1 -V . RTN1 | | H2D.S - | | H059 | TS5CC-28 | 1 | 059-1 | | HHFCU | 16 | 112300 P025 | 043 | 1H | 1H | |
| 050 | HIFI SIF D1 -V . SHD01 | | H2D.S - | | H059 | TS5CC-28 | 1 | | CS-059-1 | HHFCU | 16 | 112300 P025 | 022 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| 062 | HIFI SIF D1 -V . SIF4 | | H2D.S - | | H059 | TS5CC-28 | 2 | 059-2 | | HHFCU | 16 | 112300 P025 | 003 | 1H | 1H | |
| 054 | HIFI SIF D1 -V . SIF5 | | H2D.S - | | H059 | TS5CC-28 | 2 | 059-2 | | HHFCU | 16 | 112300 P025 | 046 | 1H | 1H | |
| 065 | HIFI SIF D1 -V . SIF6 | | H2D.S - | | H059 | TS5CC-28 | 2 | 059-2 | | HHFCU | 16 | 112300 P025 | 026 | 1H | 1H | |
| 055 | HIFI SIF D1 -V . SIF7 | | H2D.S - | | H059 | TS5CC-28 | 2 | 059-2 | | HHFCU | 16 | 112300 P025 | 005 | 1H | 1H | |
| 064 | HIFI SIF D1 -V . RTN2 | | H2D.S - | | H059 | TS5CC-28 | 2 | 059-2 | | HHFCU | 16 | 112300 P025 | 025 | 1H | 1H | |
| 053 | HIFI SIF D1 -V . SHD02 | | H2D.S - | | H059 | TS5CC-28 | 2 | | CS-059-2 | HHFCU | 16 | 112300 P025 | 047 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| 059 | HIFI SIF G1 -V . GA | | H2G.S - | | H060 | TS4CC-28 | 3 | | | HHFCU | 16 | 112300 P025 | 006 | 1H | 1H | |
| 048 | HIFI SIF G1 -V . ARTN | | H2G.S - | | H060 | TS4CC-28 | 3 | | | HHFCU | 16 | 112300 P025 | 028 | 1H | 1H | |
| 060 | HIFI SIF G1 -V . GB | | H2G.S - | | H060 | TS4CC-28 | 3 | | | HHFCU | 16 | 112300 P025 | 048 | 1H | 1H | |
| 049 | HIFI SIF G1 -V . BRTN | | H2G.S - | | H060 | TS4CC-28 | 3 | | | HHFCU | 16 | 112300 P025 | 049 | 1H | 1H | |
| 047 | HIFI SIF G1 -V . SHD03 | | H2G.S - | | H060 | TS4CC-28 | 3 | | CS-H060 | HHFCU | 16 | 112300 P025 | 027 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| 030 | HIFI SIF D2 -V . SIF1 | | H2D.S - | | H061 | TS5CC-28 | 4 | 061-1 | | HHFCU | 16 | 112300 P025 | 050 | 1H | 1H | |
| 041 | HIFI SIF D2 -V . SIF2 | | H2D.S - | | H061 | TS5CC-28 | 4 | 061-1 | | HHFCU | 16 | 112300 P025 | 030 | 1H | 1H | |
| 042 | HIFI SIF D2 -V . SIF3 | | H2D.S - | | H061 | TS5CC-28 | 4 | 061-1 | | HHFCU | 16 | 112300 P025 | 009 | 1H | 1H | |
| 045 | HIFI SIF D2 -V . TST | | H2D.S - | | H061 | TS5CC-28 | 4 | 061-1 | | HHFCU | 16 | 112300 P025 | 008 | 1H | 1H | |
| 040 | HIFI SIF D2 -V . RTN1 | | H2D.S - | | H061 | TS5CC-28 | 4 | 061-1 | | HHFCU | 16 | 112300 P025 | 051 | 1H | 1H | |
| 029 | HIFI SIF D2 -V . SHD04 | | H2D.S - | | H061 | TS5CC-28 | 4 | | CS-061-1 | HHFCU | 16 | 112300 P025 | 029 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| 031 | HIFI SIF D2 -V . SIF4 | | H2D.S - | | H061 | TS5CC-28 | 5 | 061-2 | | HHFCU | 16 | 112300 P025 | 052 | 1H | 1H | |
| 033 | HIFI SIF D2 -V . SIF5 | | H2D.S - | | H061 | TS5CC-28 | 5 | 061-2 | | HHFCU | 16 | 112300 P025 | 032 | 1H | 1H | |
| 044 | HIFI SIF D2 -V . SIF6 | | H2D.S - | | H061 | TS5CC-28 | 5 | 061-2 | | HHFCU | 16 | 112300 P025 | 011 | 1H | 1H | |
| 034 | HIFI SIF D2 -V . SIF7 | | H2D.S - | | H061 | TS5CC-28 | 5 | 061-2 | | HHFCU | 16 | 112300 P025 | 054 | 1H | 1H | |
| 043 | HIFI SIF D2 -V . RTN2 | | H2D.S - | | H061 | TS5CC-28 | 5 | 061-2 | | HHFCU | 16 | 112300 P025 | 033 | 1H | 1H | |
| 032 | HIFI SIF D2 -V . SHD05 | | H2D.S - | | H061 | TS5CC-28 | 5 | 061-2 | CS-061-2 | HHFCU | 16 | 112300 P025 | 010 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |

Pin Allocation List

(Harness)

Connector: 311100 P005
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-04

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|---------|-------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 038 | HIFI SIF G2 -V . GA | | H2G.S - | | H062 | TS4CC-28 | 6 | | | | HHFCU | 16 | 112300 P025 | 034 | 1H | 1H |
| 027 | HIFI SIF G2 -V . ARTN | | H2G.S - | | H062 | TS4CC-28 | 6 | | | | HHFCU | 16 | 112300 P025 | 013 | 1H | 1H |
| 039 | HIFI SIF G2 -V . GB | | H2G.S - | | H062 | TS4CC-28 | 6 | | | | HHFCU | 16 | 112300 P025 | 055 | 3H | 1H |
| 028 | HIFI SIF G2 -V . BRTN | | H2G.S - | | H062 | TS4CC-28 | 6 | | | | HHFCU | 16 | 112300 P025 | 035 | 1H | 1H |
| 037 | HIFI SIF G2 -V . SHD06 | | H2G.S - | | H062 | TS4CC-28 | 6 | | | CS-H062 | HHFCU | 16 | 112300 P025 | 012 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 012 | HIFI SIF D3 -V . SIF1 | | H2D.S - | | H063 | TS5CC-28 | 7 | 063-1 | | | HHFCU | 16 | 112300 P025 | 036 | 1H | 1H |
| 021 | HIFI SIF D3 -V . SIF2 | | H2D.S - | | H063 | TS5CC-28 | 7 | 063-1 | | | HHFCU | 16 | 112300 P025 | 015 | 1H | 1H |
| 011 | HIFI SIF D3 -V . SIF3 | | H2D.S - | | H063 | TS5CC-28 | 7 | 063-1 | | | HHFCU | 16 | 112300 P025 | 058 | 1H | 1H |
| 023 | HIFI SIF D3 -V . TST | | H2D.S - | | H063 | TS5CC-28 | 8 | 063-2 | | | HHFCU | 16 | 112300 P025 | 057 | 1H | 1H |
| 019 | HIFI SIF D3 -V . RTN1 | | H2D.S - | | H063 | TS5CC-28 | 7 | 063-1 | | | HHFCU | 16 | 112300 P025 | 016 | 1H | 1H |
| 010 | HIFI SIF D3 -V . SHD07 | | H2D.S - | | H063 | TS5CC-28 | 7 | 063-1 | | CS-063-1 | HHFCU | 16 | 112300 P025 | 014 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 020 | HIFI SIF D3 -V . SIF4 | | H2D.S - | | H063 | TS5CC-28 | 7 | 063-1 | | | HHFCU | 16 | 112300 P025 | 038 | 1H | 1H |
| 015 | HIFI SIF D3 -V . SIF5 | | H2D.S - | | H063 | TS5CC-28 | 8 | 063-2 | | | HHFCU | 16 | 112300 P025 | 017 | 1H | 1H |
| 024 | HIFI SIF D3 -V . SIF6 | | H2D.S - | | H063 | TS5CC-28 | 8 | 063-2 | | | HHFCU | 16 | 112300 P025 | 060 | 1H | 1H |
| 014 | HIFI SIF D3 -V . SIF7 | | H2D.S - | | H063 | TS5CC-28 | 8 | 063-2 | | | HHFCU | 16 | 112300 P025 | 040 | 1H | 1H |
| 022 | HIFI SIF D3 -V . RTN2 | | H2D.S - | | H063 | TS5CC-28 | 8 | 063-2 | | | HHFCU | 16 | 112300 P025 | 039 | 1H | 1H |
| 013 | HIFI SIF D3 -V . SHD08 | | H2D.S - | | H063 | TS5CC-28 | 8 | 063-2 | | CS-063-2 | HHFCU | 16 | 112300 P025 | 061 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 004 | HIFI SIF G3 -V . GA | | H2G.S - | | H064 | TS4CC-28 | 9 | | | | HHFCU | 16 | 112300 P025 | 019 | 1H | 1H |
| 005 | HIFI SIF G3 -V . ARTN | | H2G.S - | | H064 | TS4CC-28 | 9 | | | | HHFCU | 16 | 112300 P025 | 020 | 1H | 1H |
| 007 | HIFI SIF G3 -V . GB | | H2G.S - | | H064 | TS4CC-28 | 9 | | | | HHFCU | 16 | 112300 P025 | 041 | 1H | 1H |
| 006 | HIFI SIF G3 -V . BRTN | | H2G.S - | | H064 | TS4CC-28 | 9 | | | | HHFCU | 16 | 112300 P025 | 062 | 1H | 1H |
| 003 | HIFI SIF G3 -V . SHD09 | | H2G.S - | | H064 | TS4CC-28 | 9 | | | CS-H064 | HHFCU | 16 | 112300 P025 | 021 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 079 | HIFI MGHT1 -V . HT | | HMH.S - | | H020 | TS4CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P022 | 003 | 1H | 1H |
| 097 | HIFI MGHT2 -V . HT | | HMH.S - | | H021 | TS4CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P022 | 004 | 1H | 1H |
| 099 | HIFI MGHT3 -V . HT | | HMH.S - | | H022 | TS4CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P022 | 006 | 1H | 1H |
| 070 | HIFI MGHT1 -V . HTRTN | | HMH.S - | | H020 | TS4CC-28 | 10 | HX10 | | | HHFCU | 16 | 112300 P022 | 005 | 1H | 1H |
| 069 | HIFI MGHT1 -V . SHX10 | | HMH.S - | | H020 | TS4CC-28 | 10 | | | CS-HX10 | HHFCU | 16 | 112300 P022 | 002 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 081 | HIFI MGHT4 -V . HT | | HMH.X - | | H023 | TS3CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P022 | 007 | 1H | 1H 1H |
| 084 | HIFI MGHT5 -V . HT | | HMH.X - | | H024 | TS3CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P022 | 008 | 1H | 1H 1H |

Pin Allocation List

(Harness)

Connector: 311100 P005**Function / Bundle:** HIFI SVM SIH-XH-04**Conn.-Type:** SCC340104401B06G2235SN**Item:** HHSVMCB1**Backshell:** 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------------|----------------|---------|------|--------|----------|-----|-------|------------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 074 | HIFI MGHT5 -V . HTRTN | | HMH.X - | | H024 | TS3CC-28 | 11 | HX11 | | | HHFCU | 16 | 112300 P022 | 027 | 1H 1H 1H |
| 076 | HIFI MGHT5 -V . SHX11 | | HMH.X - | | H024 | TS3CC-28 | 11 | | CS-HX11 | | HHFCU | 16 | 112300 P022 | 011 | 1H 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| 080 | HIFI MGHT1 -V . MG | | HMH.S - | | H020 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P022 | 012 | 1H 1H |
| 098 | HIFI MGHT2 -V . MG | | HMH.S - | | H021 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P022 | 014 | 1H 1H |
| 100 | HIFI MGHT3 -V . MG | | HMH.S - | | H022 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P022 | 015 | 1H 1H |
| 071 | HIFI MGHT1 -V . MGRTN | | HMH.S - | | H020 | TS4CC-28 | 12 | HX12 | | | HHFCU | 16 | 112300 P022 | 013 | 1H 1H |
| 093 | HIFI MGHT3 -V . SHX12 | | HMH.S - | | H022 | TS4CC-28 | 12 | | CS-HX12 | | HHFCU | 16 | 112300 P022 | 030 | 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| 082 | HIFI MGHT4 -V . MG | | HMH.X - | | H023 | TS3CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P022 | 034 | 1H 1H 1H |
| 085 | HIFI MGHT5 -V . MG | | HMH.X - | | H024 | TS3CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P022 | 017 | 1H 1H 1H |
| 075 | HIFI MGHT5 -V . MGRTN | | HMH.X - | | H024 | TS3CC-28 | 13 | HX13 | | | HHFCU | 16 | 112300 P022 | 035 | 1H 1H 1H |
| 083 | HIFI MGHT4 -V . SHX13 | | HMH.X - | | H023 | TS3CC-28 | 13 | | CS-HX13 | | HHFCU | 16 | 112300 P022 | 018 | 1H 1H 1H |
| - | | | | | | | | | | | | | | | 1H |
| 013 | Interconnection Star Pin . SHD | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 050 | to be con to Pin 013 . SHD01 | | - | | | | | | 059-1 | | | | | | 1H |
| 053 | to be con to Pin 013 . SHD02 | | - | | | | | | 059-2 | | | | | | 1H |
| 047 | to be con to Pin 013 . SHD03 | | - | | | | | | H060 | | | | | | 1H |
| 029 | to be con to Pin 013 . SHD04 | | - | | | | | | 061-1 | | | | | | 1H |
| 032 | to be con to Pin 013 . SHD05 | | - | | | | | | 061-2 | | | | | | 1H |
| 037 | to be con to Pin 013 . SHD06 | | - | | | | | | H062 | | | | | | 1H |
| 010 | to be con to Pin 013 . SHD07 | | - | | | | | | 063-1 | | | | | | 1H |
| 003 | to be con to Pin 013 . SHD09 | | - | | | | | | H064 | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| 096 | Interconnection Star Pin . SHX | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 069 | to be con to Pin 096 . SHX10 | | - | | | | | | HX10 | | | | | | 3H |
| 076 | to be con to Pin 096 . SHX11 | | - | | | | | | HX11 | | | | | | 3H |
| 093 | to be con to Pin 096 . SHX12 | | - | | | | | | HX12 | | | | | | 3H |
| 083 | to be con to Pin 096 . SHX13 | | - | | | | | | HX13 | | | | | | 3H |
| - | | | | | | | | | | | | | | | 1H |
| 090 | Interconnection Star Pin . MGRTN | | - | | | | | | Star Pin for Interconnection | | | | | | 1H |
| 071 | to be con to Pin 090 . MGRTN | | - | | | | | | HX12 | | | | | | 3H |
| 075 | to be con to Pin 090 . MGRTN | | - | | | | | | HX13 | | | | | | 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 332 (of 474)

Connector: 311100 P005
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-04

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------------|----------------|--------|------|--------|--------|-----|-------|-------|------------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 092 | to be con to Pin 090 . MGRTN | | - | | | | | | | | | | | | 3H |
| 073 | to be con to Pin 090 . MGRTN | | - | | | | | | | | | | | | 3H |
| - | | | | | | | | | | | | | | | 1H |
| 091 | Interconnection Star Pin . HTRTN | | - | | | | | | | Star Pin for Interconnection | | | | | 1H |
| 070 | to be con to Pin 091 . HTRTN | | - | | | | | | | HX10 | | | | | 1H |
| 074 | to be con to Pin 091 . HTRTN | | - | | | | | | | HX11 | | | | | 1H |
| 072 | to be con to Pin 091 . HTRTN | | - | | | | | | | | | | | | 1H |
| 089 | to be con to Pin 091 . HTRTN | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112300 P022
Item: HHFCU
Function / Bundle: HIFI FCU SIH-XH-04
Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|----------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 003 | HIFI MGHT1 -V . HT | HMH | HMH.S | - | H020 | TS4CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P005 | 079 | 1H | 1H | |
| 004 | HIFI MGHT2 -V . HT | HMH | HMH.S | - | H021 | TS4CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P005 | 097 | 1H | 1H | |
| 006 | HIFI MGHT3 -V . HT | HMH | HMH.S | - | H022 | TS4CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P005 | 099 | 1H | 1H | |
| 005 | HIFI MGHT1 -V . HTRTN | HMH | HMH.S | - | H020 | TS4CC-28 | 10 | HX10 | | HHSVMCB1 | 25 | 311100 P005 | 070 | 1H | 1H | |
| 002 | HIFI MGHT1 -V . SHX10 | | HMH.S | - | H020 | TS4CC-28 | 10 | | CS-HX10 | HHSVMCB1 | 25 | 311100 P005 | 069 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 007 | HIFI MGHT4 -V . HT | HMH | HMH.X | - | H023 | TS3CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P005 | 081 | 1H | 1H 1H | |
| 008 | HIFI MGHT5 -V . HT | HMH | HMH.X | - | H024 | TS3CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P005 | 084 | 1H | 1H 1H | |
| 027 | HIFI MGHT5 -V . HTRTN | HMH | HMH.X | - | H024 | TS3CC-28 | 11 | HX11 | | HHSVMCB1 | 25 | 311100 P005 | 074 | 1H | 1H 1H | |
| 011 | HIFI MGHT5 -V . SHX11 | | HMH.X | - | H024 | TS3CC-28 | 11 | | CS-HX11 | HHSVMCB1 | 25 | 311100 P005 | 076 | 1H | 1H 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 012 | HIFI MGHT1 -V . MG | HMH | HMH.S | - | H020 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P005 | 080 | 1H | 1H | |
| 014 | HIFI MGHT2 -V . MG | HMH | HMH.S | - | H021 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P005 | 098 | 1H | 1H | |
| 015 | HIFI MGHT3 -V . MG | HMH | HMH.S | - | H022 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P005 | 100 | 1H | 1H | |
| 013 | HIFI MGHT1 -V . MGRTN | HMH | HMH.S | - | H020 | TS4CC-28 | 12 | HX12 | | HHSVMCB1 | 25 | 311100 P005 | 071 | 1H | 1H | |
| 030 | HIFI MGHT3 -V . SHX12 | | HMH.S | - | H022 | TS4CC-28 | 12 | | CS-HX12 | HHSVMCB1 | 25 | 311100 P005 | 093 | 1H | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 034 | HIFI MGHT4 -V . MG | HMH | HMH.X | - | H023 | TS3CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P005 | 082 | 1H | 1H 1H | |
| 017 | HIFI MGHT5 -V . MG | HMH | HMH.X | - | H024 | TS3CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P005 | 085 | 1H | 1H 1H | |
| 035 | HIFI MGHT5 -V . MGRTN | HMH | HMH.X | - | H024 | TS3CC-28 | 13 | HX13 | | HHSVMCB1 | 25 | 311100 P005 | 075 | 1H | 1H 1H | |
| 018 | HIFI MGHT4 -V . SHX13 | | HMH.X | - | H023 | TS3CC-28 | 13 | | CS-HX13 | HHSVMCB1 | 25 | 311100 P005 | 083 | 1H | 1H 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 001 | NC | | | | | | | | | | | | | | 1H | |
| 009 | NC | | | | | | | | | | | | | | 1H | |
| 010 | NC | | | | | | | | | | | | | | 1H | |
| 016 | NC | | | | | | | | | | | | | | 1H | |
| 019 | NC | | | | | | | | | | | | | | 1H | |
| 020 | NC | | | | | | | | | | | | | | 1H | |
| 021 | NC | | | | | | | | | | | | | | 1H | |
| 022 | NC | | | | | | | | | | | | | | 1H | |
| 023 | NC | | | | | | | | | | | | | | 1H | |
| 024 | NC | | | | | | | | | | | | | | 1H | |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 334 (of 474)

Connector: 112300 P022

Function / Bundle: HIFI FCU SIH-XH-04

Conn.-Type: SCC340100201BDCMA37PNMBFO

Item: HHFCU

Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 025 | NC | | | | | | | | | | | | | | 1H |
| 026 | NC | | | | | | | | | | | | | | 1H |
| 028 | NC | | | | | | | | | | | | | | 1H |
| 029 | NC | | | | | | | | | | | | | | 1H |
| 031 | NC | | | | | | | | | | | | | | 1H |
| 032 | NC | | | | | | | | | | | | | | 1H |
| 033 | NC | | | | | | | | | | | | | | 1H |
| 036 | NC | | | | | | | | | | | | | | 1H |
| 037 | NC | | | | | | | | | | | | | | 1H |

Pin Allocation List

(Harness)

Connector: 112300 P025
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-04

Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 001 | HIFI SIF D1 -V . SIF1 | H2D | H2D.S | - | H059 | TS5CC-28 | 1 | 059-1 | | HHSVMCB1 | 25 | 311100 P005 | 052 | 1H | 1H | |
| 044 | HIFI SIF D1 -V . SIF2 | H2D | H2D.S | - | H059 | TS5CC-28 | 1 | 059-1 | | HHSVMCB1 | 25 | 311100 P005 | 063 | 1H | 1H | |
| 024 | HIFI SIF D1 -V . SIF3 | H2D | H2D.S | - | H059 | TS5CC-28 | 1 | 059-1 | | HHSVMCB1 | 25 | 311100 P005 | 051 | 1H | 1H | |
| 023 | HIFI SIF D1 -V . TST | H2D | H2D.S | - | H059 | TS5CC-28 | 1 | 059-1 | | HHSVMCB1 | 25 | 311100 P005 | 066 | 1H | 1H | |
| 043 | HIFI SIF D1 -V . RTN1 | H2D | H2D.S | - | H059 | TS5CC-28 | 1 | 059-1 | | HHSVMCB1 | 25 | 311100 P005 | 061 | 1H | 1H | |
| 022 | HIFI SIF D1 -V . SHD01 | | H2D.S | - | H059 | TS5CC-28 | 1 | | CS-059-1 | HHSVMCB1 | 25 | 311100 P005 | 050 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| 003 | HIFI SIF D1 -V . SIF4 | H2D | H2D.S | - | H059 | TS5CC-28 | 2 | 059-2 | | HHSVMCB1 | 25 | 311100 P005 | 062 | 1H | 1H | |
| 046 | HIFI SIF D1 -V . SIF5 | H2D | H2D.S | - | H059 | TS5CC-28 | 2 | 059-2 | | HHSVMCB1 | 25 | 311100 P005 | 054 | 1H | 1H | |
| 026 | HIFI SIF D1 -V . SIF6 | H2D | H2D.S | - | H059 | TS5CC-28 | 2 | 059-2 | | HHSVMCB1 | 25 | 311100 P005 | 065 | 1H | 1H | |
| 005 | HIFI SIF D1 -V . SIF7 | H2D | H2D.S | - | H059 | TS5CC-28 | 2 | 059-2 | | HHSVMCB1 | 25 | 311100 P005 | 055 | 1H | 1H | |
| 025 | HIFI SIF D1 -V . RTN2 | H2D | H2D.S | - | H059 | TS5CC-28 | 2 | 059-2 | | HHSVMCB1 | 25 | 311100 P005 | 064 | 1H | 1H | |
| 047 | HIFI SIF D1 -V . SHD02 | | H2D.S | - | H059 | TS5CC-28 | 2 | | CS-059-2 | HHSVMCB1 | 25 | 311100 P005 | 053 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| 006 | HIFI SIF G1 -V . GA | H2G | H2G.S | - | H060 | TS4CC-28 | 3 | | | HHSVMCB1 | 25 | 311100 P005 | 059 | 1H | 1H | |
| 028 | HIFI SIF G1 -V . ARTN | H2G | H2G.S | - | H060 | TS4CC-28 | 3 | | | HHSVMCB1 | 25 | 311100 P005 | 048 | 1H | 1H | |
| 048 | HIFI SIF G1 -V . GB | H2G | H2G.S | - | H060 | TS4CC-28 | 3 | | | HHSVMCB1 | 25 | 311100 P005 | 060 | 1H | 1H | |
| 049 | HIFI SIF G1 -V . BRTN | H2G | H2G.S | - | H060 | TS4CC-28 | 3 | | | HHSVMCB1 | 25 | 311100 P005 | 049 | 1H | 1H | |
| 027 | HIFI SIF G1 -V . SHD03 | | H2G.S | - | H060 | TS4CC-28 | 3 | | CS-H060 | HHSVMCB1 | 25 | 311100 P005 | 047 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| 050 | HIFI SIF D2 -V . SIF1 | H2D | H2D.S | - | H061 | TS5CC-28 | 4 | 061-1 | | HHSVMCB1 | 25 | 311100 P005 | 030 | 1H | 1H | |
| 030 | HIFI SIF D2 -V . SIF2 | H2D | H2D.S | - | H061 | TS5CC-28 | 4 | 061-1 | | HHSVMCB1 | 25 | 311100 P005 | 041 | 1H | 1H | |
| 009 | HIFI SIF D2 -V . SIF3 | H2D | H2D.S | - | H061 | TS5CC-28 | 4 | 061-1 | | HHSVMCB1 | 25 | 311100 P005 | 042 | 1H | 1H | |
| 008 | HIFI SIF D2 -V . TST | H2D | H2D.S | - | H061 | TS5CC-28 | 4 | 061-1 | | HHSVMCB1 | 25 | 311100 P005 | 045 | 1H | 1H | |
| 051 | HIFI SIF D2 -V . RTN1 | | H2D.S | - | H061 | TS5CC-28 | 4 | 061-1 | | HHSVMCB1 | 25 | 311100 P005 | 040 | 1H | 1H | |
| 029 | HIFI SIF D2 -V . SHD04 | | H2D.S | - | H061 | TS5CC-28 | 4 | | CS-061-1 | HHSVMCB1 | 25 | 311100 P005 | 029 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |
| 052 | HIFI SIF D2 -V . SIF4 | H2D | H2D.S | - | H061 | TS5CC-28 | 5 | 061-2 | | HHSVMCB1 | 25 | 311100 P005 | 031 | 1H | 1H | |
| 032 | HIFI SIF D2 -V . SIF5 | H2D | H2D.S | - | H061 | TS5CC-28 | 5 | 061-2 | | HHSVMCB1 | 25 | 311100 P005 | 033 | 1H | 1H | |
| 011 | HIFI SIF D2 -V . SIF6 | H2D | H2D.S | - | H061 | TS5CC-28 | 5 | 061-2 | | HHSVMCB1 | 25 | 311100 P005 | 044 | 1H | 1H | |
| 054 | HIFI SIF D2 -V . SIF7 | H2D | H2D.S | - | H061 | TS5CC-28 | 5 | 061-2 | | HHSVMCB1 | 25 | 311100 P005 | 034 | 1H | 1H | |
| 033 | HIFI SIF D2 -V . RTN2 | H2D | H2D.S | - | H061 | TS5CC-28 | 5 | 061-2 | | HHSVMCB1 | 25 | 311100 P005 | 043 | 1H | 1H | |
| 010 | HIFI SIF D2 -V . SHD05 | | H2D.S | - | H061 | TS5CC-28 | 5 | | CS-061-2 | HHSVMCB1 | 25 | 311100 P005 | 032 | 1H | 1H | |
| - | | | | | | | | | | | | | | 1H | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112300 P025
Item: HHFCU
Function / Bundle: HIFI FCU SIH-XH-04
Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 034 | HIFI SIF G2 -V . GA | H2G | H2G.S | - | H062 | TS4CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P005 | 038 | 1H | 1H |
| 013 | HIFI SIF G2 -V . ARTN | H2G | H2G.S | - | H062 | TS4CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P005 | 027 | 1H | 1H |
| 055 | HIFI SIF G2 -V . GB | H2G | H2G.S | - | H062 | TS4CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P005 | 039 | 1H | 3H |
| 035 | HIFI SIF G2 -V . BRTN | H2G | H2G.S | - | H062 | TS4CC-28 | 6 | | | | HHSVMCB1 | 25 | 311100 P005 | 028 | 1H | 1H |
| 012 | HIFI SIF G2 -V . SHD06 | | H2G.S | - | H062 | TS4CC-28 | 6 | | CS-H062 | | HHSVMCB1 | 25 | 311100 P005 | 037 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 036 | HIFI SIF D3 -V . SIF1 | H2D | H2D.S | - | H063 | TS5CC-28 | 7 | 063-1 | | | HHSVMCB1 | 25 | 311100 P005 | 012 | 1H | 1H |
| 015 | HIFI SIF D3 -V . SIF2 | H2D | H2D.S | - | H063 | TS5CC-28 | 7 | 063-1 | | | HHSVMCB1 | 25 | 311100 P005 | 021 | 1H | 1H |
| 058 | HIFI SIF D3 -V . SIF3 | H2D | H2D.S | - | H063 | TS5CC-28 | 7 | 063-1 | | | HHSVMCB1 | 25 | 311100 P005 | 011 | 1H | 1H |
| 057 | HIFI SIF D3 -V . TST | H2D | H2D.S | - | H063 | TS5CC-28 | 7 | 063-1 | | | HHSVMCB1 | 25 | 311100 P005 | 023 | 1H | 1H |
| 016 | HIFI SIF D3 -V . RTN1 | | H2D.S | - | H063 | TS5CC-28 | 7 | 063-1 | | | HHSVMCB1 | 25 | 311100 P005 | 019 | 1H | 1H |
| 014 | HIFI SIF D3 -V . SHD07 | | H2D.S | - | H063 | TS5CC-28 | 7 | | CS-063-1 | | HHSVMCB1 | 25 | 311100 P005 | 010 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 038 | HIFI SIF D3 -V . SIF4 | H2D | H2D.S | - | H063 | TS5CC-28 | 8 | 063-2 | | | HHSVMCB1 | 25 | 311100 P005 | 020 | 1H | 1H |
| 017 | HIFI SIF D3 -V . SIF5 | H2D | H2D.S | - | H063 | TS5CC-28 | 8 | 063-2 | | | HHSVMCB1 | 25 | 311100 P005 | 015 | 1H | 1H |
| 060 | HIFI SIF D3 -V . SIF6 | H2D | H2D.S | - | H063 | TS5CC-28 | 8 | 063-2 | | | HHSVMCB1 | 25 | 311100 P005 | 024 | 1H | 1H |
| 040 | HIFI SIF D3 -V . SIF7 | H2D | H2D.S | - | H063 | TS5CC-28 | 8 | 063-2 | | | HHSVMCB1 | 25 | 311100 P005 | 014 | 1H | 1H |
| 039 | HIFI SIF D3 -V . RTN2 | H2D | H2D.S | - | H063 | TS5CC-28 | 8 | 063-2 | | | HHSVMCB1 | 25 | 311100 P005 | 022 | 1H | 1H |
| 061 | HIFI SIF D3 -V . SHD08 | | H2D.S | - | H063 | TS5CC-28 | 8 | 063-2 | CS-063-2 | | HHSVMCB1 | 25 | 311100 P005 | 013 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 019 | HIFI SIF G3 -V . GA | H2G | H2G.S | - | H064 | TS4CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P005 | 004 | 1H | 1H |
| 020 | HIFI SIF G3 -V . ARTN | H2G | H2G.S | - | H064 | TS4CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P005 | 005 | 1H | 1H |
| 041 | HIFI SIF G3 -V . GB | H2G | H2G.S | - | H064 | TS4CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P005 | 007 | 1H | 1H |
| 062 | HIFI SIF G3 -V . BRTN | H2G | H2G.S | - | H064 | TS4CC-28 | 9 | | | | HHSVMCB1 | 25 | 311100 P005 | 006 | 1H | 1H |
| 021 | HIFI SIF G3 -V . SHD09 | | H2G.S | - | H064 | TS4CC-28 | 9 | | CS-H064 | | HHSVMCB1 | 25 | 311100 P005 | 003 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 002 | NC | | | | | | | | | | | | | | | |
| 007 | NC | | | | | | | | | | | | | | | |
| 004 | NC | | | | | | | | | | | | | | | |
| 018 | NC | | | | | | | | | | | | | | | |
| 031 | NC | | | | | | | | | | | | | | | |
| 037 | NC | | | | | | | | | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 337 (of 474)

Connector: 112300 P025

Function / Bundle: HIFI FCU SIH-XH-04

Conn.-Type: SCC340100202BDCMA62PNMBFO

Item: HHFCU

Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 042 | NC | | | | | | | | | | | | | | 1H |
| 045 | NC | | | | | | | | | | | | | | |
| 053 | NC | | | | | | | | | | | | | | |
| 056 | NC | | | | | | | | | | | | | | 1H |
| 059 | NC | | | | | | | | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 338 (of 474)

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Pin Allocation List

(Harness)

Connector: 311100 P002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | | |
| 111 | HIFI 2. IF Amp-TS-P . I | | H2S.S - | | H065 | TS4CC-28 | 65 | | | | HHFCU | 16 | 112300 P016 | 057 | 1H | 1H |
| 100 | HIFI 2. IF Amp-TS-P . IRTN | | H2S.S - | | H065 | TS4CC-28 | 65 | | | | HHFCU | 16 | 112300 P016 | 037 | 1H | 1H |
| 112 | HIFI 2. IF Amp-TS-P . V | | H2S.S - | | H065 | TS4CC-28 | 65 | | | | HHFCU | 16 | 112300 P016 | 015 | 1H | 1H |
| 101 | HIFI 2. IF Amp-TS-P . VRTN | | H2S.S - | | H065 | TS4CC-28 | 65 | | | | HHFCU | 16 | 112300 P016 | 058 | 1H | 1H |
| 110 | HIFI 2. IF Amp-TS-P . SHD65 | | H2S.S - | | H065 | TS4CC-28 | 65 | | CS-H065 | | HHFCU | 16 | 112300 P016 | 036 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 113 | HIFI 2. IF Amp-TS-R . I | | H2S.S - | | H066 | TS4CC-28 | 66 | | | | HHFCU | 16 | 112300 P026 | 057 | 1H | 1H |
| 103 | HIFI 2. IF Amp-TS-R . IRTN | | H2S.S - | | H066 | TS4CC-28 | 66 | | | | HHFCU | 16 | 112300 P026 | 037 | 1H | 1H |
| 114 | HIFI 2. IF Amp-TS-R . V | | H2S.S - | | H066 | TS4CC-28 | 66 | | | | HHFCU | 16 | 112300 P026 | 015 | 1H | 1H |
| 104 | HIFI 2. IF Amp-TS-R . VRTN | | H2S.S - | | H066 | TS4CC-28 | 66 | | | | HHFCU | 16 | 112300 P026 | 058 | 1H | 1H |
| 102 | HIFI 2. IF Amp-TS-R . SHD66 | | H2S.S - | | H066 | TS4CC-28 | 66 | | CS-H066 | | HHFCU | 16 | 112300 P026 | 036 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 127 | HIFI CP-AC-P . A | | HCA.S - | | H067 | TS4CC-28 | 67 | | | | HHFCU | 16 | 112300 P016 | 023 | 1H | 1H |
| 119 | HIFI CP-AC-P . ARTN | | HCA.S - | | H067 | TS4CC-28 | 67 | | | | HHFCU | 16 | 112300 P016 | 002 | 1H | 1H |
| 128 | HIFI CP-AC-P . B | | HCA.S - | | H067 | TS4CC-28 | 67 | | | | HHFCU | 16 | 112300 P016 | 044 | 1H | 1H |
| 120 | HIFI CP-AC-P . BRTN | | HCA.S - | | H067 | TS4CC-28 | 67 | | | | HHFCU | 16 | 112300 P016 | 024 | 1H | 1H |
| 121 | HIFI CP-AC-P . SHD67 | | HCA.S - | | H067 | TS4CC-28 | 67 | | CS-H067 | | HHFCU | 16 | 112300 P016 | 001 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 123 | HIFI CP-LT-PY-P . SIG | | HCP.S - | | H068 | TS2CC-28 | 68 | | | | HHFCU | 16 | 112300 P016 | 005 | 1H | 1H |
| 116 | HIFI CP-LT-PY-P . RTN | | HCP.S - | | H068 | TS2CC-28 | 68 | | | | HHFCU | 16 | 112300 P016 | 006 | 1H | 1H |
| 124 | HIFI CP-LT-PY-P . SHD68 | | HCP.S - | | H068 | TS2CC-28 | 68 | | CS-H068 | | HHFCU | 16 | 112300 P016 | 028 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 117 | HIFI CP-LT-SY-P . A | | HCS.S - | | H069 | TS3CC-28 | 69 | | | | HHFCU | 16 | 112300 P016 | 046 | 1H | 1H |
| 125 | HIFI CP-LT-SY-P . B | | HCS.S - | | H069 | TS3CC-28 | 69 | | | | HHFCU | 16 | 112300 P016 | 025 | 1H | 1H |
| 118 | HIFI CP-LT-SY-P . RTN | | HCS.S - | | H069 | TS3CC-28 | 69 | | | | HHFCU | 16 | 112300 P016 | 004 | 1H | 1H |
| 126 | HIFI CP-LT-SY-P . SHD69 | | HCS.S - | | H069 | TS3CC-28 | 69 | | CS-H069 | | HHFCU | 16 | 112300 P016 | 026 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 108 | HIFI CP-AC-R . A | | HCA.S - | | H070 | TS4CC-28 | 70 | | | | HHFCU | 16 | 112300 P026 | 023 | 1H | 1H |
| 098 | HIFI CP-AC-R . ARTN | | HCA.S - | | H070 | TS4CC-28 | 70 | | | | HHFCU | 16 | 112300 P026 | 002 | 1H | 1H |
| 109 | HIFI CP-AC-R . B | | HCA.S - | | H070 | TS4CC-28 | 70 | | | | HHFCU | 16 | 112300 P026 | 044 | 1H | 1H |
| 099 | HIFI CP-AC-R . BRTN | | HCA.S - | | H070 | TS4CC-28 | 70 | | | | HHFCU | 16 | 112300 P026 | 024 | 1H | 1H |
| 097 | HIFI CP-AC-R . SHD70 | | HCA.S - | | H070 | TS4CC-28 | 70 | | CS-H070 | | HHFCU | 16 | 112300 P026 | 001 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 122 | HIFI CP-LT-PY-R . SIG | | HCP.S - | | H071 | TS2CC-28 | 71 | | | | HHFCU | 16 | 112300 P026 | 005 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 311100 P002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|----------------------------|----------------|---------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 115 | HIFI CP-LT-PY-R . RTN | | HCP.S - | | H071 | TS2CC-28 | 71 | | | | HHFCU | 16 | 112300 P026 | 006 | 1H 1H |
| 105 | HIFI CP-LT-PY-R . SHD71 | | HCP.S - | | H071 | TS2CC-28 | 71 | | | CS-H071 | HHFCU | 16 | 112300 P026 | 028 | 1H 3H |
| - | | | | | | | | | | | | | | | |
| 106 | HIFI CP-LT-SY-R . A | | HCS.S - | | H072 | TS3CC-28 | 72 | | | | HHFCU | 16 | 112300 P026 | 046 | 1H 1H |
| 107 | HIFI CP-LT-SY-R . B | | HCS.S - | | H072 | TS3CC-28 | 72 | | | | HHFCU | 16 | 112300 P026 | 025 | 1H 1H |
| 096 | HIFI CP-LT-SY-R . RTN | | HCS.S - | | H072 | TS3CC-28 | 72 | | | | HHFCU | 16 | 112300 P026 | 004 | 1H 1H |
| 095 | HIFI CP-LT-SY-R . SHD72 | | HCS.S - | | H072 | TS3CC-28 | 72 | | | CS-H072 | HHFCU | 16 | 112300 P026 | 026 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 091 | HIFI Therm. S02K P . I | | HT2.S - | | H073 | TS4CC-28 | 73 | | | | HHFCU | 16 | 112300 P016 | 052 | 1H 1H |
| 080 | HIFI Therm. S02K P . IRTN | | HT2.S - | | H073 | TS4CC-28 | 73 | | | | HHFCU | 16 | 112300 P016 | 053 | 1H 1H |
| 092 | HIFI Therm. S02K P . V | | HT2.S - | | H073 | TS4CC-28 | 73 | | | | HHFCU | 16 | 112300 P016 | 010 | 1H 1H |
| 081 | HIFI Therm. S02K P . VRTN | | HT2.S - | | H073 | TS4CC-28 | 73 | | | | HHFCU | 16 | 112300 P016 | 032 | 1H 1H |
| 093 | HIFI Therm. S02K P . SHD73 | | HT2.S - | | H073 | TS4CC-28 | 73 | | | CS-H073 | HHFCU | 16 | 112300 P016 | 033 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 089 | HIFI Therm. S04K P . I | | HT4.S - | | H074 | TS4CC-28 | 74 | | | | HHFCU | 16 | 112300 P016 | 014 | 1H 1H |
| 078 | HIFI Therm. S04K P . IRTN | | HT4.S - | | H074 | TS4CC-28 | 74 | | | | HHFCU | 16 | 112300 P016 | 056 | 1H 1H |
| 090 | HIFI Therm. S04K P . V | | HT4.S - | | H074 | TS4CC-28 | 74 | | | | HHFCU | 16 | 112300 P016 | 013 | 1H 1H |
| 079 | HIFI Therm. S04K P . VRTN | | HT4.S - | | H074 | TS4CC-28 | 74 | | | | HHFCU | 16 | 112300 P016 | 035 | 1H 1H |
| 077 | HIFI Therm. S04K P . SHD74 | | HT4.S - | | H074 | TS4CC-28 | 74 | | | CS-H074 | HHFCU | 16 | 112300 P016 | 055 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 087 | HIFI Therm. S10K R . I | | HT1.S - | | H075 | TS4CC-28 | 75 | | | | HHFCU | 16 | 112300 P026 | 030 | 1H 1H |
| 075 | HIFI Therm. S10K R . IRTN | | HT1.S - | | H075 | TS4CC-28 | 75 | | | | HHFCU | 16 | 112300 P026 | 031 | 1H 1H |
| 088 | HIFI Therm. S10K R . V | | HT1.S - | | H075 | TS4CC-28 | 75 | | | | HHFCU | 16 | 112300 P026 | 051 | 1H 1H |
| 076 | HIFI Therm. S10K R . VRTN | | HT1.S - | | H075 | TS4CC-28 | 75 | | | | HHFCU | 16 | 112300 P026 | 009 | 1H 1H |
| 086 | HIFI Therm. S10K R . SHD75 | | HT1.S - | | H075 | TS4CC-28 | 75 | | | CS-H075 | HHFCU | 16 | 112300 P026 | 011 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 084 | HIFI Therm. S02K R . I | | HT2.S - | | H076 | TS4CC-28 | 76 | | | | HHFCU | 16 | 112300 P026 | 052 | 1H 1H |
| 073 | HIFI Therm. S02K R . IRTN | | HT2.S - | | H076 | TS4CC-28 | 76 | | | | HHFCU | 16 | 112300 P026 | 053 | 1H 1H |
| 085 | HIFI Therm. S02K R . V | | HT2.S - | | H076 | TS4CC-28 | 76 | | | | HHFCU | 16 | 112300 P026 | 010 | 1H 1H |
| 074 | HIFI Therm. S02K R . VRTN | | HT2.S - | | H076 | TS4CC-28 | 76 | | | | HHFCU | 16 | 112300 P026 | 032 | 1H 1H |
| 072 | HIFI Therm. S02K R . SHD76 | | HT2.S - | | H076 | TS4CC-28 | 76 | | | CS-H076 | HHFCU | 16 | 112300 P026 | 033 | 1H 1H |
| - | | | | | | | | | | | | | | | |
| 082 | HIFI Therm. S04K R . I | | HT4.S - | | H077 | TS4CC-28 | 77 | | | | HHFCU | 16 | 112300 P026 | 014 | 1H 1H |
| 059 | HIFI Therm. S04K R . IRTN | | HT4.S - | | H077 | TS4CC-28 | 77 | | | | HHFCU | 16 | 112300 P026 | 056 | 1H 1H |

Pin Allocation List

(Harness)

Connector: 311100 P002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|----------------------------|----------------|---------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 083 | HIFI Therm. S04K R . V | | HT4.S - | | H077 | TS4CC-28 | 77 | | | | HHFCU | 16 | 112300 P026 | 013 | 1H | 1H |
| 071 | HIFI Therm. S04K R . VRTN | | HT4.S - | | H077 | TS4CC-28 | 77 | | | | HHFCU | 16 | 112300 P026 | 035 | 1H | 1H |
| 094 | HIFI Therm. S04K R . SHD77 | | HT4.S - | | H077 | TS4CC-28 | 77 | | CS-H077 | | HHFCU | 16 | 112300 P026 | 055 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 069 | HIFI CS-CR-TS-P . I | | HBC.S - | | H078 | TS4CC-28 | 78 | | | | HHFCU | 16 | 112300 P016 | 030 | 1H | 1H |
| 057 | HIFI CS-CR-TS-P . IRTN | | HBC.S - | | H078 | TS4CC-28 | 78 | | | | HHFCU | 16 | 112300 P016 | 031 | 1H | 1H |
| 070 | HIFI CS-CR-TS-P . V | | HBC.S - | | H078 | TS4CC-28 | 78 | | | | HHFCU | 16 | 112300 P016 | 051 | 1H | 1H |
| 058 | HIFI CS-CR-TS-P . VRTN | | HBC.S - | | H078 | TS4CC-28 | 78 | | | | HHFCU | 16 | 112300 P016 | 009 | 1H | 1H |
| 068 | HIFI CS-CR-TS-P . SHD78 | | HBC.S - | | H078 | TS4CC-28 | 78 | | CS-H078 | | HHFCU | 16 | 112300 P016 | 011 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 066 | HIFI CS-HR-TS-P . I | | HBH.S - | | H079 | TS4CC-28 | 79 | | | | HHFCU | 16 | 112300 P016 | 007 | 1H | 1H |
| 055 | HIFI CS-HR-TS-P . IRTN | | HBH.S - | | H079 | TS4CC-28 | 79 | | | | HHFCU | 16 | 112300 P016 | 008 | 1H | 1H |
| 067 | HIFI CS-HR-TS-P . V | | HBH.S - | | H079 | TS4CC-28 | 79 | | | | HHFCU | 16 | 112300 P016 | 029 | 1H | 1H |
| 056 | HIFI CS-HR-TS-P . VRTN | | HBH.S - | | H079 | TS4CC-28 | 79 | | | | HHFCU | 16 | 112300 P016 | 050 | 1H | 1H |
| 054 | HIFI CS-HR-TS-P . SHD79 | | HBH.S - | | H079 | TS4CC-28 | 79 | | CS-H079 | | HHFCU | 16 | 112300 P016 | 049 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 065 | HIFI CS-HT-P . SIG | | HBT.S - | | H080 | TS2CC-28 | 80 | G | | | HHFCU | 16 | 112300 P016 | 054 | 1H | 1H |
| 053 | HIFI CS-HT-P . RTN | | HBT.S - | | H080 | TS2CC-28 | 80 | | | | HHFCU | 16 | 112300 P016 | 012 | 1H | 1H |
| 064 | HIFI CS-HT-P . SHD80 | | HBT.S - | | H080 | TS2CC-28 | 80 | | CS-H080 | | HHFCU | 16 | 112300 P016 | 034 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 061 | HIFI CS-HR-TS-R . I | | HBH.S - | | H081 | TS4CC-28 | 81 | | | | HHFCU | 16 | 112300 P026 | 007 | 1H | 1H |
| 049 | HIFI CS-HR-TS-R . IRTN | | HBH.S - | | H081 | TS4CC-28 | 81 | | | | HHFCU | 16 | 112300 P026 | 008 | 1H | 1H |
| 062 | HIFI CS-HR-TS-R . V | | HBH.S - | | H081 | TS4CC-28 | 81 | | | | HHFCU | 16 | 112300 P026 | 029 | 1H | 1H |
| 050 | HIFI CS-HR-TS-R . VRTN | | HBH.S - | | H081 | TS4CC-28 | 81 | | | | HHFCU | 16 | 112300 P026 | 050 | 1H | 1H |
| 060 | HIFI CS-HR-TS-R . SHD81 | | HBH.S - | | H081 | TS4CC-28 | 81 | | CS-H081 | | HHFCU | 16 | 112300 P026 | 049 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 063 | HIFI CS-HT-R . SIG | | HBT.S - | | H082 | TS2CC-28 | 82 | | | | HHFCU | 16 | 112300 P026 | 054 | 1H | 1H |
| 052 | HIFI CS-HT-R . RTN | | HBT.S - | | H082 | TS2CC-28 | 82 | | | | HHFCU | 16 | 112300 P026 | 012 | 1H | 1H |
| 051 | HIFI CS-HT-R . SHD82 | | HBT.S - | | H082 | TS2CC-28 | 82 | | CS-H082 | | HHFCU | 16 | 112300 P026 | 034 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 035 | HIFI DP3-AC-H . SIG | | HDP.S - | | H083 | TS4CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P017 | 002 | 3H | 1H |
| 045 | HIFI DP4-AC-H . SIG | | HDP.U - | | H084 | TS4CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P017 | 003 | 1H | 1H |
| 044 | HIFI DP5-AC-H . SIG | | HDP.U - | | H085 | TS4CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P017 | 004 | 1H | 1H |
| 034 | HIFI DP4-AC-H . RTN | | HDP.U - | | H084 | TS4CC-28 | 1 | HX01 | | | HHFCU | 16 | 112300 P017 | 010 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 311100 P002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------------------|----------------|---------|------|--------|----------|-----|-------|-------|------------------------------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 046 | HIFI DP3-AC-H . SHX01 | | HDP.S - | | H083 | TS4CC-28 | 1 | HX01 | | CS-HX01 | HHFCU | 16 | 112300 P017 | 001 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 042 | HIFI DP6-AC-H . SIG | | HDP.T - | | H086 | TS3CC-28 | 2 | HX02 | | | HHFCU | 16 | 112300 P017 | 005 | 1H | 1H |
| 041 | HIFI DP7-AC-H . SIG | | HDP.V - | | H087 | TS3CC-28 | 2 | HX02 | | | HHFCU | 16 | 112300 P017 | 007 | 1H | 1H |
| 031 | HIFI DP6-AC-H . RTN | | HDP.T - | | H086 | TS3CC-28 | 2 | HX02 | | | HHFCU | 16 | 112300 P017 | 006 | 1H | 1H |
| 030 | HIFI DP6-AC-H . SHX02 | | HDP.T - | | H086 | TS3CC-28 | 2 | | | CS-HX02 | HHFCU | 16 | 112300 P017 | 015 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 014 | HIFI DP3-AC-V . SIG | | HDP.S - | | H088 | TS4CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P027 | 002 | 3H | 1H |
| 022 | HIFI DP4-AC-V . SIG | | HDP.U - | | H089 | TS4CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P027 | 003 | 1H | 1H |
| 020 | HIFI DP5-AC-V . SIG | | HDP.U - | | H090 | TS4CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P027 | 004 | 1H | 1H |
| 024 | HIFI DP3-AC-V . RTN | | HDP.S - | | H088 | TS4CC-28 | 3 | HX03 | | | HHFCU | 16 | 112300 P027 | 010 | 3H | 1H |
| 011 | HIFI DP3-AC-V . SHX03 | | HDP.S - | | H088 | TS4CC-28 | 3 | | | CS-HX03 | HHFCU | 16 | 112300 P027 | 001 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 015 | HIFI DP6-AC-V . SIG | | HDP.T - | | H091 | TS3CC-28 | 4 | HX04 | | | HHFCU | 16 | 112300 P027 | 005 | 1H | 1H |
| 017 | HIFI DP7-AC-V . SIG | | HDP.V - | | H092 | TS3CC-28 | 4 | HX04 | | | HHFCU | 16 | 112300 P027 | 007 | 1H | 1H |
| 009 | HIFI DP7-AC-V . RTN | | HDP.V - | | H092 | TS3CC-28 | 4 | HX04 | | | HHFCU | 16 | 112300 P027 | 006 | 1H | 1H |
| 018 | HIFI DP7-AC-V . SHX04 | | HDP.V - | | H092 | TS3CC-28 | 4 | | | CS-HX04 | HHFCU | 16 | 112300 P027 | 015 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 034 | Interconnection Star Pin . RTN | | - | | | | | | | Star Pin for Interconnection | | | | | 1H | |
| 029 | to be con to Pin 034 . RTN | | - | | | | | | | | | | | | 1H | |
| 031 | to be con to Pin 034 . RTN | | - | | | | | | | | | | | | 1H | |
| 032 | to be con to Pin 034 . RTN | | - | | | | | | | | | | | | 1H | |
| 047 | to be con to Pin 034 . RTN | | - | | | | | | | | | | | | 3H | |
| - | | | | | | | | | | | | | | | 1H | |
| 046 | Interconnection Star Pin . SHD | | - | | | | | | | Star Pin for Interconnection | | | | | 1H | |
| 030 | to be con to Pin 046 . SHD | | - | | | | | | | | | | | | 1H | |
| 033 | to be con to Pin 046 . SHD | | - | | | | | | | | | | | | 1H | |
| 040 | to be con to Pin 046 . SHD | | - | | | | | | | | | | | | 1H | |
| 043 | to be con to Pin 046 . SHD | | - | | | | | | | | | | | | 1H | |
| - | | | | | | | | | | | | | | | 1H | |
| 009 | Interconnection Star Pin . RTN | | - | | | | | | | Star Pin for Interconnection | | | | | 1H | |
| 010 | to be con to Pin 009 . RTN | | - | | | | | | | | | | | | 1H | |
| 012 | to be con to Pin 009 . RTN | | - | | | | | | | | | | | | 1H | |
| 013 | to be con to Pin 009 . RTN | | - | | | | | | | | | | | | 1H | |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 343 (of 474)

Connector: 311100 P002
Item: HHSVMCB1

Function / Bundle: HIFI SVM SIH-XH-05

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------------------|----------------|--------|------|--------|--------|-----|-------|-------|------------------------------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 024 | to be con to Pin 009 . RTN | | - | | | | | | | | | | | | 3H |
| - | | | | | | | | | | | | | | | 1H |
| 011 | Interconnection Star Pin . SHD | | - | | | | | | | Star Pin for Interconnection | | | | | 1H |
| 018 | to be con to Pin 011 . SHD | | - | | | | | | | | | | | | 1H |
| 021 | to be con to Pin 011 . SHD | | - | | | | | | | | | | | | 1H |
| 023 | to be con to Pin 011 . SHD | | - | | | | | | | | | | | | 1H |
| 028 | to be con to Pin 011 . SHD | | - | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 344 (of 474)

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Pin Allocation List

(Harness)

Connector: 112300 P016
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-05

Conn.-Type: SCC340100202BDCMA62SNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 057 | HIFI 2. IF Amp-TS-P . I | H2S | H2S.S | - | H065 | TS4CC-28 | 65 | | | | HHSVMCB1 | 25 | 311100 P002 | 111 | 1H | 1H |
| 037 | HIFI 2. IF Amp-TS-P . IRTN | H2S | H2S.S | - | H065 | TS4CC-28 | 65 | | | | HHSVMCB1 | 25 | 311100 P002 | 100 | 1H | 1H |
| 015 | HIFI 2. IF Amp-TS-P . V | H2S | H2S.S | - | H065 | TS4CC-28 | 65 | | | | HHSVMCB1 | 25 | 311100 P002 | 112 | 1H | 1H |
| 058 | HIFI 2. IF Amp-TS-P . VRTN | H2S | H2S.S | - | H065 | TS4CC-28 | 65 | | | | HHSVMCB1 | 25 | 311100 P002 | 101 | 1H | 1H |
| 036 | HIFI 2. IF Amp-TS-P . SHD65 | | H2S.S | - | H065 | TS4CC-28 | 65 | | | CS-H065 | HHSVMCB1 | 25 | 311100 P002 | 110 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 023 | HIFI CP-AC-P . A | HCA | HCA.S | - | H067 | TS4CC-28 | 67 | | | | HHSVMCB1 | 25 | 311100 P002 | 127 | 1H | 1H |
| 002 | HIFI CP-AC-P . ARTN | HCA | HCA.S | - | H067 | TS4CC-28 | 67 | | | | HHSVMCB1 | 25 | 311100 P002 | 119 | 1H | 1H |
| 044 | HIFI CP-AC-P . B | HCA | HCA.S | - | H067 | TS4CC-28 | 67 | | | | HHSVMCB1 | 25 | 311100 P002 | 128 | 1H | 1H |
| 024 | HIFI CP-AC-P . BRTN | HCA | HCA.S | - | H067 | TS4CC-28 | 67 | | | | HHSVMCB1 | 25 | 311100 P002 | 120 | 1H | 1H |
| 001 | HIFI CP-AC-P . SHD67 | | HCA.S | - | H067 | TS4CC-28 | 67 | | | CS-H067 | HHSVMCB1 | 25 | 311100 P002 | 121 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 005 | HIFI CP-LT-PY-P . SIG | HCP | HCP.S | - | H068 | TS2CC-28 | 68 | | | | HHSVMCB1 | 25 | 311100 P002 | 123 | 1H | 1H |
| 006 | HIFI CP-LT-PY-P . RTN | HCP | HCP.S | - | H068 | TS2CC-28 | 68 | | | | HHSVMCB1 | 25 | 311100 P002 | 116 | 1H | 1H |
| 028 | HIFI CP-LT-PY-P . SHD68 | | HCP.S | - | H068 | TS2CC-28 | 68 | | | CS-H068 | HHSVMCB1 | 25 | 311100 P002 | 124 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 046 | HIFI CP-LT-SY-P . A | HCS | HCS.S | - | H069 | TS3CC-28 | 69 | | | | HHSVMCB1 | 25 | 311100 P002 | 117 | 1H | 1H |
| 025 | HIFI CP-LT-SY-P . B | HCS | HCS.S | - | H069 | TS3CC-28 | 69 | | | | HHSVMCB1 | 25 | 311100 P002 | 125 | 1H | 1H |
| 004 | HIFI CP-LT-SY-P . RTN | HCS | HCS.S | - | H069 | TS3CC-28 | 69 | | | | HHSVMCB1 | 25 | 311100 P002 | 118 | 1H | 1H |
| 026 | HIFI CP-LT-SY-P . SHD69 | | HCS.S | - | H069 | TS3CC-28 | 69 | | | CS-H069 | HHSVMCB1 | 25 | 311100 P002 | 126 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 052 | HIFI Therm. S02K P . I | HT2 | HT2.S | - | H073 | TS4CC-28 | 73 | | | | HHSVMCB1 | 25 | 311100 P002 | 091 | 1H | 1H |
| 053 | HIFI Therm. S02K P . IRTN | HT2 | HT2.S | - | H073 | TS4CC-28 | 73 | | | | HHSVMCB1 | 25 | 311100 P002 | 080 | 1H | 1H |
| 010 | HIFI Therm. S02K P . V | HT2 | HT2.S | - | H073 | TS4CC-28 | 73 | | | | HHSVMCB1 | 25 | 311100 P002 | 092 | 1H | 1H |
| 032 | HIFI Therm. S02K P . VRTN | HT2 | HT2.S | - | H073 | TS4CC-28 | 73 | | | | HHSVMCB1 | 25 | 311100 P002 | 081 | 1H | 1H |
| 033 | HIFI Therm. S02K P . SHD73 | | HT2.S | - | H073 | TS4CC-28 | 73 | | | CS-H073 | HHSVMCB1 | 25 | 311100 P002 | 093 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 014 | HIFI Therm. S04K P . I | HT4 | HT4.S | - | H074 | TS4CC-28 | 74 | | | | HHSVMCB1 | 25 | 311100 P002 | 089 | 1H | 1H |
| 056 | HIFI Therm. S04K P . IRTN | HT4 | HT4.S | - | H074 | TS4CC-28 | 74 | | | | HHSVMCB1 | 25 | 311100 P002 | 078 | 1H | 1H |
| 013 | HIFI Therm. S04K P . V | HT4 | HT4.S | - | H074 | TS4CC-28 | 74 | | | | HHSVMCB1 | 25 | 311100 P002 | 090 | 1H | 1H |
| 035 | HIFI Therm. S04K P . VRTN | HT4 | HT4.S | - | H074 | TS4CC-28 | 74 | | | | HHSVMCB1 | 25 | 311100 P002 | 079 | 1H | 1H |
| 055 | HIFI Therm. S04K P . SHD74 | | HT4.S | - | H074 | TS4CC-28 | 74 | | | CS-H074 | HHSVMCB1 | 25 | 311100 P002 | 077 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 030 | HIFI CS-CR-TS-P . I | HBC | HBC.S | - | H078 | TS4CC-28 | 78 | | | | HHSVMCB1 | 25 | 311100 P002 | 069 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 112300 P016
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-05

Conn.-Type: SCC340100202BDCMA62SNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 031 | HIFI CS-CR-TS-P . IRTN | HBC | HBC.S | - | H078 | TS4CC-28 | 78 | | | | HHSVMCB1 | 25 | 311100 P002 | 057 | 1H | 1H |
| 051 | HIFI CS-CR-TS-P . V | HBC | HBC.S | - | H078 | TS4CC-28 | 78 | | | | HHSVMCB1 | 25 | 311100 P002 | 070 | 1H | 1H |
| 009 | HIFI CS-CR-TS-P . VRTN | HBC | HBC.S | - | H078 | TS4CC-28 | 78 | | | | HHSVMCB1 | 25 | 311100 P002 | 058 | 1H | 1H |
| 011 | HIFI CS-CR-TS-P . SHD78 | | HBC.S | - | H078 | TS4CC-28 | 78 | | CS-H078 | | HHSVMCB1 | 25 | 311100 P002 | 068 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 007 | HIFI CS-HR-TS-P . I | HBH | HBH.S | - | H079 | TS4CC-28 | 79 | | | | HHSVMCB1 | 25 | 311100 P002 | 066 | 1H | 1H |
| 008 | HIFI CS-HR-TS-P . IRTN | HBH | HBH.S | - | H079 | TS4CC-28 | 79 | | | | HHSVMCB1 | 25 | 311100 P002 | 055 | 1H | 1H |
| 029 | HIFI CS-HR-TS-P . V | HBH | HBH.S | - | H079 | TS4CC-28 | 79 | | | | HHSVMCB1 | 25 | 311100 P002 | 067 | 1H | 1H |
| 050 | HIFI CS-HR-TS-P . VRTN | HBH | HBH.S | - | H079 | TS4CC-28 | 79 | | | | HHSVMCB1 | 25 | 311100 P002 | 056 | 1H | 1H |
| 049 | HIFI CS-HR-TS-P . SHD79 | | HBH.S | - | H079 | TS4CC-28 | 79 | | CS-H079 | | HHSVMCB1 | 25 | 311100 P002 | 054 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 054 | HIFI CS-HT-P . SIG | HBT | HBT.S | - | H080 | TS2CC-28 | 80 | | | | HHSVMCB1 | 25 | 311100 P002 | 065 | 1H | 1H |
| 012 | HIFI CS-HT-P . RTN | HBT | HBT.S | - | H080 | TS2CC-28 | 80 | | | | HHSVMCB1 | 25 | 311100 P002 | 053 | 1H | 1H |
| 034 | HIFI CS-HT-P . SHD80 | | HBT.S | - | H080 | TS2CC-28 | 80 | | CS-H080 | | HHSVMCB1 | 25 | 311100 P002 | 064 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 003 | NC | | | | | | | | | | | | | | | |
| 016 | NC | | | | | | | | | | | | | | | |
| 017 | NC | | | | | | | | | | | | | | | |
| 018 | NC | | | | | | | | | | | | | | | |
| 019 | NC | | | | | | | | | | | | | | | |
| 020 | NC | | | | | | | | | | | | | | | |
| 021 | NC | | | | | | | | | | | | | | | |
| 022 | NC | | | | | | | | | | | | | | | |
| 027 | NC | | | | | | | | | | | | | | | |
| 038 | NC | | | | | | | | | | | | | | | |
| 039 | NC | | | | | | | | | | | | | | | |
| 040 | NC | | | | | | | | | | | | | | | |
| 041 | NC | | | | | | | | | | | | | | | |
| 042 | NC | | | | | | | | | | | | | | | |
| 043 | NC | | | | | | | | | | | | | | | |
| 045 | NC | | | | | | | | | | | | | | | |
| 047 | NC | | | | | | | | | | | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 347 (of 474)

Connector: 112300 P016

Function / Bundle: HIFI FCU SIH-XH-05

Conn.-Type: SCC340100202BDCMA62SNMBFO

Item: HHFCU

Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 048 | NC | | | | | | | | | | | | | | |
| 059 | NC | | | | | | | | | | | | | | |
| 060 | NC | | | | | | | | | | | | | | |
| 061 | NC | | | | | | | | | | | | | | |
| 062 | NC | | | | | | | | | | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 348 (of 474)

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Pin Allocation List (Harness)

Connector: 112300 P017
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-05

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-01-15

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|----------|-------------|-------------|-----------|-------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI DP3-AC-H . SIG | HDP | HDP.S | - | H083 | TS4CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P002 | 035 | 1H 3H | |
| 003 | HIFI DP4-AC-H . SIG | HDP | HDP.U | - | H084 | TS4CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P002 | 045 | 1H 1H | |
| 004 | HIFI DP5-AC-H . SIG | HDP | HDP.U | - | H085 | TS4CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P002 | 044 | 1H 1H | |
| 010 | HIFI DP4-AC-H . RTN | HDP | HDP.U | - | H084 | TS4CC-28 | 1 | HX01 | | HHSVMCB1 | 25 | 311100 P002 | 034 | 1H 1H | |
| 001 | HIFI DP3-AC-H . SHX01 | | HDP.S | - | H083 | TS4CC-28 | 1 | | CS-HX01 | HHSVMCB1 | 25 | 311100 P002 | 046 | 1H 1H | |
| - | | | | | | | | | | | | | | 1H | |
| 005 | HIFI DP6-AC-H . SIG | HDP | HDP.T | - | H086 | TS3CC-28 | 2 | HX02 | | HHSVMCB1 | 25 | 311100 P002 | 042 | 1H 1H | |
| 007 | HIFI DP7-AC-H . SIG | HDP | HDP.V | - | H087 | TS3CC-28 | 2 | HX02 | | HHSVMCB1 | 25 | 311100 P002 | 041 | 1H 1H | |
| 006 | HIFI DP6-AC-H . RTN | HDP | HDP.T | - | H086 | TS3CC-28 | 2 | HX02 | | HHSVMCB1 | 25 | 311100 P002 | 031 | 1H 1H | |
| 015 | HIFI DP6-AC-H . SHX02 | | HDP.T | - | H086 | TS3CC-28 | 2 | | CS-HX02 | HHSVMCB1 | 25 | 311100 P002 | 030 | 1H 1H | |
| - | | | | | | | | | | | | | | 1H | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | 1H | |
| - | | | | | | | | | | | | | | 1H | |
| 008 | NC | | | | | | | | | | | | | | |
| 009 | NC | | | | | | | | | | | | | | |
| 011 | NC | | | | | | | | | | | | | | |
| 012 | NC | | | | | | | | | | | | | | |
| 013 | NC | | | | | | | | | | | | | | |
| 014 | NC | | | | | | | | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 350 (of 474)

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Pin Allocation List

(Harness)

Connector: 112300 P026
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-05

Conn.-Type: SCC340100202BDCMA62SNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|-----------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 057 | HIFI 2. IF Amp-TS-R . I | H2S | H2S.S | - | H066 | TS4CC-28 | 66 | | | | HHSVMCB1 | 25 | 311100 P002 | 113 | 1H | 1H |
| 037 | HIFI 2. IF Amp-TS-R . IRTN | H2S | H2S.S | - | H066 | TS4CC-28 | 66 | | | | HHSVMCB1 | 25 | 311100 P002 | 103 | 1H | 1H |
| 015 | HIFI 2. IF Amp-TS-R . V | H2S | H2S.S | - | H066 | TS4CC-28 | 66 | | | | HHSVMCB1 | 25 | 311100 P002 | 114 | 1H | 1H |
| 058 | HIFI 2. IF Amp-TS-R . VRTN | H2S | H2S.S | - | H066 | TS4CC-28 | 66 | | | | HHSVMCB1 | 25 | 311100 P002 | 104 | 1H | 1H |
| 036 | HIFI 2. IF Amp-TS-R . SHD66 | | H2S.S | - | H066 | TS4CC-28 | 66 | | | CS-H066 | HHSVMCB1 | 25 | 311100 P002 | 102 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 023 | HIFI CP-AC-R . A | HCA | HCA.S | - | H070 | TS4CC-28 | 70 | | | | HHSVMCB1 | 25 | 311100 P002 | 108 | 1H | 1H |
| 002 | HIFI CP-AC-R . ARTN | HCA | HCA.S | - | H070 | TS4CC-28 | 70 | | | | HHSVMCB1 | 25 | 311100 P002 | 098 | 1H | 1H |
| 044 | HIFI CP-AC-R . B | HCA | HCA.S | - | H070 | TS4CC-28 | 70 | | | | HHSVMCB1 | 25 | 311100 P002 | 109 | 1H | 1H |
| 024 | HIFI CP-AC-R . BRTN | HCA | HCA.S | - | H070 | TS4CC-28 | 70 | | | | HHSVMCB1 | 25 | 311100 P002 | 099 | 1H | 1H |
| 001 | HIFI CP-AC-R . SHD70 | | HCA.S | - | H070 | TS4CC-28 | 70 | | | CS-H070 | HHSVMCB1 | 25 | 311100 P002 | 097 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 005 | HIFI CP-LT-PY-R . SIG | HCP | HCP.S | - | H071 | TS2CC-28 | 71 | | | | HHSVMCB1 | 25 | 311100 P002 | 122 | 1H | 1H |
| 006 | HIFI CP-LT-PY-R . RTN | HCP | HCP.S | - | H071 | TS2CC-28 | 71 | | | | HHSVMCB1 | 25 | 311100 P002 | 115 | 1H | 1H |
| 028 | HIFI CP-LT-PY-R . SHD71 | | HCP.S | - | H071 | TS2CC-28 | 71 | | | CS-H071 | HHSVMCB1 | 25 | 311100 P002 | 105 | 3H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 046 | HIFI CP-LT-SY-R . A | HCS | HCS.S | - | H072 | TS3CC-28 | 72 | | | | HHSVMCB1 | 25 | 311100 P002 | 106 | 1H | 1H |
| 025 | HIFI CP-LT-SY-R . B | HCS | HCS.S | - | H072 | TS3CC-28 | 72 | | | | HHSVMCB1 | 25 | 311100 P002 | 107 | 1H | 1H |
| 004 | HIFI CP-LT-SY-R . RTN | HCS | HCS.S | - | H072 | TS3CC-28 | 72 | | | | HHSVMCB1 | 25 | 311100 P002 | 096 | 1H | 1H |
| 026 | HIFI CP-LT-SY-R . SHD72 | | HCS.S | - | H072 | TS3CC-28 | 72 | | | CS-H072 | HHSVMCB1 | 25 | 311100 P002 | 095 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 030 | HIFI Therm. S10K R . I | HBC | HT1.S | - | H075 | TS4CC-28 | 75 | | | | HHSVMCB1 | 25 | 311100 P002 | 087 | 1H | 1H |
| 031 | HIFI Therm. S10K R . IRTN | HBC | HT1.S | - | H075 | TS4CC-28 | 75 | | | | HHSVMCB1 | 25 | 311100 P002 | 075 | 1H | 1H |
| 051 | HIFI Therm. S10K R . V | HBC | HT1.S | - | H075 | TS4CC-28 | 75 | | | | HHSVMCB1 | 25 | 311100 P002 | 088 | 1H | 1H |
| 009 | HIFI Therm. S10K R . VRTN | HBC | HT1.S | - | H075 | TS4CC-28 | 75 | | | | HHSVMCB1 | 25 | 311100 P002 | 076 | 1H | 1H |
| 011 | HIFI Therm. S10K R . SHD75 | | HT1.S | - | H075 | TS4CC-28 | 75 | | | CS-H075 | HHSVMCB1 | 25 | 311100 P002 | 086 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 052 | HIFI Therm. S02K R . I | HT2 | HT2.S | - | H076 | TS4CC-28 | 76 | | | | HHSVMCB1 | 25 | 311100 P002 | 084 | 1H | 1H |
| 053 | HIFI Therm. S02K R . IRTN | HT2 | HT2.S | - | H076 | TS4CC-28 | 76 | | | | HHSVMCB1 | 25 | 311100 P002 | 073 | 1H | 1H |
| 010 | HIFI Therm. S02K R . V | HT2 | HT2.S | - | H076 | TS4CC-28 | 76 | | | | HHSVMCB1 | 25 | 311100 P002 | 085 | 1H | 1H |
| 032 | HIFI Therm. S02K R . VRTN | HT2 | HT2.S | - | H076 | TS4CC-28 | 76 | | | | HHSVMCB1 | 25 | 311100 P002 | 074 | 1H | 1H |
| 033 | HIFI Therm. S02K R . SHD76 | | HT2.S | - | H076 | TS4CC-28 | 76 | | | CS-H076 | HHSVMCB1 | 25 | 311100 P002 | 072 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 007 | HIFI CS-HR-TS-R . I | HBH | HBH.S | - | H081 | TS4CC-28 | 81 | | | | HHSVMCB1 | 25 | 311100 P002 | 061 | 1H | 1H |

Pin Allocation List

(Harness)

Connector: 112300 P026
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-05

Conn.-Type: SCC340100202BDCMA62SNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|----------------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| 008 | HIFI CS-HR-TS-R . IRTN | HBH | HBH.S | - | H081 | TS4CC-28 | 81 | | | | HHSVMCB1 | 25 | 311100 P002 | 049 | 1H | 1H |
| 029 | HIFI CS-HR-TS-R . V | HBH | HBH.S | - | H081 | TS4CC-28 | 81 | | | | HHSVMCB1 | 25 | 311100 P002 | 062 | 1H | 1H |
| 050 | HIFI CS-HR-TS-R . VRTN | HBH | HBH.S | - | H081 | TS4CC-28 | 81 | | | | HHSVMCB1 | 25 | 311100 P002 | 050 | 1H | 1H |
| 049 | HIFI CS-HR-TS-R . SHD81 | | HBH.S | - | H081 | TS4CC-28 | 81 | | CS-H081 | | HHSVMCB1 | 25 | 311100 P002 | 060 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| 014 | HIFI Therm. S04K R . I | HT4 | HT4.S | - | H077 | TS4CC-28 | 77 | | | | HHSVMCB1 | 25 | 311100 P002 | 082 | 1H | 1H |
| 056 | HIFI Therm. S04K R . IRTN | HT4 | HT4.S | - | H077 | TS4CC-28 | 77 | | | | HHSVMCB1 | 25 | 311100 P002 | 059 | 1H | 1H |
| 013 | HIFI Therm. S04K R . V | HT4 | HT4.S | - | H077 | TS4CC-28 | 77 | | | | HHSVMCB1 | 25 | 311100 P002 | 083 | 1H | 1H |
| 035 | HIFI Therm. S04K R . VRTN | HT4 | HT4.S | - | H077 | TS4CC-28 | 77 | | | | HHSVMCB1 | 25 | 311100 P002 | 071 | 1H | 1H |
| 055 | HIFI Therm. S04K R . SHD77 | | HT4.S | - | H077 | TS4CC-28 | 77 | | CS-H077 | | HHSVMCB1 | 25 | 311100 P002 | 094 | 1H | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 054 | HIFI CS-HT-R . SIG | HBT | HBT.S | - | H082 | TS2CC-28 | 82 | | | | HHSVMCB1 | 25 | 311100 P002 | 063 | 1H | 1H |
| 012 | HIFI CS-HT-R . RTN | HBT | HBT.S | - | H082 | TS2CC-28 | 82 | | | | HHSVMCB1 | 25 | 311100 P002 | 052 | 1H | 1H |
| 034 | HIFI CS-HT-R . SHD82 | | HBT.S | - | H082 | TS2CC-28 | 82 | | CS-H082 | | HHSVMCB1 | 25 | 311100 P002 | 051 | 1H | 1H |
| - | | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | | 1H |
| - | | | | | | | | | | | | | | | | 1H |
| 003 | NC | | | | | | | | | | | | | | | 1H |
| 016 | NC | | | | | | | | | | | | | | | |
| 017 | NC | | | | | | | | | | | | | | | |
| 018 | NC | | | | | | | | | | | | | | | |
| 019 | NC | | | | | | | | | | | | | | | |
| 020 | NC | | | | | | | | | | | | | | | |
| 021 | NC | | | | | | | | | | | | | | | |
| 022 | NC | | | | | | | | | | | | | | | |
| 027 | NC | | | | | | | | | | | | | | | |
| 038 | NC | | | | | | | | | | | | | | | |
| 039 | NC | | | | | | | | | | | | | | | |
| 040 | NC | | | | | | | | | | | | | | | |
| 041 | NC | | | | | | | | | | | | | | | |
| 042 | NC | | | | | | | | | | | | | | | |
| 043 | NC | | | | | | | | | | | | | | | |
| 045 | NC | | | | | | | | | | | | | | | |
| 047 | NC | | | | | | | | | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 353 (of 474)

Connector: 112300 P026
Item: HHFCU

Function / Bundle: HIFI FCU SIH-XH-05

Conn.-Type: SCC340100202BDCMA62SNMBFO
Backshell: CA-27-37

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---------|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 048 | NC | | | | | | | | | | | | | | |
| 059 | NC | | | | | | | | | | | | | | |
| 060 | NC | | | | | | | | | | | | | | |
| 061 | NC | | | | | | | | | | | | | | |
| 062 | NC | | | | | | | | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112300 P027
Item: HHFCU
Function / Bundle: HIFI FCU SIH-XH-05
Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-01-15

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|--------------------------|----------|-------------|-------------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 002 | HIFI DP3-AC-V . SIG | HDP | HDP.S | - | H088 | TS4CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P002 | 014 | 1H | 3H |
| 003 | HIFI DP4-AC-V . SIG | HDP | HDP.U | - | H089 | TS4CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P002 | 022 | 1H | 1H |
| 004 | HIFI DP5-AC-V . SIG | HDP | HDP.U | - | H090 | TS4CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P002 | 020 | 1H | 1H |
| 010 | HIFI DP3-AC-V . RTN | HDP | HDP.S | - | H088 | TS4CC-28 | 3 | HX03 | | HHSVMCB1 | 25 | 311100 P002 | 024 | 1H | 3H |
| 001 | HIFI DP3-AC-V . SHX03 | | HDP.S | - | H088 | TS4CC-28 | 3 | | CS-HX03 | HHSVMCB1 | 25 | 311100 P002 | 011 | 1H | 1H |
| - | | | | | | | | | | | | | | | 1H |
| 005 | HIFI DP6-AC-V . SIG | HDP | HDP.T | - | H091 | TS3CC-28 | 4 | HX04 | | HHSVMCB1 | 25 | 311100 P002 | 015 | 1H | 1H |
| 007 | HIFI DP7-AC-V . SIG | HDP | HDP.V | - | H092 | TS3CC-28 | 4 | HX04 | | HHSVMCB1 | 25 | 311100 P002 | 017 | 1H | 1H |
| 006 | HIFI DP7-AC-V . RTN | HDP | HDP.V | - | H092 | TS3CC-28 | 4 | HX04 | | HHSVMCB1 | 25 | 311100 P002 | 009 | 1H | 1H |
| 015 | HIFI DP7-AC-V . SHX04 | | HDP.V | - | H092 | TS3CC-28 | 4 | | CS-HX04 | HHSVMCB1 | 25 | 311100 P002 | 018 | 1H | 1H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| 008 | NC | | | | | | | | | | | | | | |
| 009 | NC | | | | | | | | | | | | | | |
| 011 | NC | | | | | | | | | | | | | | |
| 012 | NC | | | | | | | | | | | | | | |
| 013 | NC | | | | | | | | | | | | | | |
| 014 | NC | | | | | | | | | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 356 (of 474)

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Pin Allocation List

(Harness)

Connector: 311200 P005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 1A D . S11 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHLCU | 16 | 112100 P007 | 001 | 3H 3H 3H |
| 089 | HIFI LOA 1A D . S12 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHLCU | 16 | 112100 P007 | 001 | 3H 3H 3H |
| 090 | HIFI LOA 1A D . S13 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHLCU | 16 | 112100 P007 | 001 | 3H 3H 3H |
| 100 | HIFI LOA 1A D . R11 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHLCU | 16 | 112100 P007 | 016 | 3H 3H 3H |
| 101 | HIFI LOA 1A D . R12 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHLCU | 16 | 112100 P007 | 016 | 3H 3H 3H |
| 079 | HIFI LOA 1A D . R13 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHLCU | 16 | 112100 P007 | 016 | 3H 3H 3H |
| 068 | HIFI LOA 1A D . SHD11 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | CS-101-1 | | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 055 | HIFI LOA 1A D . S21 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHLCU | 16 | 112100 P007 | 031 | 3H 3H 3H |
| 056 | HIFI LOA 1A D . S22 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHLCU | 16 | 112100 P007 | 031 | 3H 3H 3H |
| 067 | HIFI LOA 1A D . S23 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHLCU | 16 | 112100 P007 | 031 | 3H 3H 3H |
| 044 | HIFI LOA 1A D . R21 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHLCU | 16 | 112100 P007 | 017 | 3H 3H 3H |
| 045 | HIFI LOA 1A D . R22 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHLCU | 16 | 112100 P007 | 017 | 3H 3H 3H |
| 066 | HIFI LOA 1A D . R23 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHLCU | 16 | 112100 P007 | 017 | 3H 3H 3H |
| 068 | HIFI LOA 1A D . SHD12 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | CS-101-2 | | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 097 | HIFI LOA 1A G . 1 | | HL.G.S - | | H102 | TS2CC-28 | 21 | 102-1 | | | HHLCU | 16 | 112100 P007 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 1A G . 1RTN | | HL.G.S - | | H102 | TS2CC-28 | 21 | 102-1 | | | HHLCU | 16 | 112100 P007 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 1A G . SHD21 | | HL.G.S - | | H102 | TS2CC-28 | 21 | 102-1 | CS-102-1 | | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 1A G . 2 | | HL.G.S - | | H102 | TS2CC-28 | 22 | 102-2 | | | HHLCU | 16 | 112100 P007 | 005 | 3H 3H 3H |
| 085 | HIFI LOA 1A G . 2RTN | | HL.G.S - | | H102 | TS2CC-28 | 22 | 102-2 | | | HHLCU | 16 | 112100 P007 | 021 | 3H 3H 3H |
| 074 | HIFI LOA 1A G . SHD22 | | HL.G.S - | | H102 | TS2CC-28 | 22 | 102-2 | CS-102-2 | | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 118 | HIFI LOA 1A . D1S | | HLX.S - | | H103 | TS2CC-28 | 31 | 103-1 | | | HHLCU | 16 | 112100 P007 | 002 | 3H 3H 3H |
| 126 | HIFI LOA 1A . D1SRT | | HLX.S - | | H103 | TS2CC-28 | 31 | 103-1 | | | HHLCU | 16 | 112100 P007 | 018 | 3H 3H 3H |
| 109 | HIFI LOA 1A . SHD31 | | HLX.S - | | H103 | TS2CC-28 | 31 | 103-1 | CS-103-1 | | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 119 | HIFI LOA 1A . D2S | | HLX.S - | | H103 | TS2CC-28 | 32 | 103-2 | | | HHLCU | 16 | 112100 P007 | 003 | 3H 3H 3H |
| 110 | HIFI LOA 1A . D2SRT | | HLX.S - | | H103 | TS2CC-28 | 32 | 103-2 | | | HHLCU | 16 | 112100 P007 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 1A . SHD32 | | HLX.S - | | H103 | TS2CC-28 | 32 | 103-2 | CS-103-2 | | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 127 | HIFI LOA 1A . G1S | | HLX.S - | | H103 | TS2CC-28 | 33 | 103-3 | | | HHLCU | 16 | 112100 P007 | 032 | 3H 3H 3H |
| 128 | HIFI LOA 1A . G1SRT | | HLX.S - | | H103 | TS2CC-28 | 33 | 103-3 | | | HHLCU | 16 | 112100 P007 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 P005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 109 | HIFI LOA 1A . SHD33 | | HLX.S - | | H103 | TS2CC-28 | 33 | 103-3 | | CS-103-3 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 111 | HIFI LOA 1A . G2S | | HLX.S - | | H103 | TS2CC-28 | 34 | 103-4 | | | HHLCU | 16 | 112100 P007 | 033 | 3H 3H 3H |
| 120 | HIFI LOA 1A . G2SRT | | HLX.S - | | H103 | TS2CC-28 | 34 | 103-4 | | | HHLCU | 16 | 112100 P007 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 1A . SHD34 | | HLX.S - | | H103 | TS2CC-28 | 34 | 103-4 | | CS-103-4 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 092 | HIFI LOA 1A T . VP | | HLT.S - | | H104 | TS2CC-28 | 41 | 104-1 | | | HHLCU | 16 | 112100 P007 | 036 | 3H 3H 3H |
| 104 | HIFI LOA 1A T . VN | | HLT.S - | | H104 | TS2CC-28 | 41 | 104-1 | | | HHLCU | 16 | 112100 P007 | 022 | 3H 3H 3H |
| 070 | HIFI LOA 1A T . SHD41 | | HLT.S - | | H104 | TS2CC-28 | 41 | 104-1 | | CS-104-1 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 093 | HIFI LOA 1A T . IP | | HLT.S - | | H104 | TS2CC-28 | 42 | 104-2 | | | HHLCU | 16 | 112100 P007 | 006 | 3H 3H 3H |
| 081 | HIFI LOA 1A T . IN | | HLT.S - | | H104 | TS2CC-28 | 42 | 104-2 | | | HHLCU | 16 | 112100 P007 | 007 | 3H 3H 3H |
| 070 | HIFI LOA 1A T . SHD42 | | HLT.S - | | H104 | TS2CC-28 | 42 | 104-2 | | CS-104-2 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 039 | HIFI LOA 1A P . L | | HLP.S - | | H105 | TS2CC-28 | 5 | | | | HHLCU | 16 | 112100 P007 | 008 | 3H 3H 3H |
| 040 | HIFI LOA 1A P . LRTN | | HLP.S - | | H105 | TS2CC-28 | 5 | | | | HHLCU | 16 | 112100 P007 | 024 | 3H 3H 3H |
| 028 | HIFI LOA 1A P . SHD05 | | HLP.S - | | H105 | TS2CC-28 | 5 | | | CS-H105 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 117 | HIFI LOA 1A MS . 1 | | HL1.S - | | H106 | TS2CC-28 | 61 | 106-1 | | | HHLCU | 16 | 112100 P007 | 012 | 3H 3H 3H |
| 124 | HIFI LOA 1A MS . 1RTN | | HL1.S - | | H106 | TS2CC-28 | 61 | 106-1 | | | HHLCU | 16 | 112100 P007 | 028 | 3H 3H 3H |
| 125 | HIFI LOA 1A MS . SHD61 | | HL1.S - | | H106 | TS2CC-28 | 61 | | | CS-106-1 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 123 | HIFI LOA 1A MS . 2 | | HL1.S - | | H106 | TS2CC-28 | 62 | 106-2 | | | HHLCU | 16 | 112100 P007 | 042 | 3H 3H 3H |
| 116 | HIFI LOA 1A MS . 2RTN | | HL1.S - | | H106 | TS2CC-28 | 62 | 106-2 | | | HHLCU | 16 | 112100 P007 | 043 | 3H 3H 3H |
| 125 | HIFI LOA 1A MS . SHD62 | | HL1.S - | | H106 | TS2CC-28 | 62 | | | CS-106-2 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 1A M . 1 | | HL5.S - | | H107 | TS2CC-28 | 71 | 107-1 | | | HHLCU | 16 | 112100 P007 | 038 | 3H 3H 3H |
| 121 | HIFI LOA 1A M . 1RTN | | HL5.S - | | H107 | TS2CC-28 | 71 | 107-1 | | | HHLCU | 16 | 112100 P007 | 039 | 3H 3H 3H |
| 091 | HIFI LOA 1A M . SHD71 | | HL5.S - | | H107 | TS2CC-28 | 71 | 107-1 | | CS-107-1 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 1A M . 2 | | HL5.S - | | H107 | TS2CC-28 | 72 | 107-2 | | | HHLCU | 16 | 112100 P007 | 009 | 3H 3H 3H |
| 102 | HIFI LOA 1A M . 2RTN | | HL5.S - | | H107 | TS2CC-28 | 72 | 107-2 | | | HHLCU | 16 | 112100 P007 | 025 | 3H 3H 3H |
| 091 | HIFI LOA 1A M . SHD72 | | HL5.S - | | H107 | TS2CC-28 | 72 | 107-2 | | CS-107-2 | HHLCU | 16 | 112100 P007 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |

Pin Allocation List

(Harness)

Connector: 311200 P005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 064 | HIFI LOA 2A D . S31 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHLCU | 16 | 112100 P008 | 001 | 3H 3H 3H |
| 087 | HIFI LOA 2A D . S32 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHLCU | 16 | 112100 P008 | 001 | 3H 3H 3H |
| 088 | HIFI LOA 2A D . S33 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHLCU | 16 | 112100 P008 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 2A D . R31 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHLCU | 16 | 112100 P008 | 016 | 3H 3H 3H |
| 076 | HIFI LOA 2A D . R32 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHLCU | 16 | 112100 P008 | 016 | 3H 3H 3H |
| 099 | HIFI LOA 2A D . R33 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHLCU | 16 | 112100 P008 | 016 | 3H 3H 3H |
| 077 | HIFI LOA 2A D . SHD91 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | CS-201-1 | | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 031 | HIFI LOA 2A D . S41 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHLCU | 16 | 112100 P008 | 031 | 3H 3H 3H |
| 053 | HIFI LOA 2A D . S42 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHLCU | 16 | 112100 P008 | 031 | 3H 3H 3H |
| 054 | HIFI LOA 2A D . S43 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHLCU | 16 | 112100 P008 | 031 | 3H 3H 3H |
| 042 | HIFI LOA 2A D . R41 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHLCU | 16 | 112100 P008 | 017 | 3H 3H 3H |
| 043 | HIFI LOA 2A D . R42 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHLCU | 16 | 112100 P008 | 017 | 3H 3H 3H |
| 065 | HIFI LOA 2A D . R43 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHLCU | 16 | 112100 P008 | 017 | 3H 3H 3H |
| 077 | HIFI LOA 2A D . SHD92 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | CS-201-2 | | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 063 | HIFI LOA 2A G . 1 | | HLG.S - | | H202 | TS2CC-28 | 81 | 202-1 | | | HHLCU | 16 | 112100 P008 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 2A G . 1RTN | | HLG.S - | | H202 | TS2CC-28 | 81 | 202-1 | | | HHLCU | 16 | 112100 P008 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 2A G . SHD81 | | HLG.S - | | H202 | TS2CC-28 | 81 | 202-1 | CS-202-1 | | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 2A G . 2 | | HLG.S - | | H202 | TS2CC-28 | 82 | 202-2 | | | HHLCU | 16 | 112100 P008 | 005 | 3H 3H 3H |
| 052 | HIFI LOA 2A G . 2RTN | | HLG.S - | | H202 | TS2CC-28 | 82 | 202-2 | | | HHLCU | 16 | 112100 P008 | 021 | 3H 3H 3H |
| 073 | HIFI LOA 2A G . SHD82 | | HLG.S - | | H202 | TS2CC-28 | 82 | 202-2 | CS-202-2 | | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 037 | HIFI LOA 2A . D1S | | HLX.S - | | H203 | TS2CC-28 | 35 | 203-1 | | | HHLCU | 16 | 112100 P008 | 002 | 3H 3H 3H |
| 049 | HIFI LOA 2A . D1SRT | | HLX.S - | | H203 | TS2CC-28 | 35 | 203-1 | | | HHLCU | 16 | 112100 P008 | 018 | 3H 3H 3H |
| 025 | HIFI LOA 2A . SHD35 | | HLX.S - | | H203 | TS2CC-28 | 35 | 203-1 | CS-203-1 | | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 038 | HIFI LOA 2A . D2S | | HLX.S - | | H203 | TS2CC-28 | 36 | 203-2 | | | HHLCU | 16 | 112100 P008 | 003 | 3H 3H 3H |
| 026 | HIFI LOA 2A . D2SRT | | HLX.S - | | H203 | TS2CC-28 | 36 | 203-2 | | | HHLCU | 16 | 112100 P008 | 019 | 3H 3H 3H |
| 025 | HIFI LOA 2A . SHD36 | | HLX.S - | | H203 | TS2CC-28 | 36 | 203-2 | CS-203-2 | | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 016 | HIFI LOA 2A . G1S | | HLX.S - | | H203 | TS2CC-28 | 37 | 203-3 | | | HHLCU | 16 | 112100 P008 | 032 | 3H 3H 3H |
| 027 | HIFI LOA 2A . G1SRT | | HLX.S - | | H203 | TS2CC-28 | 37 | 203-3 | | | HHLCU | 16 | 112100 P008 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 P005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 025 | HIFI LOA 2A . SHD37 | | HLX.S - | | H203 | TS2CC-28 | 37 | 203-3 | | CS-203-3 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 2A . G2S | | HLX.S - | | H203 | TS2CC-28 | 38 | 203-4 | | | HHLCU | 16 | 112100 P008 | 033 | 3H 3H 3H |
| 008 | HIFI LOA 2A . G2SRT | | HLX.S - | | H203 | TS2CC-28 | 38 | 203-4 | | | HHLCU | 16 | 112100 P008 | 019 | 3H 3H 3H |
| 025 | HIFI LOA 2A . SHD38 | | HLX.S - | | H203 | TS2CC-28 | 38 | | | CS-203-4 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 009 | HIFI LOA 2A T . VP | | HLT.S - | | H204 | TS2CC-28 | 46 | 204-1 | | | HHLCU | 16 | 112100 P008 | 036 | 3H 3H 3H |
| 017 | HIFI LOA 2A T . VN | | HLT.S - | | H204 | TS2CC-28 | 46 | 204-1 | | | HHLCU | 16 | 112100 P008 | 022 | 3H 3H 3H |
| 003 | HIFI LOA 2A T . SHD46 | | HLT.S - | | H204 | TS2CC-28 | 46 | 204-1 | | CS-204-1 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 001 | HIFI LOA 2A T . IP | | HLT.S - | | H204 | TS2CC-28 | 47 | 204-2 | | | HHLCU | 16 | 112100 P008 | 006 | 3H 3H 3H |
| 002 | HIFI LOA 2A T . IN | | HLT.S - | | H204 | TS2CC-28 | 47 | 204-2 | | | HHLCU | 16 | 112100 P008 | 007 | 3H 3H 3H |
| 003 | HIFI LOA 2A T . SHD47 | | HLT.S - | | H204 | TS2CC-28 | 47 | 204-2 | | CS-204-2 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 029 | HIFI LOA 2A P . L | | HLP.S - | | H205 | TS2CC-28 | 50 | | | | HHLCU | 16 | 112100 P008 | 008 | 3H 3H 3H |
| 030 | HIFI LOA 2A P . LRTN | | HLP.S - | | H205 | TS2CC-28 | 50 | | | | HHLCU | 16 | 112100 P008 | 024 | 3H 3H 3H |
| 041 | HIFI LOA 2A P . SHD50 | | HLP.S - | | H205 | TS2CC-28 | 50 | | | CS-H205 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 058 | HIFI LOA 2A MS . 1 | | HL2.S - | | H206 | TS2CC-28 | 61 | 206-1 | | | HHLCU | 16 | 112100 P008 | 012 | 3H 3H 3H |
| 057 | HIFI LOA 2A MS . 1RTN | | HL2.S - | | H206 | TS2CC-28 | 61 | 206-1 | | | HHLCU | 16 | 112100 P008 | 028 | 3H 3H 3H |
| 069 | HIFI LOA 2A MS . SHD61 | | HL2.S - | | H206 | TS2CC-28 | 61 | 206-1 | | CS-206-1 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 046 | HIFI LOA 2A MS . 2 | | HL2.S - | | H206 | TS2CC-28 | 62 | 206-2 | | | HHLCU | 16 | 112100 P008 | 042 | 3H 3H 3H |
| 047 | HIFI LOA 2A MS . 2RTN | | HL2.S - | | H206 | TS2CC-28 | 62 | 206-2 | | | HHLCU | 16 | 112100 P008 | 043 | 3H 3H 3H |
| 069 | HIFI LOA 2A MS . SHD62 | | HL2.S - | | H206 | TS2CC-28 | 62 | 206-2 | | CS-206-2 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 034 | HIFI LOA 2A MS . 3 | | HL2.S - | | H206 | TS2CC-28 | 63 | 206-3 | | | HHLCU | 16 | 112100 P008 | 013 | 3H 3H 3H |
| 035 | HIFI LOA 2A MS . 3RTN | | HL2.S - | | H206 | TS2CC-28 | 63 | 206-3 | | | HHLCU | 16 | 112100 P008 | 029 | 3H 3H 3H |
| 069 | HIFI LOA 2A MS . SHD63 | | HL2.S - | | H206 | TS2CC-28 | 63 | 206-3 | | CS-206-3 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 032 | HIFI LOA 2A M . 1 | | HL6.S - | | H207 | TS2CC-28 | 75 | 207-1 | | | HHLCU | 16 | 112100 P008 | 038 | 3H 3H 3H |
| 033 | HIFI LOA 2A M . 1RTN | | HL6.S - | | H207 | TS2CC-28 | 75 | 207-1 | | | HHLCU | 16 | 112100 P008 | 039 | 3H 3H 3H |
| 006 | HIFI LOA 2A M . SHD75 | | HL6.S - | | H207 | TS2CC-28 | 75 | 207-1 | | CS-207-1 | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 361 (of 474)

Connector: 311200 P005
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-06

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|--|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 023 | HIFI LOA 2A M . 2 | | HL6.S - | | H207 | TS2CC-28 | 76 | 207-2 | | | HHLCU | 16 | 112100 P008 | 009 | 3H 3H 3H |
| 022 | HIFI LOA 2A M . 2RTN | | HL6.S - | | H207 | TS2CC-28 | 76 | 207-2 | | | HHLCU | 16 | 112100 P008 | 025 | 3H 3H 3H |
| 006 | HIFI LOA 2A M . SHD76 | | HL6.S - | | H207 | TS2CC-28 | 76 | 207-2 | CS-H207 | | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 2A M . 3 | | HL6.S - | | H207 | TS2CC-28 | 77 | 207-3 | | | HHLCU | 16 | 112100 P008 | 010 | 3H 3H 3H |
| 007 | HIFI LOA 2A M . 3RTN | | HL6.S - | | H207 | TS2CC-28 | 77 | 207-3 | | | HHLCU | 16 | 112100 P008 | 026 | 3H 3H 3H |
| 006 | HIFI LOA 2A M . SHD77 | | HL6.S - | | H207 | TS2CC-28 | 77 | 207-3 | CS-H207 | | HHLCU | 16 | 112100 P008 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | R |
| - | | | | | | | | | | | | | | | 3H |
| - | 34 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;004 ;005 ;010 ;011 ;012 ;013 ;018 ;019 ;020 ;021 ;024 ;036 ;048 ;050 ;059 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;103 ;105 ;106 ;107 ;108 ;114 ;115 ;122 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 362 (of 474)

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Pin Allocation List

(Harness)

Connector: 112100 P007
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-06

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 1A D . S11 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHSVMCB2 | 26 | 311200 P005 | 078 | 3H 3H 3H |
| 001 | HIFI LOA 1A D . S12 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHSVMCB2 | 26 | 311200 P005 | 089 | 3H 3H 3H |
| 001 | HIFI LOA 1A D . S13 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHSVMCB2 | 26 | 311200 P005 | 090 | 3H 3H 3H |
| 016 | HIFI LOA 1A D . R11 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHSVMCB2 | 26 | 311200 P005 | 100 | 3H 3H 3H |
| 016 | HIFI LOA 1A D . R12 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHSVMCB2 | 26 | 311200 P005 | 101 | 3H 3H 3H |
| 016 | HIFI LOA 1A D . R13 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | | | HHSVMCB2 | 26 | 311200 P005 | 079 | 3H 3H 3H |
| NC | HIFI LOA 1A D . SHD11 | | HL.D.S - | | H101 | TS6CC-22 | 11 | 101-1 | CS-101-1 | | HHSVMCB2 | 26 | 311200 P005 | 068 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 031 | HIFI LOA 1A D . S21 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHSVMCB2 | 26 | 311200 P005 | 055 | 3H 3H 3H |
| 031 | HIFI LOA 1A D . S22 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHSVMCB2 | 26 | 311200 P005 | 056 | 3H 3H 3H |
| 031 | HIFI LOA 1A D . S23 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHSVMCB2 | 26 | 311200 P005 | 067 | 3H 3H 3H |
| 017 | HIFI LOA 1A D . R21 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHSVMCB2 | 26 | 311200 P005 | 044 | 3H 3H 3H |
| 017 | HIFI LOA 1A D . R22 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHSVMCB2 | 26 | 311200 P005 | 045 | 3H 3H 3H |
| 017 | HIFI LOA 1A D . R23 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | | | HHSVMCB2 | 26 | 311200 P005 | 066 | 3H 3H 3H |
| NC | HIFI LOA 1A D . SHD12 | | HL.D.S - | | H101 | TS6CC-22 | 12 | 101-2 | CS-101-2 | | HHSVMCB2 | 26 | 311200 P005 | 068 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 1A G . 1 | | HL.G.S - | | H102 | TS2CC-28 | 21 | 102-1 | | | HHSVMCB2 | 26 | 311200 P005 | 097 | 3H 3H 3H |
| 020 | HIFI LOA 1A G . 1RTN | | HL.G.S - | | H102 | TS2CC-28 | 21 | 102-1 | | | HHSVMCB2 | 26 | 311200 P005 | 098 | 3H 3H 3H |
| NC | HIFI LOA 1A G . SHD21 | | HL.G.S - | | H102 | TS2CC-28 | 21 | 102-1 | CS-102-1 | | HHSVMCB2 | 26 | 311200 P005 | 074 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 005 | HIFI LOA 1A G . 2 | | HL.G.S - | | H102 | TS2CC-28 | 22 | 102-2 | | | HHSVMCB2 | 26 | 311200 P005 | 086 | 3H 3H 3H |
| 021 | HIFI LOA 1A G . 2RTN | | HL.G.S - | | H102 | TS2CC-28 | 22 | 102-2 | | | HHSVMCB2 | 26 | 311200 P005 | 085 | 3H 3H 3H |
| NC | HIFI LOA 1A G . SHD22 | | HL.G.S - | | H102 | TS2CC-28 | 22 | 102-2 | CS-102-2 | | HHSVMCB2 | 26 | 311200 P005 | 074 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 1A . D1S | | HLX.S - | | H103 | TS2CC-28 | 31 | 103-1 | | | HHSVMCB2 | 26 | 311200 P005 | 118 | 3H 3H 3H |
| 018 | HIFI LOA 1A . D1SRT | | HLX.S - | | H103 | TS2CC-28 | 31 | 103-1 | | | HHSVMCB2 | 26 | 311200 P005 | 126 | 3H 3H 3H |
| NC | HIFI LOA 1A . SHD31 | | HLX.S - | | H103 | TS2CC-28 | 31 | 103-1 | CS-103-1 | | HHSVMCB2 | 26 | 311200 P005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 003 | HIFI LOA 1A . D2S | | HLX.S - | | H103 | TS2CC-28 | 32 | 103-2 | | | HHSVMCB2 | 26 | 311200 P005 | 119 | 3H 3H 3H |
| 019 | HIFI LOA 1A . D2SRT | | HLX.S - | | H103 | TS2CC-28 | 32 | 103-2 | | | HHSVMCB2 | 26 | 311200 P005 | 110 | 3H 3H 3H |
| NC | HIFI LOA 1A . SHD32 | | HLX.S - | | H103 | TS2CC-28 | 32 | 103-2 | CS-103-2 | | HHSVMCB2 | 26 | 311200 P005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 032 | HIFI LOA 1A . G1S | | HLX.S - | | H103 | TS2CC-28 | 33 | 103-3 | | | HHSVMCB2 | 26 | 311200 P005 | 127 | 3H 3H 3H |
| 018 | HIFI LOA 1A . G1SRT | | HLX.S - | | H103 | TS2CC-28 | 33 | 103-3 | | | HHSVMCB2 | 26 | 311200 P005 | 128 | 3H 3H 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P007
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-06
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 1A . SHD33 | | HLX.S - | | H103 | TS2CC-28 | 33 | 103-3 | | CS-103-3 | HHSVMCB2 | 26 | 311200 P005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 1A . G2S | | HLX.S - | | H103 | TS2CC-28 | 34 | 103-4 | | | HHSVMCB2 | 26 | 311200 P005 | 111 | 3H 3H 3H |
| 019 | HIFI LOA 1A . G2SRT | | HLX.S - | | H103 | TS2CC-28 | 34 | 103-4 | | | HHSVMCB2 | 26 | 311200 P005 | 120 | 3H 3H 3H |
| NC | HIFI LOA 1A . SHD34 | | HLX.S - | | H103 | TS2CC-28 | 34 | 103-4 | | CS-103-3 | HHSVMCB2 | 26 | 311200 P005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 1A T . VP | | HLT.S - | | H104 | TS2CC-28 | 41 | 104-1 | | | HHSVMCB2 | 26 | 311200 P005 | 092 | 3H 3H 3H |
| 022 | HIFI LOA 1A T . VN | | HLT.S - | | H104 | TS2CC-28 | 41 | 104-1 | | | HHSVMCB2 | 26 | 311200 P005 | 104 | 3H 3H 3H |
| NC | HIFI LOA 1A T . SHD41 | | HLT.S - | | H104 | TS2CC-28 | 41 | 104-1 | | CS-104-1 | HHSVMCB2 | 26 | 311200 P005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 1A T . IP | | HLT.S - | | H104 | TS2CC-28 | 42 | 104-2 | | | HHSVMCB2 | 26 | 311200 P005 | 093 | 3H 3H 3H |
| 007 | HIFI LOA 1A T . IN | | HLT.S - | | H104 | TS2CC-28 | 42 | 104-2 | | | HHSVMCB2 | 26 | 311200 P005 | 081 | 3H 3H 3H |
| NC | HIFI LOA 1A T . SHD42 | | HLT.S - | | H104 | TS2CC-28 | 42 | 104-2 | | CS-104-2 | HHSVMCB2 | 26 | 311200 P005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 1A P . L | | HLP.S - | | H105 | TS2CC-28 | 5 | | | | HHSVMCB2 | 26 | 311200 P005 | 039 | 3H 3H 3H |
| 024 | HIFI LOA 1A P . LRTN | | HLP.S - | | H105 | TS2CC-28 | 5 | | | | HHSVMCB2 | 26 | 311200 P005 | 040 | 3H 3H 3H |
| NC | HIFI LOA 1A P . SHD05 | | HLP.S - | | H105 | TS2CC-28 | 5 | | | CS-H105 | HHSVMCB2 | 26 | 311200 P005 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 1A MS . 1 | | HL1.S - | | H106 | TS2CC-28 | 61 | 106-1 | | | HHSVMCB2 | 26 | 311200 P005 | 117 | 3H 3H 3H |
| 028 | HIFI LOA 1A MS . 1RTN | | HL1.S - | | H106 | TS2CC-28 | 61 | 106-1 | | | HHSVMCB2 | 26 | 311200 P005 | 124 | 3H 3H 3H |
| NC | HIFI LOA 1A MS . SHD61 | | HL1.S - | | H106 | TS2CC-28 | 61 | 106-1 | | CS-106-1 | HHSVMCB2 | 26 | 311200 P005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 1A MS . 2 | | HL1.S - | | H106 | TS2CC-28 | 62 | 106-2 | | | HHSVMCB2 | 26 | 311200 P005 | 123 | 3H 3H 3H |
| 043 | HIFI LOA 1A MS . 2RTN | | HL1.S - | | H106 | TS2CC-28 | 62 | 106-2 | | | HHSVMCB2 | 26 | 311200 P005 | 116 | 3H 3H 3H |
| NC | HIFI LOA 1A MS . SHD62 | | HL1.S - | | H106 | TS2CC-28 | 62 | 106-2 | | CS-106-2 | HHSVMCB2 | 26 | 311200 P005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 1A M . 1 | | HL5.S - | | H107 | TS2CC-28 | 71 | 107-1 | | | HHSVMCB2 | 26 | 311200 P005 | 112 | 3H 3H 3H |
| 039 | HIFI LOA 1A M . 1RTN | | HL5.S - | | H107 | TS2CC-28 | 71 | 107-1 | | | HHSVMCB2 | 26 | 311200 P005 | 121 | 3H 3H 3H |
| NC | HIFI LOA 1A M . SHD71 | | HL5.S - | | H107 | TS2CC-28 | 71 | 107-1 | | CS-107-1 | HHSVMCB2 | 26 | 311200 P005 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 1A M . 2 | | HL5.S - | | H107 | TS2CC-28 | 72 | 107-2 | | | HHSVMCB2 | 26 | 311200 P005 | 113 | 3H 3H 3H |
| 025 | HIFI LOA 1A M . 2RTN | | HL5.S - | | H107 | TS2CC-28 | 72 | 107-2 | | | HHSVMCB2 | 26 | 311200 P005 | 102 | 3H 3H 3H |
| NC | HIFI LOA 1A M . SHD72 | | HL5.S - | | H107 | TS2CC-28 | 72 | 107-2 | | CS-107-2 | HHSVMCB2 | 26 | 311200 P005 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 365 (of 474)

Connector: 112100 P007
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-06

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 16 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;010 ;011 ;013 ;014 ;015 ;023 ;026 ;027 ;029 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 366 (of 474)

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Pin Allocation List

(Harness)

Connector: 112100 P008
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-06

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 2A D . S31 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHSVMCB2 | 26 | 311200 P005 | 064 | 3H 3H 3H |
| 001 | HIFI LOA 2A D . S32 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHSVMCB2 | 26 | 311200 P005 | 087 | 3H 3H 3H |
| 001 | HIFI LOA 2A D . S33 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHSVMCB2 | 26 | 311200 P005 | 088 | 3H 3H 3H |
| 016 | HIFI LOA 2A D . R31 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHSVMCB2 | 26 | 311200 P005 | 075 | 3H 3H 3H |
| 016 | HIFI LOA 2A D . R32 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHSVMCB2 | 26 | 311200 P005 | 076 | 3H 3H 3H |
| 016 | HIFI LOA 2A D . R33 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | | | HHSVMCB2 | 26 | 311200 P005 | 099 | 3H 3H 3H |
| NC | HIFI LOA 2A D . SHD91 | | HLD.S - | | H201 | TS6CC-22 | 91 | 201-1 | CS-201-1 | | HHSVMCB2 | 26 | 311200 P005 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 031 | HIFI LOA 2A D . S41 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHSVMCB2 | 26 | 311200 P005 | 031 | 3H 3H 3H |
| 031 | HIFI LOA 2A D . S42 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHSVMCB2 | 26 | 311200 P005 | 053 | 3H 3H 3H |
| 031 | HIFI LOA 2A D . S43 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHSVMCB2 | 26 | 311200 P005 | 054 | 3H 3H 3H |
| 017 | HIFI LOA 2A D . R41 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHSVMCB2 | 26 | 311200 P005 | 042 | 3H 3H 3H |
| 017 | HIFI LOA 2A D . R42 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHSVMCB2 | 26 | 311200 P005 | 043 | 3H 3H 3H |
| 017 | HIFI LOA 2A D . R43 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | | | HHSVMCB2 | 26 | 311200 P005 | 065 | 3H 3H 3H |
| NC | HIFI LOA 2A D . SHD92 | | HLD.S - | | H201 | TS6CC-22 | 92 | 201-2 | CS-201-2 | | HHSVMCB2 | 26 | 311200 P005 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 2A G . 1 | | HLG.S - | | H202 | TS2CC-28 | 81 | 202-1 | | | HHSVMCB2 | 26 | 311200 P005 | 063 | 3H 3H 3H |
| 020 | HIFI LOA 2A G . 1RTN | | HLG.S - | | H202 | TS2CC-28 | 81 | 202-1 | | | HHSVMCB2 | 26 | 311200 P005 | 062 | 3H 3H 3H |
| NC | HIFI LOA 2A G . SHD81 | | HLG.S - | | H202 | TS2CC-28 | 81 | 202-1 | CS-202-1 | | HHSVMCB2 | 26 | 311200 P005 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 005 | HIFI LOA 2A G . 2 | | HLG.S - | | H202 | TS2CC-28 | 82 | 202-2 | | | HHSVMCB2 | 26 | 311200 P005 | 051 | 3H 3H 3H |
| 021 | HIFI LOA 2A G . 2RTN | | HLG.S - | | H202 | TS2CC-28 | 82 | 202-2 | | | HHSVMCB2 | 26 | 311200 P005 | 052 | 3H 3H 3H |
| NC | HIFI LOA 2A G . SHD82 | | HLG.S - | | H202 | TS2CC-28 | 82 | 202-2 | CS-202-2 | | HHSVMCB2 | 26 | 311200 P005 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 2A . D1S | | HLX.S - | | H203 | TS2CC-28 | 35 | 203-1 | | | HHSVMCB2 | 26 | 311200 P005 | 037 | 3H 3H 3H |
| 018 | HIFI LOA 2A . D1SRT | | HLX.S - | | H203 | TS2CC-28 | 35 | 203-1 | | | HHSVMCB2 | 26 | 311200 P005 | 049 | 3H 3H 3H |
| NC | HIFI LOA 2A . SHD35 | | HLX.S - | | H203 | TS2CC-28 | 35 | 203-1 | CS-203-1 | | HHSVMCB2 | 26 | 311200 P005 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 003 | HIFI LOA 2A . D2S | | HLX.S - | | H203 | TS2CC-28 | 36 | 203-2 | | | HHSVMCB2 | 26 | 311200 P005 | 038 | 3H 3H 3H |
| 019 | HIFI LOA 2A . D2SRT | | HLX.S - | | H203 | TS2CC-28 | 36 | 203-2 | | | HHSVMCB2 | 26 | 311200 P005 | 026 | 3H 3H 3H |
| NC | HIFI LOA 2A . SHD36 | | HLX.S - | | H203 | TS2CC-28 | 36 | 203-2 | CS-203-2 | | HHSVMCB2 | 26 | 311200 P005 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 032 | HIFI LOA 2A . G1S | | HLX.S - | | H203 | TS2CC-28 | 37 | 203-3 | | | HHSVMCB2 | 26 | 311200 P005 | 016 | 3H 3H 3H |
| 018 | HIFI LOA 2A . G1SRT | | HLX.S - | | H203 | TS2CC-28 | 37 | 203-3 | | | HHSVMCB2 | 26 | 311200 P005 | 027 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 112100 P008
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-06

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 2A . SHD37 | | HLX.S - | | H203 | TS2CC-28 | 37 | 230-3 | | CS-203-3 | HHSVMCB2 | 26 | 311200 P005 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 2A . G2S | | HLX.S - | | H203 | TS2CC-28 | 38 | 203-4 | | | HHSVMCB2 | 26 | 311200 P005 | 015 | 3H 3H 3H |
| 019 | HIFI LOA 2A . G2SRT | | HLX.S - | | H203 | TS2CC-28 | 38 | 203-4 | | | HHSVMCB2 | 26 | 311200 P005 | 008 | 3H 3H 3H |
| NC | HIFI LOA 2A . SHD38 | | HLX.S - | | H203 | TS2CC-28 | 38 | 203-4 | | CS-203-2 | HHSVMCB2 | 26 | 311200 P005 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 2A T . VP | | HLT.S - | | H204 | TS2CC-28 | 46 | 204-1 | | | HHSVMCB2 | 26 | 311200 P005 | 009 | 3H 3H 3H |
| 022 | HIFI LOA 2A T . VN | | HLT.S - | | H204 | TS2CC-28 | 46 | 204-1 | | | HHSVMCB2 | 26 | 311200 P005 | 017 | 3H 3H 3H |
| NC | HIFI LOA 2A T . SHD46 | | HLT.S - | | H204 | TS2CC-28 | 46 | 204-1 | | CS-204-1 | HHSVMCB2 | 26 | 311200 P005 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 2A T . IP | | HLT.S - | | H204 | TS2CC-28 | 47 | 204-2 | | | HHSVMCB2 | 26 | 311200 P005 | 001 | 3H 3H 3H |
| 007 | HIFI LOA 2A T . IN | | HLT.S - | | H204 | TS2CC-28 | 47 | 204-2 | | | HHSVMCB2 | 26 | 311200 P005 | 002 | 3H 3H 3H |
| NC | HIFI LOA 2A T . SHD47 | | HLT.S - | | H204 | TS2CC-28 | 47 | 204-2 | | CS-204-2 | HHSVMCB2 | 26 | 311200 P005 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 2A P . L | | HLP.S - | | H205 | TS2CC-28 | 50 | | | | HHSVMCB2 | 26 | 311200 P005 | 029 | 3H 3H 3H |
| 024 | HIFI LOA 2A P . LRTN | | HLP.S - | | H205 | TS2CC-28 | 50 | | | | HHSVMCB2 | 26 | 311200 P005 | 030 | 3H 3H 3H |
| NC | HIFI LOA 2A P . SHD50 | | HLP.S - | | H205 | TS2CC-28 | 50 | | | CS-H205 | HHSVMCB2 | 26 | 311200 P005 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 2A MS . 1 | | HL2.S - | | H206 | TS2CC-28 | 61 | 206-1 | | | HHSVMCB2 | 26 | 311200 P005 | 058 | 3H 3H 3H |
| 028 | HIFI LOA 2A MS . 1RTN | | HL2.S - | | H206 | TS2CC-28 | 61 | 206-1 | | | HHSVMCB2 | 26 | 311200 P005 | 057 | 3H 3H 3H |
| NC | HIFI LOA 2A MS . SHD61 | | HL2.S - | | H206 | TS2CC-28 | 61 | 206-1 | | CS-206-1 | HHSVMCB2 | 26 | 311200 P005 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 2A MS . 2 | | HL2.S - | | H206 | TS2CC-28 | 62 | 206-2 | | | HHSVMCB2 | 26 | 311200 P005 | 046 | 3H 3H 3H |
| 043 | HIFI LOA 2A MS . 2RTN | | HL2.S - | | H206 | TS2CC-28 | 62 | 206-2 | | | HHSVMCB2 | 26 | 311200 P005 | 047 | 3H 3H 3H |
| NC | HIFI LOA 2A MS . SHD62 | | HL2.S - | | H206 | TS2CC-28 | 62 | 206-2 | | CS-206-2 | HHSVMCB2 | 26 | 311200 P005 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 013 | HIFI LOA 2A MS . 3 | | HL2.S - | | H206 | TS2CC-28 | 63 | 206-3 | | | HHSVMCB2 | 26 | 311200 P005 | 034 | 3H 3H 3H |
| 029 | HIFI LOA 2A MS . 3RTN | | HL2.S - | | H206 | TS2CC-28 | 63 | 206-3 | | | HHSVMCB2 | 26 | 311200 P005 | 035 | 3H 3H 3H |
| NC | HIFI LOA 2A MS . SHD63 | | HL2.S - | | H206 | TS2CC-28 | 63 | 206-3 | | CS-206-3 | HHSVMCB2 | 26 | 311200 P005 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 2A M . 1 | | HL6.S - | | H207 | TS2CC-28 | 75 | 207-1 | | | HHSVMCB2 | 26 | 311200 P005 | 032 | 3H 3H 3H |
| 039 | HIFI LOA 2A M . 1RTN | | HL6.S - | | H207 | TS2CC-28 | 75 | 207-1 | | | HHSVMCB2 | 26 | 311200 P005 | 033 | 3H 3H 3H |
| NC | HIFI LOA 2A M . SHD75 | | HL6.S - | | H207 | TS2CC-28 | 75 | 207-1 | | CS-207-1 | HHSVMCB2 | 26 | 311200 P005 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 369 (of 474)

Connector: 112100 P008
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-06

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 009 | HIFI LOA 2A M . 2 | | HL6.S - | | H207 | TS2CC-28 | 76 | 207-2 | | | HHSVMCB2 | 26 | 311200 P005 | 023 | 3H 3H 3H |
| 025 | HIFI LOA 2A M . 2RTN | | HL6.S - | | H207 | TS2CC-28 | 76 | 207-2 | | | HHSVMCB2 | 26 | 311200 P005 | 022 | 3H 3H 3H |
| NC | HIFI LOA 2A M . SHD76 | | HL6.S - | | H207 | TS2CC-28 | 76 | 207-2 | CS-207-2 | | HHSVMCB2 | 26 | 311200 P005 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 2A M . 3 | | HL6.S - | | H207 | TS2CC-28 | 77 | 207-3 | | | HHSVMCB2 | 26 | 311200 P005 | 014 | 3H 3H 3H |
| 026 | HIFI LOA 2A M . 3RTN | | HL6.S - | | H207 | TS2CC-28 | 77 | 207-3 | | | HHSVMCB2 | 26 | 311200 P005 | 007 | 3H 3H 3H |
| NC | HIFI LOA 2A M . SHD77 | | HL6.S - | | H207 | TS2CC-28 | 77 | 207-3 | CS-207-3 | | HHSVMCB2 | 26 | 311200 P005 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 370 (of 474)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 311200 P007
Item: HHSVMCB2
Function / Bundle: HIFI SVM SIH-XH-07
Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 3A D . S11 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHLCU | 16 | 112100 P009 | 001 | 3H 3H 3H | |
| 100 | HIFI LOA 3A D . R11 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHLCU | 16 | 112100 P009 | 016 | 3H 3H 3H | |
| 089 | HIFI LOA 3A D . S12 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHLCU | 16 | 112100 P009 | 001 | 3H 3H 3H | |
| 101 | HIFI LOA 3A D . R12 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHLCU | 16 | 112100 P009 | 016 | 3H 3H 3H | |
| 090 | HIFI LOA 3A D . S13 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHLCU | 16 | 112100 P009 | 001 | 3H 3H 3H | |
| 079 | HIFI LOA 3A D . R13 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHLCU | 16 | 112100 P009 | 016 | 3H 3H 3H | |
| 068 | HIFI LOA 3A D . SHD11 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | CS-301-1 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 055 | HIFI LOA 3A D . S21 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHLCU | 16 | 112100 P009 | 031 | 3H 3H 3H | |
| 044 | HIFI LOA 3A D . R21 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHLCU | 16 | 112100 P009 | 017 | 3H 3H 3H | |
| 056 | HIFI LOA 3A D . S22 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHLCU | 16 | 112100 P009 | 031 | 3H 3H 3H | |
| 045 | HIFI LOA 3A D . R22 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHLCU | 16 | 112100 P009 | 017 | 3H 3H 3H | |
| 067 | HIFI LOA 3A D . S23 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHLCU | 16 | 112100 P009 | 031 | 3H 3H 3H | |
| 066 | HIFI LOA 3A D . R23 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHLCU | 16 | 112100 P009 | 017 | 3H 3H 3H | |
| 068 | HIFI LOA 3A D . SHD12 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | CS-301-2 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 097 | HIFI LOA 3A G . 1 | | HL.G.S - | | H302 | TS2CC-28 | 21 | 302-1 | | HHLCU | 16 | 112100 P009 | 004 | 3H 3H 3H | |
| 098 | HIFI LOA 3A G . 1RTN | | HL.G.S - | | H302 | TS2CC-28 | 21 | 302-1 | | HHLCU | 16 | 112100 P009 | 020 | 3H 3H 3H | |
| 074 | HIFI LOA 3A G . SHD21 | | HL.G.S - | | H302 | TS2CC-28 | 21 | 302-1 | CS-302-1 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 086 | HIFI LOA 3A G . 2 | | HL.G.S - | | H302 | TS2CC-28 | 22 | 302-2 | | HHLCU | 16 | 112100 P009 | 005 | 3H 3H 3H | |
| 085 | HIFI LOA 3A G . 2RTN | | HL.G.S - | | H302 | TS2CC-28 | 22 | 302-2 | | HHLCU | 16 | 112100 P009 | 021 | 3H 3H 3H | |
| 074 | HIFI LOA 3A G . SHD22 | | HL.G.S - | | H302 | TS2CC-28 | 22 | 302-2 | CS-302-2 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 118 | HIFI LOA 3A . D1S | | HLX.S - | | H303 | TS2CC-28 | 31 | 303-1 | | HHLCU | 16 | 112100 P009 | 002 | 3H 3H 3H | |
| 126 | HIFI LOA 3A . D1SRT | | HLX.S - | | H303 | TS2CC-28 | 31 | 303-1 | | HHLCU | 16 | 112100 P009 | 018 | 3H 3H 3H | |
| 109 | HIFI LOA 3A . SHD31 | | HLX.S - | | H303 | TS2CC-28 | 31 | 303-1 | CS-303-1 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 119 | HIFI LOA 3A . D2S | | HLX.S - | | H303 | TS2CC-28 | 32 | 303-2 | | HHLCU | 16 | 112100 P009 | 003 | 3H 3H 3H | |
| 110 | HIFI LOA 3A . D2SRT | | HLX.S - | | H303 | TS2CC-28 | 32 | 303-2 | | HHLCU | 16 | 112100 P009 | 019 | 3H 3H 3H | |
| 109 | HIFI LOA 3A . SHD32 | | HLX.S - | | H303 | TS2CC-28 | 32 | 303-2 | CS-303-2 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 127 | HIFI LOA 3A . G1S | | HLX.S - | | H303 | TS2CC-28 | 33 | 303-3 | | HHLCU | 16 | 112100 P009 | 032 | 3H 3H 3H | |
| 128 | HIFI LOA 3A . G1SRT | | HLX.S - | | H303 | TS2CC-28 | 33 | 303-3 | | HHLCU | 16 | 112100 P009 | 018 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 311200 P007

Function / Bundle: HIFI SVM SIH-XH-07

Conn.-Type: SCC340104401B06G2435SN

Item: HHSVMCB2

Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|------------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 109 | HIFI LOA 3A . SHD33 | | HLX.S - | | H303 | TS2CC-28 | 33 | 303-3 | CS-303-3 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 111 | HIFI LOA 3A . G2S | | HLX.S - | | H303 | TS2CC-28 | 34 | 303-4 | | HHLCU | 16 | 112100 P009 | 033 | 3H 3H 3H | |
| 120 | HIFI LOA 3A . G2SRT | | HLX.S - | | H303 | TS2CC-28 | 34 | 303-4 | | HHLCU | 16 | 112100 P009 | 019 | 3H 3H 3H | |
| 109 | HIFI LOA 3A . SHD34 | | HLX.S - | | H303 | TS2CC-28 | 34 | 303-4 | CS-303-4 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 092 | HIFI LOA 3A T . VP | | HLT.S - | | H304 | TS2CC-28 | 41 | 304-1 | | HHLCU | 16 | 112100 P009 | 036 | 3H 3H 3H | |
| 104 | HIFI LOA 3A T . VN | | HLT.S - | | H304 | TS2CC-28 | 41 | 304-1 | | HHLCU | 16 | 112100 P009 | 022 | 3H 3H 3H | |
| 070 | HIFI LOA 3A T . SHD41 | | HLT.S - | | H304 | TS2CC-28 | 41 | 304-1 | CS-304-1 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 093 | HIFI LOA 3A T . IP | | HLT.S - | | H304 | TS2CC-28 | 42 | 304-2 | | HHLCU | 16 | 112100 P009 | 006 | 3H 3H 3H | |
| 081 | HIFI LOA 3A T . IN | | HLT.S - | | H304 | TS2CC-28 | 42 | 304-2 | | HHLCU | 16 | 112100 P009 | 007 | 3H 3H 3H | |
| 070 | HIFI LOA 3A T . SHD42 | | HLT.S - | | H304 | TS2CC-28 | 42 | 304-2 | CS-304-2 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 039 | HIFI LOA 3A P . L | | HLP.S - | | H305 | TS2CC-28 | 50 | | | HHLCU | 16 | 112100 P009 | 008 | 3H 3H 3H | |
| 040 | HIFI LOA 3A P . LRTN | | HLP.S - | | H305 | TS2CC-28 | 50 | | | HHLCU | 16 | 112100 P009 | 024 | 3H 3H 3H | |
| 028 | HIFI LOA 3A P . SHD50 | | HLP.S - | | H305 | TS2CC-28 | 50 | | CS-H305 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 117 | HIFI LOA 3A MS . 1 | | HL2.S - | | H306 | TS2CC-28 | 61 | 306-1 | | HHLCU | 16 | 112100 P009 | 012 | 3H 3H 3H | |
| 124 | HIFI LOA 3A MS . 1RTN | | HL2.S - | | H306 | TS2CC-28 | 61 | 306-1 | | HHLCU | 16 | 112100 P009 | 028 | 3H 3H 3H | |
| 125 | HIFI LOA 3A MS . SHD61 | | HL2.S - | | H306 | TS2CC-28 | 61 | 306-1 | CSS-H306-1 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 123 | HIFI LOA 3A MS . 2 | | HL2.S - | | H306 | TS2CC-28 | 62 | 306-2 | | HHLCU | 16 | 112100 P009 | 042 | 3H 3H 3H | |
| 116 | HIFI LOA 3A MS . 2RTN | | HL2.S - | | H306 | TS2CC-28 | 62 | 306-2 | | HHLCU | 16 | 112100 P009 | 043 | 3H 3H 3H | |
| 125 | HIFI LOA 3A MS . SHD62 | | HL2.S - | | H306 | TS2CC-28 | 62 | 306-2 | CSS-H306-2 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 107 | HIFI LOA 3A MS . 3 | | HL2.S - | | H306 | TS2CC-28 | 63 | 306-3 | | HHLCU | 16 | 112100 P009 | 013 | 3H 3H 3H | |
| 122 | HIFI LOA 3A MS . 3RTN | | HL2.S - | | H306 | TS2CC-28 | 63 | 306-3 | | HHLCU | 16 | 112100 P009 | 029 | 3H 3H 3H | |
| 125 | HIFI LOA 3A MS . SHD63 | | HL2.S - | | H306 | TS2CC-28 | 63 | 306-3 | CSS-H306-3 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 112 | HIFI LOA 3A M . 1 | | HL6.S - | | H307 | TS2CC-28 | 71 | 307-1 | | HHLCU | 16 | 112100 P009 | 038 | 3H 3H 3H | |
| 121 | HIFI LOA 3A M . 1RTN | | HL6.S - | | H307 | TS2CC-28 | 71 | 307-1 | | HHLCU | 16 | 112100 P009 | 039 | 3H 3H 3H | |
| 091 | HIFI LOA 3A M . SHD71 | | HL6.S - | | H307 | TS2CC-28 | 71 | 307-1 | CS-307-1 | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Pin Allocation List

(Harness)

Connector: 311200 P007
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-07

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 113 | HIFI LOA 3A M . 2 | | HL6.S - | | H307 | TS2CC-28 | 72 | 307-2 | | | HHLCU | 16 | 112100 P009 | 009 | 3H 3H 3H |
| 102 | HIFI LOA 3A M . 2RTN | | HL6.S - | | H307 | TS2CC-28 | 72 | 307-2 | | | HHLCU | 16 | 112100 P009 | 025 | 3H 3H 3H |
| 091 | HIFI LOA 3A M . SHD72 | | HL6.S - | | H307 | TS2CC-28 | 72 | 307-2 | CS-307-2 | | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 103 | HIFI LOA 3A M . 3 | | HL6.S - | | H307 | TS2CC-28 | 73 | 307-3 | | | HHLCU | 16 | 112100 P009 | 010 | 3H 3H 3H |
| 114 | HIFI LOA 3A M . 3RTN | | HL6.S - | | H307 | TS2CC-28 | 73 | 307-3 | | | HHLCU | 16 | 112100 P009 | 026 | 3H 3H 3H |
| 091 | HIFI LOA 3A M . SHD73 | | HL6.S - | | H307 | TS2CC-28 | 73 | 307-3 | CS-307-3 | | HHLCU | 16 | 112100 P009 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 4A D . S31 | | HLD.S - | | H401 | TS6CC-22 | 15 | 401-1 | | | HHLCU | 16 | 112100 P010 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 4A D . R31 | | HLD.S - | | H401 | TS6CC-22 | 15 | 401-1 | | | HHLCU | 16 | 112100 P010 | 016 | 3H 3H 3H |
| 087 | HIFI LOA 4A D . S32 | | HLD.S - | | H401 | TS6CC-22 | 15 | 401-1 | | | HHLCU | 16 | 112100 P010 | 001 | 3H 3H 3H |
| 076 | HIFI LOA 4A D . R32 | | HLD.S - | | H401 | TS6CC-22 | 15 | 401-1 | | | HHLCU | 16 | 112100 P010 | 016 | 3H 3H 3H |
| 088 | HIFI LOA 4A D . S33 | | HLD.S - | | H401 | TS6CC-22 | 15 | 401-1 | | | HHLCU | 16 | 112100 P010 | 001 | 3H 3H 3H |
| 059 | HIFI LOA 4A D . R33 | | HLD.S - | | H401 | TS6CC-22 | 15 | 401-1 | | | HHLCU | 16 | 112100 P010 | 016 | 3H 3H 3H |
| 077 | HIFI LOA 4A D . SHD15 | | HLD.S - | | H401 | TS6CC-22 | 15 | 401-1 | CS-401-1 | | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 031 | HIFI LOA 4A D . S41 | | HLD.S - | | H401 | TS6CC-22 | 16 | 401-2 | | | HHLCU | 16 | 112100 P010 | 031 | 3H 3H 3H |
| 042 | HIFI LOA 4A D . R41 | | HLD.S - | | H401 | TS6CC-22 | 16 | 401-2 | | | HHLCU | 16 | 112100 P010 | 017 | 3H 3H 3H |
| 053 | HIFI LOA 4A D . S42 | | HLD.S - | | H401 | TS6CC-22 | 16 | 401-2 | | | HHLCU | 16 | 112100 P010 | 031 | 3H 3H 3H |
| 043 | HIFI LOA 4A D . R42 | | HLD.S - | | H401 | TS6CC-22 | 16 | 401-2 | | | HHLCU | 16 | 112100 P010 | 017 | 3H 3H 3H |
| 054 | HIFI LOA 4A D . S43 | | HLD.S - | | H401 | TS6CC-22 | 16 | 401-2 | | | HHLCU | 16 | 112100 P010 | 031 | 3H 3H 3H |
| 065 | HIFI LOA 4A D . R43 | | HLD.S - | | H401 | TS6CC-22 | 16 | 401-2 | | | HHLCU | 16 | 112100 P010 | 017 | 3H 3H 3H |
| 077 | HIFI LOA 4A D . SHD16 | | HLD.S - | | H401 | TS6CC-22 | 16 | | CS-401-2 | | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 063 | HIFI LOA 4A G . 1 | | HLG.S - | | H402 | TS2CC-28 | 25 | 402-1 | | | HHLCU | 16 | 112100 P010 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 4A G . 1RTN | | HLG.S - | | H402 | TS2CC-28 | 25 | 402-1 | | | HHLCU | 16 | 112100 P010 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 4A G . SHD25 | | HLG.S - | | H402 | TS2CC-28 | 25 | 401-1 | CS-402-1 | | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 4A G . 2 | | HLG.S - | | H402 | TS2CC-28 | 26 | 402-2 | | | HHLCU | 16 | 112100 P010 | 005 | 3H 3H 3H |
| 052 | HIFI LOA 4A G . 2RTN | | HLG.S - | | H402 | TS2CC-28 | 26 | 402-2 | | | HHLCU | 16 | 112100 P010 | 021 | 3H 3H 3H |
| 073 | HIFI LOA 4A G . SHD26 | | HLG.S - | | H402 | TS2CC-28 | 26 | 402-2 | CS-402-2 | | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 037 | HIFI LOA 4A . D1S | | HLX.S - | | H403 | TS2CC-28 | 36 | 403-1 | | | HHLCU | 16 | 112100 P010 | 002 | 3H 3H 3H |
| 049 | HIFI LOA 4A . D1SRT | | HLX.S - | | H403 | TS2CC-28 | 36 | 403-1 | | | HHLCU | 16 | 112100 P010 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 P007
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-07

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 025 | HIFI LOA 4A . SHD36 | | HLX.S - | | H403 | TS2CC-28 | 36 | 403-1 | CS-403-1 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 038 | HIFI LOA 4A . D2S | | HLX.S - | | H403 | TS2CC-28 | 37 | 403-2 | | HHLCU | 16 | 112100 P010 | 003 | 3H 3H 3H | |
| 026 | HIFI LOA 4A . D2SRT | | HLX.S - | | H403 | TS2CC-28 | 37 | 403-2 | | HHLCU | 16 | 112100 P010 | 019 | 3H 3H 3H | |
| 025 | HIFI LOA 4A . SHD37 | | HLX.S - | | H403 | TS2CC-28 | 37 | 403-2 | CS-403-2 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 016 | HIFI LOA 4A . G1S | | HLX.S - | | H403 | TS2CC-28 | 38 | 403-3 | | HHLCU | 16 | 112100 P010 | 032 | 3H 3H 3H | |
| 027 | HIFI LOA 4A . G1SRT | | HLX.S - | | H403 | TS2CC-28 | 38 | 403-3 | | HHLCU | 16 | 112100 P010 | 018 | 3H 3H 3H | |
| 025 | HIFI LOA 4A . SHD38 | | HLX.S - | | H403 | TS2CC-28 | 38 | 403-3 | CS-403-3 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 015 | HIFI LOA 4A . G2S | | HLX.S - | | H403 | TS2CC-28 | 39 | 403-4 | | HHLCU | 16 | 112100 P010 | 033 | 3H 3H 3H | |
| 008 | HIFI LOA 4A . G2SRT | | HLX.S - | | H403 | TS2CC-28 | 39 | 403-4 | | HHLCU | 16 | 112100 P010 | 019 | 3H 3H 3H | |
| 025 | HIFI LOA 4A . SHD39 | | HLX.S - | | H403 | TS2CC-28 | 39 | 403-4 | CS-403-4 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 009 | HIFI LOA 4A T . VN | | HLT.S - | | H404 | TS2CC-28 | 45 | 404-1 | | HHLCU | 16 | 112100 P010 | 022 | 3H 3H 3H | |
| 017 | HIFI LOA 4A T . VP | | HLT.S - | | H404 | TS2CC-28 | 45 | 404-1 | | HHLCU | 16 | 112100 P010 | 036 | 3H 3H 3H | |
| 003 | HIFI LOA 4A T . SHD45 | | HLT.S - | | H404 | TS2CC-28 | 45 | 404-1 | CS-404-1 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 001 | HIFI LOA 4A T . IP | | HLT.S - | | H404 | TS2CC-28 | 46 | 404-2 | | HHLCU | 16 | 112100 P010 | 006 | 3H 3H 3H | |
| 002 | HIFI LOA 4A T . IN | | HLT.S - | | H404 | TS2CC-28 | 46 | 404-2 | | HHLCU | 16 | 112100 P010 | 007 | 3H 3H 3H | |
| 003 | HIFI LOA 4A T . SHD46 | | HLT.S - | | H404 | TS2CC-28 | 46 | 404-2 | CS-404-2 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 029 | HIFI LOA 4A P . L | | HLP.S - | | H405 | TS2CC-28 | 55 | | | HHLCU | 16 | 112100 P010 | 008 | 3H 3H 3H | |
| 030 | HIFI LOA 4A P . LRTN | | HLP.S - | | H405 | TS2CC-28 | 55 | | | HHLCU | 16 | 112100 P010 | 024 | 3H 3H 3H | |
| 041 | HIFI LOA 4A P . SHD55 | | HLP.S - | | H405 | TS2CC-28 | 55 | | CS-H405 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 058 | HIFI LOA 4A MS . 1 | | HL2.S - | | H406 | TS2CC-28 | 66 | 406-1 | | HHLCU | 16 | 112100 P010 | 012 | 3H 3H 3H | |
| 057 | HIFI LOA 4A MS . 1RTN | | HL2.S - | | H406 | TS2CC-28 | 66 | 406-1 | | HHLCU | 16 | 112100 P010 | 028 | 3H 3H 3H | |
| 069 | HIFI LOA 4A MS . SHD66 | | HL2.S - | | H406 | TS2CC-28 | 66 | 406-1 | CS-406-1 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 046 | HIFI LOA 4A MS . 2 | | HL2.S - | | H406 | TS2CC-28 | 67 | 406-2 | | HHLCU | 16 | 112100 P010 | 042 | 3H 3H 3H | |
| 047 | HIFI LOA 4A MS . 2RTN | | HL2.S - | | H406 | TS2CC-28 | 67 | 406-2 | | HHLCU | 16 | 112100 P010 | 043 | 3H 3H 3H | |
| 069 | HIFI LOA 4A MS . SHD67 | | HL2.S - | | H406 | TS2CC-28 | 67 | 406-2 | CS-406-2 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Connector: 311200 P007
Item: HHSVMCB2
Function / Bundle: HIFI SVM SIH-XH-07
Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|--------------------------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 034 | HIFI LOA 4A MS . 3 | | HL2.S - | | H406 | TS2CC-28 | 68 | 406-3 | | HHLCU | 16 | 112100 P010 | 013 | 3H 3H 3H | |
| 035 | HIFI LOA 4A MS . 3RTN | | HL2.S - | | H406 | TS2CC-28 | 68 | 406-3 | | HHLCU | 16 | 112100 P010 | 029 | 3H 3H 3H | |
| 069 | HIFI LOA 4A MS . SHD68 | | HL2.S - | | H406 | TS2CC-28 | 68 | 406-3 | CS-406-3 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 032 | HIFI LOA 4A M . 1 | | HL6.S - | | H407 | TS2CC-28 | 75 | 407-1 | | HHLCU | 16 | 112100 P010 | 038 | 3H 3H 3H | |
| 033 | HIFI LOA 4A M . 1RTN | | HL6.S - | | H407 | TS2CC-28 | 75 | 407-1 | | HHLCU | 16 | 112100 P010 | 039 | 3H 3H 3H | |
| 006 | HIFI LOA 4A M . SHD75 | | HL6.S - | | H407 | TS2CC-28 | 75 | 407-1 | CS-407-1 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 023 | HIFI LOA 4A M . 2 | | HL6.S - | | H407 | TS2CC-28 | 76 | 407-2 | | HHLCU | 16 | 112100 P010 | 009 | 3H 3H 3H | |
| 022 | HIFI LOA 4A M . 2RTN | | HL6.S - | | H407 | TS2CC-28 | 76 | 407-2 | | HHLCU | 16 | 112100 P010 | 025 | 3H 3H 3H | |
| 006 | HIFI LOA 4A M . SHD76 | | HL6.S - | | H407 | TS2CC-28 | 76 | 407-2 | CS-407-2 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 014 | HIFI LOA 4A M . 3 | | HL6.S - | | H407 | TS2CC-28 | 77 | 407-3 | | HHLCU | 16 | 112100 P010 | 010 | 3H 3H 3H | |
| 007 | HIFI LOA 4A M . 3RTN | | HL6.S - | | H407 | TS2CC-28 | 77 | 407-3 | | HHLCU | 16 | 112100 P010 | 026 | 3H 3H 3H | |
| 006 | HIFI LOA 4A M . SHD77 | | HL6.S - | | H407 | TS2CC-28 | 77 | 407-3 | CS-407-3 | HHLCU | 16 | 112100 P010 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | R | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P009
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-07
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 3A D . S11 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 P007 | 078 | 3H 3H 3H | |
| 016 | HIFI LOA 3A D . R11 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 P007 | 100 | 3H 3H 3H | |
| 001 | HIFI LOA 3A D . S12 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 P007 | 089 | 3H 3H 3H | |
| 016 | HIFI LOA 3A D . R12 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 P007 | 101 | 3H 3H 3H | |
| 001 | HIFI LOA 3A D . S13 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 P007 | 090 | 3H 3H 3H | |
| 016 | HIFI LOA 3A D . R13 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | | HHSVMCB2 | 26 | 311200 P007 | 079 | 3H 3H 3H | |
| NC | HIFI LOA 3A D . SHD11 | | HL.D.S - | | H301 | TS6CC-22 | 11 | 301-1 | CS-301-1 | HHSVMCB2 | 26 | 311200 P007 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 031 | HIFI LOA 3A D . S21 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 P007 | 055 | 3H 3H 3H | |
| 017 | HIFI LOA 3A D . R21 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 P007 | 044 | 3H 3H 3H | |
| 031 | HIFI LOA 3A D . S22 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 P007 | 056 | 3H 3H 3H | |
| 017 | HIFI LOA 3A D . R22 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 P007 | 045 | 3H 3H 3H | |
| 031 | HIFI LOA 3A D . S23 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 P007 | 067 | 3H 3H 3H | |
| 017 | HIFI LOA 3A D . R23 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | | HHSVMCB2 | 26 | 311200 P007 | 066 | 3H 3H 3H | |
| NC | HIFI LOA 3A D . SHD12 | | HL.D.S - | | H301 | TS6CC-22 | 12 | 301-2 | CS-301-2 | HHSVMCB2 | 26 | 311200 P007 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 3A G . 1 | | HL.G.S - | | H302 | TS2CC-28 | 21 | 302-1 | | HHSVMCB2 | 26 | 311200 P007 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 3A G . 1RTN | | HL.G.S - | | H302 | TS2CC-28 | 21 | 302-1 | | HHSVMCB2 | 26 | 311200 P007 | 098 | 3H 3H 3H | |
| NC | HIFI LOA 3A G . SHD21 | | HL.G.S - | | H302 | TS2CC-28 | 21 | 302-1 | CS-302-1 | HHSVMCB2 | 26 | 311200 P007 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 005 | HIFI LOA 3A G . 2 | | HL.G.S - | | H302 | TS2CC-28 | 22 | 302-2 | | HHSVMCB2 | 26 | 311200 P007 | 086 | 3H 3H 3H | |
| 021 | HIFI LOA 3A G . 2RTN | | HL.G.S - | | H302 | TS2CC-28 | 22 | 302-2 | | HHSVMCB2 | 26 | 311200 P007 | 085 | 3H 3H 3H | |
| NC | HIFI LOA 3A G . SHD22 | | HL.G.S - | | H302 | TS2CC-28 | 22 | 302-2 | CS-302-2 | HHSVMCB2 | 26 | 311200 P007 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 3A . D1S | | HLX.S - | | H303 | TS2CC-28 | 31 | 303-1 | | HHSVMCB2 | 26 | 311200 P007 | 118 | 3H 3H 3H | |
| 018 | HIFI LOA 3A . D1SRT | | HLX.S - | | H303 | TS2CC-28 | 31 | 303-1 | | HHSVMCB2 | 26 | 311200 P007 | 126 | 3H 3H 3H | |
| NC | HIFI LOA 3A . SHD31 | | HLX.S - | | H303 | TS2CC-28 | 31 | 303-1 | CS-303-1 | HHSVMCB2 | 26 | 311200 P007 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 003 | HIFI LOA 3A . D2S | | HLX.S - | | H303 | TS2CC-28 | 32 | 303-2 | | HHSVMCB2 | 26 | 311200 P007 | 119 | 3H 3H 3H | |
| 019 | HIFI LOA 3A . D2SRT | | HLX.S - | | H303 | TS2CC-28 | 32 | 303-2 | | HHSVMCB2 | 26 | 311200 P007 | 110 | 3H 3H 3H | |
| NC | HIFI LOA 3A . SHD32 | | HLX.S - | | H303 | TS2CC-28 | 32 | 303-2 | CS-303-2 | HHSVMCB2 | 26 | 311200 P007 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 032 | HIFI LOA 3A . G1S | | HLX.S - | | H303 | TS2CC-28 | 33 | 303-3 | | HHSVMCB2 | 26 | 311200 P007 | 127 | 3H 3H 3H | |
| 018 | HIFI LOA 3A . G1SRT | | HLX.S - | | H303 | TS2CC-28 | 33 | 303-3 | | HHSVMCB2 | 26 | 311200 P007 | 128 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 112100 P009
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-07

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|------------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 3A . SHD33 | | HLX.S - | | H303 | TS2CC-28 | 33 | 303-3 | CS-303-3 | HHSVMCB2 | 26 | 311200 P007 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 033 | HIFI LOA 3A . G2S | | HLX.S - | | H303 | TS2CC-28 | 34 | 303-4 | | HHSVMCB2 | 26 | 311200 P007 | 111 | 3H 3H 3H | |
| 019 | HIFI LOA 3A . G2SRT | | HLX.S - | | H303 | TS2CC-28 | 34 | 303-4 | | HHSVMCB2 | 26 | 311200 P007 | 120 | 3H 3H 3H | |
| NC | HIFI LOA 3A . SHD34 | | HLX.S - | | H303 | TS2CC-28 | 34 | 303-4 | CS-303-4 | HHSVMCB2 | 26 | 311200 P007 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 3A T . VP | | HLT.S - | | H304 | TS2CC-28 | 41 | 304-1 | | HHSVMCB2 | 26 | 311200 P007 | 092 | 3H 3H 3H | |
| 022 | HIFI LOA 3A T . VN | | HLT.S - | | H304 | TS2CC-28 | 41 | 304-1 | | HHSVMCB2 | 26 | 311200 P007 | 104 | 3H 3H 3H | |
| NC | HIFI LOA 3A T . SHD41 | | HLT.S - | | H304 | TS2CC-28 | 41 | 304-1 | CS-304-1 | HHSVMCB2 | 26 | 311200 P007 | 070 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 006 | HIFI LOA 3A T . IP | | HLT.S - | | H304 | TS2CC-28 | 42 | 304-2 | | HHSVMCB2 | 26 | 311200 P007 | 093 | 3H 3H 3H | |
| 007 | HIFI LOA 3A T . IN | | HLT.S - | | H304 | TS2CC-28 | 42 | 304-2 | | HHSVMCB2 | 26 | 311200 P007 | 081 | 3H 3H 3H | |
| NC | HIFI LOA 3A T . SHD42 | | HLT.S - | | H304 | TS2CC-28 | 42 | 304-2 | CS-304-2 | HHSVMCB2 | 26 | 311200 P007 | 070 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 3A P . L | | HLP.S - | | H305 | TS2CC-28 | 50 | | | HHSVMCB2 | 26 | 311200 P007 | 039 | 3H 3H 3H | |
| 024 | HIFI LOA 3A P . LRTN | | HLP.S - | | H305 | TS2CC-28 | 50 | | | HHSVMCB2 | 26 | 311200 P007 | 040 | 3H 3H 3H | |
| NC | HIFI LOA 3A P . SHD50 | | HLP.S - | | H305 | TS2CC-28 | 50 | | CS-H307 | HHSVMCB2 | 26 | 311200 P007 | 028 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 3A MS . 1 | | HL2.S - | | H306 | TS2CC-28 | 61 | 306-1 | | HHSVMCB2 | 26 | 311200 P007 | 117 | 3H 3H 3H | |
| 028 | HIFI LOA 3A MS . 1RTN | | HL2.S - | | H306 | TS2CC-28 | 61 | 306-1 | | HHSVMCB2 | 26 | 311200 P007 | 124 | 3H 3H 3H | |
| NC | HIFI LOA 3A MS . SHD61 | | HL2.S - | | H306 | TS2CC-28 | 61 | 306-1 | CSS-H306-1 | HHSVMCB2 | 26 | 311200 P007 | 125 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 042 | HIFI LOA 3A MS . 2 | | HL2.S - | | H306 | TS2CC-28 | 62 | 306-2 | | HHSVMCB2 | 26 | 311200 P007 | 123 | 3H 3H 3H | |
| 043 | HIFI LOA 3A MS . 2RTN | | HL2.S - | | H306 | TS2CC-28 | 62 | 306-2 | | HHSVMCB2 | 26 | 311200 P007 | 116 | 3H 3H 3H | |
| NC | HIFI LOA 3A MS . SHD62 | | HL2.S - | | H306 | TS2CC-28 | 62 | 306-2 | CSS-H306-2 | HHSVMCB2 | 26 | 311200 P007 | 125 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 013 | HIFI LOA 3A MS . 3 | | HL2.S - | | H306 | TS2CC-28 | 63 | 306-3 | | HHSVMCB2 | 26 | 311200 P007 | 107 | 3H 3H 3H | |
| 029 | HIFI LOA 3A MS . 3RTN | | HL2.S - | | H306 | TS2CC-28 | 63 | 306-3 | | HHSVMCB2 | 26 | 311200 P007 | 122 | 3H 3H 3H | |
| NC | HIFI LOA 3A MS . SHD63 | | HL2.S - | | H306 | TS2CC-28 | 63 | 306-3 | CSS-H306-3 | HHSVMCB2 | 26 | 311200 P007 | 125 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 038 | HIFI LOA 3A M . 1 | | HL6.S - | | H307 | TS2CC-28 | 71 | 307-1 | | HHSVMCB2 | 26 | 311200 P007 | 112 | 3H 3H 3H | |
| 039 | HIFI LOA 3A M . 1RTN | | HL6.S - | | H307 | TS2CC-28 | 71 | 307-1 | | HHSVMCB2 | 26 | 311200 P007 | 121 | 3H 3H 3H | |
| NC | HIFI LOA 3A M . SHD71 | | HL6.S - | | H307 | TS2CC-28 | 71 | 307-1 | CS-307-1 | HHSVMCB2 | 26 | 311200 P007 | 091 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

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Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 379 (of 474)

Connector: 112100 P009
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-07
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 009 | HIFI LOA 3A M . 2 | | HL6.S - | | H307 | TS2CC-28 | 72 | 307-2 | | | HHSVMCB2 | 26 | 311200 P007 | 113 | 3H 3H 3H |
| 025 | HIFI LOA 3A M . 2RTN | | HL6.S - | | H307 | TS2CC-28 | 72 | 307-2 | | | HHSVMCB2 | 26 | 311200 P007 | 102 | 3H 3H 3H |
| NC | HIFI LOA 3A M . SHD72 | | HL6.S - | | H307 | TS2CC-28 | 72 | 307-2 | CS-307-2 | | HHSVMCB2 | 26 | 311200 P007 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 3A M . 3 | | HL6.S - | | H307 | TS2CC-28 | 73 | 307-3 | | | HHSVMCB2 | 26 | 311200 P007 | 103 | 3H 3H 3H |
| 026 | HIFI LOA 3A M . 3RTN | | HL6.S - | | H307 | TS2CC-28 | 73 | 307-3 | | | HHSVMCB2 | 26 | 311200 P007 | 114 | 3H 3H 3H |
| NC | HIFI LOA 3A M . SHD73 | | HL6.S - | | H307 | TS2CC-28 | 73 | 307-3 | CS-307-3 | | HHSVMCB2 | 26 | 311200 P007 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 12 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;011 ;014 ;015 ;023 ;027 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | | |

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Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Pin Allocation List

(Harness)

Connector: 112100 P010
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-07

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 4A D . S31 | | HL.D.S - | | H401 | TS6CC-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 P007 | 064 | 3H 3H 3H | |
| 016 | HIFI LOA 4A D . R31 | | HL.D.S - | | H401 | TS6CC-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 P007 | 075 | 3H 3H 3H | |
| 001 | HIFI LOA 4A D . S32 | | HL.D.S - | | H401 | TS6CC-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 P007 | 087 | 3H 3H 3H | |
| 016 | HIFI LOA 4A D . R32 | | HL.D.S - | | H401 | TS6CC-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 P007 | 076 | 3H 3H 3H | |
| 001 | HIFI LOA 4A D . S33 | | HL.D.S - | | H401 | TS6CC-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 P007 | 088 | 3H 3H 3H | |
| 016 | HIFI LOA 4A D . R33 | | HL.D.S - | | H401 | TS6CC-22 | 15 | 401-1 | | HHSVMCB2 | 26 | 311200 P007 | 059 | 3H 3H 3H | |
| NC | HIFI LOA 4A D . SHD15 | | HL.D.S - | | H401 | TS6CC-22 | 15 | 401-1 | CS-401-1 | HHSVMCB2 | 26 | 311200 P007 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 031 | HIFI LOA 4A D . S41 | | HL.D.S - | | H401 | TS6CC-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 P007 | 031 | 3H 3H 3H | |
| 017 | HIFI LOA 4A D . R41 | | HL.D.S - | | H401 | TS6CC-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 P007 | 042 | 3H 3H 3H | |
| 031 | HIFI LOA 4A D . S42 | | HL.D.S - | | H401 | TS6CC-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 P007 | 053 | 3H 3H 3H | |
| 017 | HIFI LOA 4A D . R42 | | HL.D.S - | | H401 | TS6CC-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 P007 | 043 | 3H 3H 3H | |
| 031 | HIFI LOA 4A D . S43 | | HL.D.S - | | H401 | TS6CC-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 P007 | 054 | 3H 3H 3H | |
| 017 | HIFI LOA 4A D . R43 | | HL.D.S - | | H401 | TS6CC-22 | 16 | 401-2 | | HHSVMCB2 | 26 | 311200 P007 | 065 | 3H 3H 3H | |
| NC | HIFI LOA 4A D . SHD16 | | HL.D.S - | | H401 | TS6CC-22 | 16 | 401-2 | CS-401-2 | HHSVMCB2 | 26 | 311200 P007 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 4A G . 1 | | HL.G.S - | | H402 | TS2CC-28 | 25 | 402-1 | | HHSVMCB2 | 26 | 311200 P007 | 063 | 3H 3H 3H | |
| 020 | HIFI LOA 4A G . 1RTN | | HL.G.S - | | H402 | TS2CC-28 | 25 | 402-1 | | HHSVMCB2 | 26 | 311200 P007 | 062 | 3H 3H 3H | |
| NC | HIFI LOA 4A G . SHD25 | | HL.G.S - | | H402 | TS2CC-28 | 25 | 402-1 | CS-402-1 | HHSVMCB2 | 26 | 311200 P007 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 005 | HIFI LOA 4A G . 2 | | HL.G.S - | | H402 | TS2CC-28 | 26 | 402-2 | | HHSVMCB2 | 26 | 311200 P007 | 051 | 3H 3H 3H | |
| 021 | HIFI LOA 4A G . 2RTN | | HL.G.S - | | H402 | TS2CC-28 | 26 | 402-2 | | HHSVMCB2 | 26 | 311200 P007 | 052 | 3H 3H 3H | |
| NC | HIFI LOA 4A G . SHD26 | | HL.G.S - | | H402 | TS2CC-28 | 26 | 402-2 | CS-402-2 | HHSVMCB2 | 26 | 311200 P007 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 4A . D1S | | HLX.S - | | H403 | TS2CC-28 | 36 | 403-1 | | HHSVMCB2 | 26 | 311200 P007 | 037 | 3H 3H 3H | |
| 018 | HIFI LOA 4A . D1SRT | | HLX.S - | | H403 | TS2CC-28 | 36 | 403-1 | | HHSVMCB2 | 26 | 311200 P007 | 049 | 3H 3H 3H | |
| NC | HIFI LOA 4A . SHD36 | | HLX.S - | | H403 | TS2CC-28 | 36 | 403-1 | CS-403-1 | HHSVMCB2 | 26 | 311200 P007 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 003 | HIFI LOA 4A . D2S | | HLX.S - | | H403 | TS2CC-28 | 37 | 403-2 | | HHSVMCB2 | 26 | 311200 P007 | 038 | 3H 3H 3H | |
| 019 | HIFI LOA 4A . D2SRT | | HLX.S - | | H403 | TS2CC-28 | 37 | 403-2 | | HHSVMCB2 | 26 | 311200 P007 | 026 | 3H 3H 3H | |
| NC | HIFI LOA 4A . SHD37 | | HLX.S - | | H403 | TS2CC-28 | 37 | 403-2 | CS-403-2 | HHSVMCB2 | 26 | 311200 P007 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 032 | HIFI LOA 4A . G1S | | HLX.S - | | H403 | TS2CC-28 | 38 | 403-3 | | HHSVMCB2 | 26 | 311200 P007 | 016 | 3H 3H 3H | |
| 018 | HIFI LOA 4A . G1SRT | | HLX.S - | | H403 | TS2CC-28 | 38 | 403-3 | | HHSVMCB2 | 26 | 311200 P007 | 027 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P010
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-07
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 4A . SHD38 | | HLX.S - | | H403 | TS2CC-28 | 38 | 403-3 | CS-403-3 | HHSVMCB2 | 26 | 311200 P007 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 033 | HIFI LOA 4A . G2S | | HLX.S - | | H403 | TS2CC-28 | 39 | 403-4 | | HHSVMCB2 | 26 | 311200 P007 | 015 | 3H 3H 3H | |
| 019 | HIFI LOA 4A . G2SRT | | HLX.S - | | H403 | TS2CC-28 | 39 | 403-4 | | HHSVMCB2 | 26 | 311200 P007 | 008 | 3H 3H 3H | |
| NC | HIFI LOA 4A . SHD39 | | HLX.S - | | H403 | TS2CC-28 | 39 | 403-4 | CS-403-4 | HHSVMCB2 | 26 | 311200 P007 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 4A T . VP | | HLT.S - | | H404 | TS2CC-28 | 45 | 404-1 | | HHSVMCB2 | 26 | 311200 P007 | 017 | 3H 3H 3H | |
| 022 | HIFI LOA 4A T . VN | | HLT.S - | | H404 | TS2CC-28 | 45 | 404-1 | | HHSVMCB2 | 26 | 311200 P007 | 009 | 3H 3H 3H | |
| NC | HIFI LOA 4A T . SHD45 | | HLT.S - | | H404 | TS2CC-28 | 45 | 404-1 | CS-404-1 | HHSVMCB2 | 26 | 311200 P007 | 003 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 006 | HIFI LOA 4A T . IP | | HLT.S - | | H404 | TS2CC-28 | 46 | 404-2 | | HHSVMCB2 | 26 | 311200 P007 | 001 | 3H 3H 3H | |
| 007 | HIFI LOA 4A T . IN | | HLT.S - | | H404 | TS2CC-28 | 46 | 404-2 | | HHSVMCB2 | 26 | 311200 P007 | 002 | 3H 3H 3H | |
| NC | HIFI LOA 4A T . SHD46 | | HLT.S - | | H404 | TS2CC-28 | 46 | 404-2 | CS-404-2 | HHSVMCB2 | 26 | 311200 P007 | 003 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 4A P . L | | HLP.S - | | H405 | TS2CC-28 | 55 | | | HHSVMCB2 | 26 | 311200 P007 | 029 | 3H 3H 3H | |
| 024 | HIFI LOA 4A P . LRTN | | HLP.S - | | H405 | TS2CC-28 | 55 | | | HHSVMCB2 | 26 | 311200 P007 | 030 | 3H 3H 3H | |
| NC | HIFI LOA 4A P . SHD55 | | HLP.S - | | H405 | TS2CC-28 | 55 | | CS-H405 | HHSVMCB2 | 26 | 311200 P007 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 4A MS . 1 | | HL2.S - | | H406 | TS2CC-28 | 66 | 406-1 | | HHSVMCB2 | 26 | 311200 P007 | 058 | 3H 3H 3H | |
| 028 | HIFI LOA 4A MS . 1RTN | | HL2.S - | | H406 | TS2CC-28 | 66 | 406-1 | | HHSVMCB2 | 26 | 311200 P007 | 057 | 3H 3H 3H | |
| NC | HIFI LOA 4A MS . SHD66 | | HL2.S - | | H406 | TS2CC-28 | 66 | 406-1 | CS-406-1 | HHSVMCB2 | 26 | 311200 P007 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 042 | HIFI LOA 4A MS . 2 | | HL2.S - | | H406 | TS2CC-28 | 67 | 406-2 | | HHSVMCB2 | 26 | 311200 P007 | 046 | 3H 3H 3H | |
| 043 | HIFI LOA 4A MS . 2RTN | | HL2.S - | | H406 | TS2CC-28 | 67 | 406-2 | | HHSVMCB2 | 26 | 311200 P007 | 047 | 3H 3H 3H | |
| NC | HIFI LOA 4A MS . SHD67 | | HL2.S - | | H406 | TS2CC-28 | 67 | 406-2 | CS-406-2 | HHSVMCB2 | 26 | 311200 P007 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 013 | HIFI LOA 4A MS . 3 | | HL2.S - | | H406 | TS2CC-28 | 68 | 406-3 | | HHSVMCB2 | 26 | 311200 P007 | 034 | 3H 3H 3H | |
| 029 | HIFI LOA 4A MS . 3RTN | | HL2.S - | | H406 | TS2CC-28 | 68 | 406-3 | | HHSVMCB2 | 26 | 311200 P007 | 035 | 3H 3H 3H | |
| NC | HIFI LOA 4A MS . SHD68 | | HL2.S - | | H406 | TS2CC-28 | 68 | 406-3 | CS-406-3 | HHSVMCB2 | 26 | 311200 P007 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 038 | HIFI LOA 4A M . 1 | | HL6.S - | | H407 | TS2CC-28 | 75 | 407-1 | | HHSVMCB2 | 26 | 311200 P007 | 032 | 3H 3H 3H | |
| 039 | HIFI LOA 4A M . 1RTN | | HL6.S - | | H407 | TS2CC-28 | 75 | 407-1 | | HHSVMCB2 | 26 | 311200 P007 | 033 | 3H 3H 3H | |
| NC | HIFI LOA 4A M . SHD75 | | HL6.S - | | H407 | TS2CC-28 | 75 | 407-1 | CS-407-1 | HHSVMCB2 | 26 | 311200 P007 | 006 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 383 (of 474)

Connector: 112100 P010
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-07

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 009 | HIFI LOA 4A M . 2 | | HL6.S - | | H407 | TS2CC-28 | 76 | 407-2 | | | HHSVMCB2 | 26 | 311200 P007 | 023 | 3H 3H 3H |
| 025 | HIFI LOA 4A M . 2RTN | | HL6.S - | | H407 | TS2CC-28 | 76 | 407-2 | | | HHSVMCB2 | 26 | 311200 P007 | 022 | 3H 3H 3H |
| NC | HIFI LOA 4A M . SHD76 | | HL6.S - | | H407 | TS2CC-28 | 76 | 407-2 | CS-407-2 | | HHSVMCB2 | 26 | 311200 P007 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 4A M . 3 | | HL6.S - | | H407 | TS2CC-28 | 77 | 407-3 | | | HHSVMCB2 | 26 | 311200 P007 | 014 | 3H 3H 3H |
| 026 | HIFI LOA 4A M . 3RTN | | HL6.S - | | H407 | TS2CC-28 | 77 | 407-3 | | | HHSVMCB2 | 26 | 311200 P007 | 007 | 3H 3H 3H |
| NC | HIFI LOA 4A M . SHD77 | | HL6.S - | | H407 | TS2CC-28 | 77 | 407-3 | CS-407-3 | | HHSVMCB2 | 26 | 311200 P007 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 12 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;011 ;014 ;015 ;023 ;027 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 384 (of 474)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 311300 P001
Item: HHSVMCB3
Function / Bundle: HIFI SVM SIH-XH-08
Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 5A D . S11 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | HHLCU | 16 | 112100 P012 | 001 | 3H 3H 1H | |
| 089 | HIFI LOA 5A D . S12 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | HHLCU | 16 | 112100 P012 | 001 | 3H 3H 1H | |
| 090 | HIFI LOA 5A D . S13 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | HHLCU | 16 | 112100 P012 | 001 | 3H 3H 1H | |
| 100 | HIFI LOA 5A D . R11 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | HHLCU | 16 | 112100 P012 | 016 | 3H 3H 1H | |
| 101 | HIFI LOA 5A D . R12 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | HHLCU | 16 | 112100 P012 | 016 | 3H 3H 1H | |
| 079 | HIFI LOA 5A D . R13 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | HHLCU | 16 | 112100 P012 | 016 | 3H 3H 1H | |
| 068 | HIFI LOA 5A D . SHD01 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | CS-501-1 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 055 | HIFI LOA 5A D . S21 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | HHLCU | 16 | 112100 P012 | 031 | 3H 3H 1H | |
| 056 | HIFI LOA 5A D . S22 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | HHLCU | 16 | 112100 P012 | 031 | 3H 3H 1H | |
| 067 | HIFI LOA 5A D . S23 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | HHLCU | 16 | 112100 P012 | 031 | 3H 3H 1H | |
| 044 | HIFI LOA 5A D . R21 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | HHLCU | 16 | 112100 P012 | 017 | 3H 3H 1H | |
| 045 | HIFI LOA 5A D . R22 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | HHLCU | 16 | 112100 P012 | 017 | 3H 3H 1H | |
| 066 | HIFI LOA 5A D . R23 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | HHLCU | 16 | 112100 P012 | 017 | 3H 3H 1H | |
| 068 | HIFI LOA 5A D . SHD02 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | CS-501-2 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 097 | HIFI LOA 5A G . 1 | | HL.G.S - | | H502 | TS2CC-28 | 21 | 502-1 | | HHLCU | 16 | 112100 P012 | 004 | 3H 3H 3H | |
| 098 | HIFI LOA 5A G . 1RTN | | HL.G.S - | | H502 | TS2CC-28 | 21 | 502-1 | | HHLCU | 16 | 112100 P012 | 020 | 3H 3H 3H | |
| 074 | HIFI LOA 5A G . SHD21 | | HL.G.S - | | H502 | TS2CC-28 | 21 | 502-1 | CS-052-1 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 086 | HIFI LOA 5A G . 2 | | HL.G.S - | | H502 | TS2CC-28 | 22 | 502-2 | | HHLCU | 16 | 112100 P012 | 005 | 3H 3H 3H | |
| 085 | HIFI LOA 5A G . 2RTN | | HL.G.S - | | H502 | TS2CC-28 | 22 | 502-2 | | HHLCU | 16 | 112100 P012 | 021 | 3H 3H 3H | |
| 074 | HIFI LOA 5A G . SHD22 | | HL.G.S - | | H502 | TS2CC-28 | 22 | 502-2 | CS-052-2 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 118 | HIFI LOA 5A . D1S | | HLX.S - | | H503 | TS2CC-28 | 31 | 503-1 | | HHLCU | 16 | 112100 P012 | 002 | 3H 3H 3H | |
| 126 | HIFI LOA 5A . D1SRT | | HLX.S - | | H503 | TS2CC-28 | 31 | 503-1 | | HHLCU | 16 | 112100 P012 | 018 | 3H 3H 3H | |
| 109 | HIFI LOA 5A . SHD31 | | HLX.S - | | H503 | TS2CC-28 | 31 | 503-1 | CS-503-1 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 119 | HIFI LOA 5A . D2S | | HLX.S - | | H503 | TS2CC-28 | 32 | 503-2 | | HHLCU | 16 | 112100 P012 | 003 | 3H 3H 3H | |
| 110 | HIFI LOA 5A . D2SRT | | HLX.S - | | H503 | TS2CC-28 | 32 | 503-2 | | HHLCU | 16 | 112100 P012 | 019 | 3H 3H 3H | |
| 109 | HIFI LOA 5A . SHD32 | | HLX.S - | | H503 | TS2CC-28 | 32 | 503-2 | CS-503-2 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 127 | HIFI LOA 5A . G1S | | HLX.S - | | H503 | TS2CC-28 | 33 | 503-3 | | HHLCU | 16 | 112100 P012 | 032 | 3H 3H 3H | |
| 128 | HIFI LOA 5A . G1SRT | | HLX.S - | | H503 | TS2CC-28 | 33 | 503-3 | | HHLCU | 16 | 112100 P012 | 018 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 311300 P001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 109 | HIFI LOA 5A . SHD33 | | HLX.S - | | H503 | TS2CC-28 | 33 | 503-3 | | CS-503-3 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 111 | HIFI LOA 5A . G2S | | HLX.S - | | H503 | TS2CC-28 | 34 | 503-4 | | | HHLCU | 16 | 112100 P012 | 033 | 3H 3H 3H |
| 120 | HIFI LOA 5A . G2SRT | | HLX.S - | | H503 | TS2CC-28 | 34 | 503-4 | | | HHLCU | 16 | 112100 P012 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 5A . SHD34 | | HLX.S - | | H503 | TS2CC-28 | 34 | 503-4 | | CS-503-4 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 092 | HIFI LOA 5A T . VP | | HLT.S - | | H504 | TS2CC-28 | 41 | 504-1 | | | HHLCU | 16 | 112100 P012 | 036 | 3H 3H 3H |
| 104 | HIFI LOA 5A T . VN | | HLT.S - | | H504 | TS2CC-28 | 41 | 504-1 | | | HHLCU | 16 | 112100 P012 | 022 | 3H 3H 3H |
| 070 | HIFI LOA 5A T . SHD41 | | HLT.S - | | H504 | TS2CC-28 | 41 | 504-1 | | CS-504-1 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 093 | HIFI LOA 5A T . IP | | HLT.S - | | H504 | TS2CC-28 | 42 | 504-2 | | | HHLCU | 16 | 112100 P012 | 006 | 3H 3H 3H |
| 081 | HIFI LOA 5A T . IN | | HLT.S - | | H504 | TS2CC-28 | 42 | 504-2 | | | HHLCU | 16 | 112100 P012 | 007 | 3H 3H 3H |
| 070 | HIFI LOA 5A T . SHD42 | | HLT.S - | | H504 | TS2CC-28 | 42 | 504-2 | | CS-504-2 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 039 | HIFI LOA 5A P . L | | HLP.S - | | H505 | TS2CC-28 | 5 | | | | HHLCU | 16 | 112100 P012 | 008 | 3H 3H 3H |
| 040 | HIFI LOA 5A P . LRTN | | HLP.S - | | H505 | TS2CC-28 | 5 | | | | HHLCU | 16 | 112100 P012 | 024 | 3H 3H 3H |
| 028 | HIFI LOA 5A P . SHD05 | | HLP.S - | | H505 | TS2CC-28 | 5 | | | CS-H505 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 117 | HIFI LOA 5A MS . 1 | | HL2.S - | | H506 | TS2CC-28 | 61 | 506-1 | | | HHLCU | 16 | 112100 P012 | 012 | 3H 3H 3H |
| 124 | HIFI LOA 5A MS . 1RTN | | HL2.S - | | H506 | TS2CC-28 | 61 | 506-1 | | | HHLCU | 16 | 112100 P012 | 028 | 3H 3H 3H |
| 125 | HIFI LOA 5A MS . SHD61 | | HL2.S - | | H506 | TS2CC-28 | 61 | 506-1 | | CS-506-1 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 123 | HIFI LOA 5A MS . 2 | | HL2.S - | | H506 | TS2CC-28 | 62 | 506-2 | | | HHLCU | 16 | 112100 P012 | 042 | 3H 3H 3H |
| 116 | HIFI LOA 5A MS . 2RTN | | HL2.S - | | H506 | TS2CC-28 | 62 | 506-2 | | | HHLCU | 16 | 112100 P012 | 043 | 3H 3H 3H |
| 125 | HIFI LOA 5A MS . SHD62 | | HL2.S - | | H506 | TS2CC-28 | 62 | 506-2 | | CS-506-2 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 107 | HIFI LOA 5A MS . 3 | | HL2.S - | | H506 | TS2CC-28 | 63 | 506-3 | | | HHLCU | 16 | 112100 P012 | 013 | 3H 3H 3H |
| 122 | HIFI LOA 5A MS . 3RTN | | HL2.S - | | H506 | TS2CC-28 | 63 | 506-3 | | | HHLCU | 16 | 112100 P012 | 029 | 3H 3H 3H |
| 125 | HIFI LOA 5A MS . SHD63 | | HL2.S - | | H506 | TS2CC-28 | 63 | 506-3 | | CS-506-3 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 5A M . 1 | | HL6.S - | | H507 | TS2CC-28 | 71 | 507-1 | | | HHLCU | 16 | 112100 P012 | 038 | 3H 3H 3H |
| 121 | HIFI LOA 5A M . 1RTN | | HL6.S - | | H507 | TS2CC-28 | 71 | 507-1 | | | HHLCU | 16 | 112100 P012 | 039 | 3H 3H 3H |
| 091 | HIFI LOA 5A M . SHD71 | | HL6.S - | | H507 | TS2CC-28 | 71 | 507-1 | | CS-507-1 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 311300 P001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 113 | HIFI LOA 5A M . 2 | | HL6.S - | | H507 | TS2CC-28 | 72 | 507-2 | | HHLCU | 16 | 112100 P012 | 009 | 3H 3H 3H | |
| 102 | HIFI LOA 5A M . 2RTN | | HL6.S - | | H507 | TS2CC-28 | 72 | 507-2 | | HHLCU | 16 | 112100 P012 | 025 | 3H 3H 3H | |
| 091 | HIFI LOA 5A M . SHD72 | | HL6.S - | | H507 | TS2CC-28 | 72 | 507-2 | CS-507-2 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 103 | HIFI LOA 5A M . 3 | | HL6.S - | | H507 | TS2CC-28 | 73 | 507-3 | | HHLCU | 16 | 112100 P012 | 010 | 3H 3H 3H | |
| 114 | HIFI LOA 5A M . 3RTN | | HL6.S - | | H507 | TS2CC-28 | 73 | 507-3 | | HHLCU | 16 | 112100 P012 | 026 | 3H 3H 3H | |
| 091 | HIFI LOA 5A M . SHD73 | | HL6.S - | | H507 | TS2CC-28 | 73 | 507-3 | CS-507-3 | HHLCU | 16 | 112100 P012 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 064 | HIFI LOA 6A D . S31 | | HLD.S - | | H601 | TS6CC-22 | 11 | 601-1 | | HHLCU | 16 | 112100 P011 | 001 | 3H 3H 3H | |
| 075 | HIFI LOA 6A D . R31 | | HLD.S - | | H601 | TS6CC-22 | 11 | 601-1 | | HHLCU | 16 | 112100 P011 | 016 | 3H 3H 3H | |
| 087 | HIFI LOA 6A D . S32 | | HLD.S - | | H601 | TS6CC-22 | 11 | 601-1 | | HHLCU | 16 | 112100 P011 | 001 | 3H 3H 3H | |
| 076 | HIFI LOA 6A D . R32 | | HLD.S - | | H601 | TS6CC-22 | 11 | 601-1 | | HHLCU | 16 | 112100 P011 | 016 | 3H 3H 3H | |
| 088 | HIFI LOA 6A D . S33 | | HLD.S - | | H601 | TS6CC-22 | 11 | 601-1 | | HHLCU | 16 | 112100 P011 | 001 | 3H 3H 3H | |
| 059 | HIFI LOA 6A D . R33 | | HLD.S - | | H601 | TS6CC-22 | 11 | 601-1 | | HHLCU | 16 | 112100 P011 | 016 | 3H 3H 3H | |
| 077 | HIFI LOA 6A D . SHD11 | | HLD.S - | | H601 | TS6CC-22 | 11 | 601-1 | CS-601-1 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 031 | HIFI LOA 6A D . S41 | | HLD.S - | | H601 | TS6CC-22 | 12 | 601-2 | | HHLCU | 16 | 112100 P011 | 031 | 3H 3H 3H | |
| 042 | HIFI LOA 6A D . R41 | | HLD.S - | | H601 | TS6CC-22 | 12 | 601-2 | | HHLCU | 16 | 112100 P011 | 017 | 3H 3H 3H | |
| 053 | HIFI LOA 6A D . S42 | | HLD.S - | | H601 | TS6CC-22 | 12 | 601-2 | | HHLCU | 16 | 112100 P011 | 031 | 3H 3H 3H | |
| 043 | HIFI LOA 6A D . R42 | | HLD.S - | | H601 | TS6CC-22 | 12 | 601-2 | | HHLCU | 16 | 112100 P011 | 017 | 3H 3H 3H | |
| 054 | HIFI LOA 6A D . S43 | | HLD.S - | | H601 | TS6CC-22 | 12 | 601-2 | | HHLCU | 16 | 112100 P011 | 031 | 3H 3H 3H | |
| 065 | HIFI LOA 6A D . R43 | | HLD.S - | | H601 | TS6CC-22 | 12 | 601-2 | | HHLCU | 16 | 112100 P011 | 017 | 3H 3H 3H | |
| 077 | HIFI LOA 6A D . SHD12 | | HLD.S - | | H601 | TS6CC-22 | 12 | 601-2 | CS-601-2 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 063 | HIFI LOA 6A G . 1 | | HLG.S - | | H602 | TS2CC-28 | 25 | 602-1 | | HHLCU | 16 | 112100 P011 | 004 | 3H 3H 3H | |
| 062 | HIFI LOA 6A G . 1RTN | | HLG.S - | | H602 | TS2CC-28 | 25 | 602-1 | | HHLCU | 16 | 112100 P011 | 020 | 3H 3H 3H | |
| 073 | HIFI LOA 6A G . SHD25 | | HLG.S - | | H602 | TS2CC-28 | 25 | 602-1 | CS-602-1 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 051 | HIFI LOA 6A G . 2 | | HLG.S - | | H602 | TS2CC-28 | 26 | 602-2 | | HHLCU | 16 | 112100 P011 | 005 | 3H 3H 3H | |
| 052 | HIFI LOA 6A G . 2RTN | | HLG.S - | | H602 | TS2CC-28 | 26 | 602-2 | | HHLCU | 16 | 112100 P011 | 021 | 3H 3H 3H | |
| 073 | HIFI LOA 6A G . SHD26 | | HLG.S - | | H602 | TS2CC-28 | 26 | 602-2 | CS-602-2 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 037 | HIFI LOA 6A . D1S | | HLX.S - | | H603 | TS2CC-28 | 36 | 603-1 | | HHLCU | 16 | 112100 P011 | 002 | 3H 3H 3H | |
| 049 | HIFI LOA 6A . D1SRT | | HLX.S - | | H603 | TS2CC-28 | 36 | 603-1 | | HHLCU | 16 | 112100 P011 | 018 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 311300 P001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 025 | HIFI LOA 6A . SHD36 | | HLX.S | - | H603 | TS2CC-28 | 36 | 603-1 | CS-603-1 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 038 | HIFI LOA 6A . D2S | | HLX.S | - | H603 | TS2CC-28 | 37 | 603-2 | | HHLCU | 16 | 112100 P011 | 003 | 3H 3H 3H | |
| 026 | HIFI LOA 6A . D2SRT | | HLX.S | - | H603 | TS2CC-28 | 37 | 603-2 | | HHLCU | 16 | 112100 P011 | 019 | 3H 3H 3H | |
| 025 | HIFI LOA 6A . SHD37 | | HLX.S | - | H603 | TS2CC-28 | 37 | 603-2 | CS-603-2 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 016 | HIFI LOA 6A . G1S | | HLX.S | - | H603 | TS2CC-28 | 38 | 603-3 | | HHLCU | 16 | 112100 P011 | 032 | 3H 3H 3H | |
| 027 | HIFI LOA 6A . G1SRT | | HLX.S | - | H603 | TS2CC-28 | 38 | 603-3 | | HHLCU | 16 | 112100 P011 | 018 | 3H 3H 3H | |
| 025 | HIFI LOA 6A . SHD38 | | HLX.S | - | H603 | TS2CC-28 | 38 | 603-3 | CS-603-3 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 015 | HIFI LOA 6A . G2S | | HLX.S | - | H603 | TS2CC-28 | 39 | 603-4 | | HHLCU | 16 | 112100 P011 | 033 | 3H 3H 3H | |
| 008 | HIFI LOA 6A . G2SRT | | HLX.S | - | H603 | TS2CC-28 | 39 | 603-4 | | HHLCU | 16 | 112100 P011 | 019 | 3H 3H 3H | |
| 025 | HIFI LOA 6A . SHD39 | | HLX.S | - | H603 | TS2CC-28 | 39 | 603-4 | CS-603-4 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 009 | HIFI LOA 6A T . VP | | HLT.S | - | H604 | TS2CC-28 | 46 | 604-1 | | HHLCU | 16 | 112100 P011 | 036 | 3H 3H 3H | |
| 017 | HIFI LOA 6A T . VN | | HLT.S | - | H604 | TS2CC-28 | 46 | 604-1 | | HHLCU | 16 | 112100 P011 | 022 | 3H 3H 3H | |
| 003 | HIFI LOA 6A T . SHD46 | | HLT.S | - | H604 | TS2CC-28 | 46 | 604-1 | CS-064-1 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 001 | HIFI LOA 6A T . IP | | HLT.S | - | H604 | TS2CC-28 | 47 | 604-2 | | HHLCU | 16 | 112100 P011 | 006 | 3H 3H 3H | |
| 002 | HIFI LOA 6A T . IN | | HLT.S | - | H604 | TS2CC-28 | 47 | 604-2 | | HHLCU | 16 | 112100 P011 | 007 | 3H 3H 3H | |
| 003 | HIFI LOA 6A T . SHD47 | | HLT.S | - | H604 | TS2CC-28 | 47 | 604-2 | CS-064-2 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 029 | HIFI LOA 6A P . L | | HLP.S | - | H605 | TS2CC-28 | 50 | | | HHLCU | 16 | 112100 P011 | 008 | 3H 3H 3H | |
| 030 | HIFI LOA 6A P . LRTN | | HLP.S | - | H605 | TS2CC-28 | 50 | | | HHLCU | 16 | 112100 P011 | 024 | 3H 3H 3H | |
| 041 | HIFI LOA 6A P . SHD50 | | HLP.S | - | H605 | TS2CC-28 | 50 | | CS-H605 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 058 | HIFI LOA 6A MS . 1 | | HL3.S | - | H606 | TS2CC-28 | 65 | 606-1 | | HHLCU | 16 | 112100 P011 | 012 | 3H 3H 3H | |
| 057 | HIFI LOA 6A MS . 1RTN | | HL3.S | - | H606 | TS2CC-28 | 65 | 606-1 | | HHLCU | 16 | 112100 P011 | 028 | 3H 3H 3H | |
| 069 | HIFI LOA 6A MS . SHD65 | | HL3.S | - | H606 | TS2CC-28 | 65 | 606-1 | CS-606-1 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 046 | HIFI LOA 6A MS . 2 | | HL3.S | - | H606 | TS2CC-28 | 66 | 606-2 | | HHLCU | 16 | 112100 P011 | 042 | 3H 3H 3H | |
| 047 | HIFI LOA 6A MS . 2RTN | | HL3.S | - | H606 | TS2CC-28 | 66 | 606-2 | | HHLCU | 16 | 112100 P011 | 043 | 3H 3H 3H | |
| 069 | HIFI LOA 6A MS . SHD66 | | HL3.S | - | H606 | TS2CC-28 | 66 | 606-2 | CS-606-2 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 311300 P001

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B06G2435SN

Item: HHSVMCB3

Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 034 | HIFI LOA 6A MS . 3 | | HL3.S - | | H606 | TS2CC-28 | 67 | 606-2 | | HHLCU | 16 | 112100 P011 | 013 | 3H 3H 3H | |
| 033 | HIFI LOA 6A MS . 3RTN | | HL3.S - | | H606 | TS2CC-28 | 67 | 606-2 | | HHLCU | 16 | 112100 P011 | 029 | 3H 3H 3H | |
| 069 | HIFI LOA 6A MS . SHD67 | | HL3.S - | | H606 | TS2CC-28 | 67 | 606-3 | CS-606-3 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 035 | HIFI LOA 6A MS . 4 | | HL3.S - | | H606 | TS2CC-28 | 68 | 606-2 | | HHLCU | 16 | 112100 P011 | 044 | 3H 3H 3H | |
| 024 | HIFI LOA 6A MS . 4RTN | | HL3.S - | | H606 | TS2CC-28 | 68 | 606-2 | | HHLCU | 16 | 112100 P011 | 030 | 3H 3H 3H | |
| 069 | HIFI LOA 6A MS . SHD68 | | HL3.S - | | H606 | TS2CC-28 | 68 | 606-4 | CS-606-4 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 023 | HIFI LOA 6A MS . 5 | | HL3.S - | | H606 | TS2CC-28 | 69 | 606-2 | | HHLCU | 16 | 112100 P011 | 014 | 3H 3H 3H | |
| 014 | HIFI LOA 6A MS . 5RTN | | HL3.S - | | H606 | TS2CC-28 | 69 | 606-2 | | HHLCU | 16 | 112100 P011 | 015 | 3H 3H 3H | |
| 069 | HIFI LOA 6A MS . SHD69 | | HL3.S - | | H606 | TS2CC-28 | 69 | 606-5 | CS-606-5 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 022 | HIFI LOA 6A M . 1 | | HL7.S - | | H607 | TS2CC-28 | 75 | 607-1 | | HHLCU | 16 | 112100 P011 | 038 | 3H 3H 3H | |
| 032 | HIFI LOA 6A M . 1RTN | | HL7.S - | | H607 | TS2CC-28 | 75 | 607-1 | | HHLCU | 16 | 112100 P011 | 039 | 3H 3H 3H | |
| 004 | HIFI LOA 6A M . SHD75 | | HL7.S - | | H607 | TS2CC-28 | 75 | 607-1 | CS-607-1 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 021 | HIFI LOA 6A M . 2 | | HL7.S - | | H607 | TS2CC-28 | 76 | 607-2 | | HHLCU | 16 | 112100 P011 | 009 | 3H 3H 3H | |
| 013 | HIFI LOA 6A M . 2RTN | | HL7.S - | | H607 | TS2CC-28 | 76 | 607-2 | | HHLCU | 16 | 112100 P011 | 025 | 3H 3H 3H | |
| 004 | HIFI LOA 6A M . SHD76 | | HL7.S - | | H607 | TS2CC-28 | 76 | 607-2 | CS-607-2 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 006 | HIFI LOA 6A M . 3 | | HL7.S - | | H607 | TS2CC-28 | 77 | 607-3 | | HHLCU | 16 | 112100 P011 | 010 | 3H 3H 3H | |
| 007 | HIFI LOA 6A M . 3RTN | | HL7.S - | | H607 | TS2CC-28 | 77 | 607-3 | | HHLCU | 16 | 112100 P011 | 026 | 3H 3H 3H | |
| 004 | HIFI LOA 6A M . SHD77 | | HL7.S - | | H607 | TS2CC-28 | 77 | 607-3 | CS-607-3 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 012 | HIFI LOA 6A M . 4 | | HL7.S - | | H607 | TS2CC-28 | 78 | 607-4 | | HHLCU | 16 | 112100 P011 | 041 | 3H 3H 3H | |
| 005 | HIFI LOA 6A M . 4RTN | | HL7.S - | | H607 | TS2CC-28 | 78 | 607-4 | | HHLCU | 16 | 112100 P011 | 040 | 3H 3H 3H | |
| 004 | HIFI LOA 6A M . SHD78 | | HL7.S - | | H607 | TS2CC-28 | 78 | 607-4 | CS-607-4 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 020 | HIFI LOA 6A M . 5 | | HL7.S - | | H607 | TS2CC-28 | 79 | 607-5 | | HHLCU | 16 | 112100 P011 | 011 | 3H 3H 3H | |
| 011 | HIFI LOA 6A M . 5RTN | | HL7.S - | | H607 | TS2CC-28 | 79 | 607-5 | | HHLCU | 16 | 112100 P011 | 027 | 3H 3H 3H | |
| 004 | HIFI LOA 6A M . SHD79 | | HL7.S - | | H607 | TS2CC-28 | 79 | 607-5 | CS-607-5 | HHLCU | 16 | 112100 P011 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 019 | HIFI LOA HEAT M . SIG | | HLH.S - | | H701 | TS2CC-28 | 10 | | | HHLCU | 16 | 112100 P003 | 001 | 3H 3H 3H | |
| 018 | HIFI LOA HEAT M . RTN | | HLH.S - | | H701 | TS2CC-28 | 10 | | | HHLCU | 16 | 112100 P003 | 009 | 3H 3H 3H | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014
 Issue : 2.1 Date : 16.12.2005
 Sheet : 390 (of 474)

Connector: 311300 P001
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-08

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 010 | HIFI LOA HEAT M . SHD10 | | HLH.S | - | H701 | TS2CC-28 | 10 | | | CS-H701 | HHLCU | 16 | 112100 P003 | CH | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | R |
| - | 19 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;036 ;048 ;050 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;099 ;105 ;106 ;108 ;115 | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P012
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-08
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|--------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 5A D . S11 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | | HHSVMCB3 | 26 | 311300 P001 | 078 | 1H 3H 3H |
| 001 | HIFI LOA 5A D . S12 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | | HHSVMCB3 | 26 | 311300 P001 | 089 | 1H 3H 3H |
| 001 | HIFI LOA 5A D . S13 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | | HHSVMCB3 | 26 | 311300 P001 | 090 | 1H 3H 3H |
| 016 | HIFI LOA 5A D . R11 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | | HHSVMCB3 | 26 | 311300 P001 | 100 | 1H 3H 3H |
| 016 | HIFI LOA 5A D . R12 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | | HHSVMCB3 | 26 | 311300 P001 | 101 | 1H 3H 3H |
| 016 | HIFI LOA 5A D . R13 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | | | HHSVMCB3 | 26 | 311300 P001 | 079 | 1H 3H 3H |
| NC | HIFI LOA 5A D . SHD01 | | HL.D.S - | | H501 | TS6CC-22 | 1 | 501-1 | CS-501-1 | | HHSVMCB3 | 26 | 311300 P001 | 068 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 031 | HIFI LOA 5A D . S21 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | | HHSVMCB3 | 26 | 311300 P001 | 055 | 1H 3H 3H |
| 031 | HIFI LOA 5A D . S22 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | | HHSVMCB3 | 26 | 311300 P001 | 056 | 1H 3H 3H |
| 031 | HIFI LOA 5A D . S23 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | | HHSVMCB3 | 26 | 311300 P001 | 067 | 1H 3H 3H |
| 017 | HIFI LOA 5A D . R21 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | | HHSVMCB3 | 26 | 311300 P001 | 044 | 1H 3H 3H |
| 017 | HIFI LOA 5A D . R22 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | | HHSVMCB3 | 26 | 311300 P001 | 045 | 1H 3H 3H |
| 017 | HIFI LOA 5A D . R23 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | | | HHSVMCB3 | 26 | 311300 P001 | 066 | 1H 3H 3H |
| NC | HIFI LOA 5A D . SHD02 | | HL.D.S - | | H501 | TS6CC-22 | 2 | 501-2 | CS-501-2 | | HHSVMCB3 | 26 | 311300 P001 | 068 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 5A G . 1 | | HL.G.S - | | H502 | TS2CC-28 | 21 | 502-1 | | | HHSVMCB3 | 26 | 311300 P001 | 097 | 3H 3H 3H |
| 020 | HIFI LOA 5A G . 1RTN | | HL.G.S - | | H502 | TS2CC-28 | 21 | 502-1 | | | HHSVMCB3 | 26 | 311300 P001 | 098 | 3H 3H 3H |
| NC | HIFI LOA 5A G . SHD21 | | HL.G.S - | | H502 | TS2CC-28 | 21 | 502-1 | CS-502-1 | | HHSVMCB3 | 26 | 311300 P001 | 074 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 005 | HIFI LOA 5A G . 2 | | HL.G.S - | | H502 | TS2CC-28 | 22 | 502-2 | | | HHSVMCB3 | 26 | 311300 P001 | 086 | 3H 3H 3H |
| 021 | HIFI LOA 5A G . 2RTN | | HL.G.S - | | H502 | TS2CC-28 | 22 | 502-2 | | | HHSVMCB3 | 26 | 311300 P001 | 085 | 3H 3H 3H |
| NC | HIFI LOA 5A G . SHD22 | | HL.G.S - | | H502 | TS2CC-28 | 22 | 502-2 | CS-502-2 | | HHSVMCB3 | 26 | 311300 P001 | 074 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 5A . D1S | | HLX.S - | | H503 | TS2CC-28 | 31 | 503-1 | | | HHSVMCB3 | 26 | 311300 P001 | 118 | 3H 3H 3H |
| 018 | HIFI LOA 5A . D1SRT | | HLX.S - | | H503 | TS2CC-28 | 31 | 503-1 | | | HHSVMCB3 | 26 | 311300 P001 | 126 | 3H 3H 3H |
| NC | HIFI LOA 5A . SHD31 | | HLX.S - | | H503 | TS2CC-28 | 31 | 503-1 | CS-503-1 | | HHSVMCB3 | 26 | 311300 P001 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 003 | HIFI LOA 5A . D2S | | HLX.S - | | H503 | TS2CC-28 | 32 | 503-2 | | | HHSVMCB3 | 26 | 311300 P001 | 119 | 3H 3H 3H |
| 019 | HIFI LOA 5A . D2SRT | | HLX.S - | | H503 | TS2CC-28 | 32 | 503-12 | | | HHSVMCB3 | 26 | 311300 P001 | 110 | 3H 3H 3H |
| NC | HIFI LOA 5A . SHD32 | | HLX.S - | | H503 | TS2CC-28 | 32 | 503-2 | CS-503-2 | | HHSVMCB3 | 26 | 311300 P001 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 032 | HIFI LOA 5A . G1S | | HLX.S - | | H503 | TS2CC-28 | 33 | 503-3 | | | HHSVMCB3 | 26 | 311300 P001 | 127 | 3H 3H 3H |
| 018 | HIFI LOA 5A . G1SRT | | HLX.S - | | H503 | TS2CC-28 | 33 | 503-3 | | | HHSVMCB3 | 26 | 311300 P001 | 128 | 3H 3H 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P012
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-08
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 5A . SHD33 | | HLX.S - | | H503 | TS2CC-28 | 33 | 503-3 | | CS-503-3 | HHSVMCB3 | 26 | 311300 P001 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 5A . G2S | | HLX.S - | | H503 | TS2CC-28 | 34 | 503-4 | | | HHSVMCB3 | 26 | 311300 P001 | 111 | 3H 3H 3H |
| 019 | HIFI LOA 5A . G2SRT | | HLX.S - | | H503 | TS2CC-28 | 34 | 503-4 | | | HHSVMCB3 | 26 | 311300 P001 | 120 | 3H 3H 3H |
| NC | HIFI LOA 5A . SHD34 | | HLX.S - | | H503 | TS2CC-28 | 34 | 503-4 | | CS-503-4 | HHSVMCB3 | 26 | 311300 P001 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 5A T . VP | | HLT.S - | | H504 | TS2CC-28 | 41 | 504-1 | | | HHSVMCB3 | 26 | 311300 P001 | 092 | 3H 3H 3H |
| 022 | HIFI LOA 5A T . VN | | HLT.S - | | H504 | TS2CC-28 | 41 | 504-1 | | | HHSVMCB3 | 26 | 311300 P001 | 104 | 3H 3H 3H |
| NC | HIFI LOA 5A T . SHD41 | | HLT.S - | | H504 | TS2CC-28 | 41 | 504-1 | | CS-504-1 | HHSVMCB3 | 26 | 311300 P001 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 5A T . IP | | HLT.S - | | H504 | TS2CC-28 | 42 | 504-2 | | | HHSVMCB3 | 26 | 311300 P001 | 093 | 3H 3H 3H |
| 007 | HIFI LOA 5A T . IN | | HLT.S - | | H504 | TS2CC-28 | 42 | 504-2 | | | HHSVMCB3 | 26 | 311300 P001 | 081 | 3H 3H 3H |
| NC | HIFI LOA 5A T . SHD42 | | HLT.S - | | H504 | TS2CC-28 | 42 | 504-2 | | CS-504-2 | HHSVMCB3 | 26 | 311300 P001 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 5A P . L | | HLP.S - | | H505 | TS2CC-28 | 5 | | | | HHSVMCB3 | 26 | 311300 P001 | 039 | 3H 3H 3H |
| 024 | HIFI LOA 5A P . LRTN | | HLP.S - | | H505 | TS2CC-28 | 5 | | | | HHSVMCB3 | 26 | 311300 P001 | 040 | 3H 3H 3H |
| NC | HIFI LOA 5A P . SHD05 | | HLP.S - | | H505 | TS2CC-28 | 5 | | | CS-H505 | HHSVMCB3 | 26 | 311300 P001 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 5A MS . 1 | | HL2.S - | | H506 | TS2CC-28 | 61 | 506-1 | | | HHSVMCB3 | 26 | 311300 P001 | 117 | 3H 3H 3H |
| 028 | HIFI LOA 5A MS . 1RTN | | HL2.S - | | H506 | TS2CC-28 | 61 | 506-1 | | | HHSVMCB3 | 26 | 311300 P001 | 124 | 3H 3H 3H |
| NC | HIFI LOA 5A MS . SHD61 | | HL2.S - | | H506 | TS2CC-28 | 61 | 506-1 | | CS-506-1 | HHSVMCB3 | 26 | 311300 P001 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 5A MS . 2 | | HL2.S - | | H506 | TS2CC-28 | 62 | 506-2 | | | HHSVMCB3 | 26 | 311300 P001 | 123 | 3H 3H 3H |
| 043 | HIFI LOA 5A MS . 2RTN | | HL2.S - | | H506 | TS2CC-28 | 62 | 506-2 | | | HHSVMCB3 | 26 | 311300 P001 | 116 | 3H 3H 3H |
| NC | HIFI LOA 5A MS . SHD62 | | HL2.S - | | H506 | TS2CC-28 | 62 | 506-3 | | CS-506-2 | HHSVMCB3 | 26 | 311300 P001 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 013 | HIFI LOA 5A MS . 3 | | HL2.S - | | H506 | TS2CC-28 | 63 | 506-3 | | | HHSVMCB3 | 26 | 311300 P001 | 107 | 3H 3H 3H |
| 029 | HIFI LOA 5A MS . 3RTN | | HL2.S - | | H506 | TS2CC-28 | 63 | 506-3 | | | HHSVMCB3 | 26 | 311300 P001 | 122 | 3H 3H 3H |
| NC | HIFI LOA 5A MS . SHD63 | | HL2.S - | | H506 | TS2CC-28 | 63 | 506-3 | | CS-506-3 | HHSVMCB3 | 26 | 311300 P001 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 5A M . 1 | | HL6.S - | | H507 | TS2CC-28 | 71 | 507-1 | | | HHSVMCB3 | 26 | 311300 P001 | 112 | 3H 3H 3H |
| 039 | HIFI LOA 5A M . 1RTN | | HL6.S - | | H507 | TS2CC-28 | 71 | 507-1 | | | HHSVMCB3 | 26 | 311300 P001 | 121 | 3H 3H 3H |
| NC | HIFI LOA 5A M . SHD71 | | HL6.S - | | H507 | TS2CC-28 | 71 | 507-1 | | CS-507-1 | HHSVMCB3 | 26 | 311300 P001 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 393 (of 474)

Connector: 112100 P012
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-08

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 009 | HIFI LOA 5A M . 2 | | HL6.S - | | H507 | TS2CC-28 | 72 | 507-2 | | | HHSVMCB3 | 26 | 311300 P001 | 113 | 3H 3H 3H |
| 025 | HIFI LOA 5A M . 2RTN | | HL6.S - | | H507 | TS2CC-28 | 72 | 507-2 | | | HHSVMCB3 | 26 | 311300 P001 | 102 | 3H 3H 3H |
| NC | HIFI LOA 5A M . SHD72 | | HL6.S - | | H507 | TS2CC-28 | 72 | 507-3 | CS-507-2 | | HHSVMCB3 | 26 | 311300 P001 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 5A M . 3 | | HL6.S - | | H507 | TS2CC-28 | 73 | 507-3 | | | HHSVMCB3 | 26 | 311300 P001 | 103 | 3H 3H 3H |
| 026 | HIFI LOA 5A M . 3RTN | | HL6.S - | | H507 | TS2CC-28 | 73 | 507-3 | | | HHSVMCB3 | 26 | 311300 P001 | 114 | 3H 3H 3H |
| NC | HIFI LOA 5A M . SHD73 | | HL6.S - | | H507 | TS2CC-28 | 73 | 507-3 | CS-507-3 | | HHSVMCB3 | 26 | 311300 P001 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 12 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;011 ;014 ;015 ;023 ;027 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 394 (of 474)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P011
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-08
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6A D . S31 | | HL.D.S - | | H601 | TS6CC-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 P001 | 064 | 3H 3H 3H |
| 001 | HIFI LOA 6A D . S32 | | HL.D.S - | | H601 | TS6CC-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 P001 | 087 | 3H 3H 3H |
| 001 | HIFI LOA 6A D . S33 | | HL.D.S - | | H601 | TS6CC-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 P001 | 088 | 3H 3H 3H |
| 016 | HIFI LOA 6A D . R31 | | HL.D.S - | | H601 | TS6CC-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 P001 | 075 | 3H 3H 3H |
| 016 | HIFI LOA 6A D . R32 | | HL.D.S - | | H601 | TS6CC-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 P001 | 076 | 3H 3H 3H |
| 016 | HIFI LOA 6A D . R33 | | HL.D.S - | | H601 | TS6CC-22 | 11 | 601-1 | | | HHSVMCB3 | 26 | 311300 P001 | 059 | 3H 3H 3H |
| NC | HIFI LOA 6A D . SHD11 | | HL.D.S - | | H601 | TS6CC-22 | 11 | 601-1 | CS-601-1 | | HHSVMCB3 | 26 | 311300 P001 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 031 | HIFI LOA 6A D . S41 | | HL.D.S - | | H601 | TS6CC-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 P001 | 031 | 3H 3H 3H |
| 031 | HIFI LOA 6A D . S42 | | HL.D.S - | | H601 | TS6CC-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 P001 | 053 | 3H 3H 3H |
| 031 | HIFI LOA 6A D . S43 | | HL.D.S - | | H601 | TS6CC-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 P001 | 054 | 3H 3H 3H |
| 017 | HIFI LOA 6A D . R41 | | HL.D.S - | | H601 | TS6CC-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 P001 | 042 | 3H 3H 3H |
| 017 | HIFI LOA 6A D . R42 | | HL.D.S - | | H601 | TS6CC-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 P001 | 043 | 3H 3H 3H |
| 017 | HIFI LOA 6A D . R43 | | HL.D.S - | | H601 | TS6CC-22 | 12 | 601-2 | | | HHSVMCB3 | 26 | 311300 P001 | 065 | 3H 3H 3H |
| NC | HIFI LOA 6A D . SHD12 | | HL.D.S - | | H601 | TS6CC-22 | 12 | 601-2 | CS-601-2 | | HHSVMCB3 | 26 | 311300 P001 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 6A G . 1 | | HL.G.S - | | H602 | TS2CC-28 | 25 | 602-1 | | | HHSVMCB3 | 26 | 311300 P001 | 063 | 3H 3H 3H |
| 020 | HIFI LOA 6A G . 1RTN | | HL.G.S - | | H602 | TS2CC-28 | 25 | 602-1 | | | HHSVMCB3 | 26 | 311300 P001 | 062 | 3H 3H 3H |
| NC | HIFI LOA 6A G . SHD25 | | HL.G.S - | | H602 | TS2CC-28 | 25 | 602-1 | CS-602-1 | | HHSVMCB3 | 26 | 311300 P001 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 005 | HIFI LOA 6A G . 2 | | HL.G.S - | | H602 | TS2CC-28 | 26 | 602-2 | | | HHSVMCB3 | 26 | 311300 P001 | 051 | 3H 3H 3H |
| 021 | HIFI LOA 6A G . 2RTN | | HL.G.S - | | H602 | TS2CC-28 | 26 | 602-2 | | | HHSVMCB3 | 26 | 311300 P001 | 052 | 3H 3H 3H |
| NC | HIFI LOA 6A G . SHD26 | | HL.G.S - | | H602 | TS2CC-28 | 26 | 602-2 | CS-602-2 | | HHSVMCB3 | 26 | 311300 P001 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 6A . D1S | | HLX.S - | | H603 | TS2CC-28 | 36 | 603-1 | | | HHSVMCB3 | 26 | 311300 P001 | 037 | 3H 3H 3H |
| 018 | HIFI LOA 6A . D1SRT | | HLX.S - | | H603 | TS2CC-28 | 36 | 603-1 | | | HHSVMCB3 | 26 | 311300 P001 | 049 | 3H 3H 3H |
| NC | HIFI LOA 6A . SHD36 | | HLX.S - | | H603 | TS2CC-28 | 36 | 603-1 | CS-603-1 | | HHSVMCB3 | 26 | 311300 P001 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 003 | HIFI LOA 6A . D2S | | HLX.S - | | H603 | TS2CC-28 | 37 | 603-2 | | | HHSVMCB3 | 26 | 311300 P001 | 038 | 3H 3H 3H |
| 019 | HIFI LOA 6A . D2SRT | | HLX.S - | | H603 | TS2CC-28 | 37 | 603-2 | | | HHSVMCB3 | 26 | 311300 P001 | 026 | 3H 3H 3H |
| NC | HIFI LOA 6A . SHD37 | | HLX.S - | | H603 | TS2CC-28 | 37 | 603-2 | CS-603-2 | | HHSVMCB3 | 26 | 311300 P001 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 032 | HIFI LOA 6A . G1S | | HLX.S - | | H603 | TS2CC-28 | 38 | 603-3 | | | HHSVMCB3 | 26 | 311300 P001 | 016 | 3H 3H 3H |
| 018 | HIFI LOA 6A . G1SRT | | HLX.S - | | H603 | TS2CC-28 | 38 | 603-3 | | | HHSVMCB3 | 26 | 311300 P001 | 027 | 3H 3H 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P011
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-08
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 6A . SHD38 | | HLX.S | - | H603 | TS2CC-28 | 38 | 603-3 | | CS-603-3 | HHSVMCB3 | 26 | 311300 P001 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 6A . G2S | | HLX.S | - | H603 | TS2CC-28 | 39 | 603-4 | | | HHSVMCB3 | 26 | 311300 P001 | 015 | 3H 3H 3H |
| 019 | HIFI LOA 6A . G2SRT | | HLX.S | - | H603 | TS2CC-28 | 39 | 603-4 | | | HHSVMCB3 | 26 | 311300 P001 | 008 | 3H 3H 3H |
| NC | HIFI LOA 6A . SHD39 | | HLX.S | - | H603 | TS2CC-28 | 39 | 603-4 | | CS-603-4 | HHSVMCB3 | 26 | 311300 P001 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 6A T . VP | | HLT.S | - | H604 | TS2CC-28 | 46 | 604-1 | | | HHSVMCB3 | 26 | 311300 P001 | 009 | 3H 3H 3H |
| 022 | HIFI LOA 6A T . VN | | HLT.S | - | H604 | TS2CC-28 | 46 | 604-1 | | | HHSVMCB3 | 26 | 311300 P001 | 017 | 3H 3H 3H |
| NC | HIFI LOA 6A T . SHD46 | | HLT.S | - | H604 | TS2CC-28 | 46 | 604-1 | | CS-604-1 | HHSVMCB3 | 26 | 311300 P001 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 6A T . IP | | HLT.S | - | H604 | TS2CC-28 | 47 | 604-2 | | | HHSVMCB3 | 26 | 311300 P001 | 001 | 3H 3H 3H |
| 007 | HIFI LOA 6A T . IN | | HLT.S | - | H604 | TS2CC-28 | 47 | 604-2 | | | HHSVMCB3 | 26 | 311300 P001 | 002 | 3H 3H 3H |
| NC | HIFI LOA 6A T . SHD47 | | HLT.S | - | H604 | TS2CC-28 | 47 | 604-2 | | CS-604-2 | HHSVMCB3 | 26 | 311300 P001 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 6A P . L | | HLP.S | - | H605 | TS2CC-28 | 50 | | | | HHSVMCB3 | 26 | 311300 P001 | 029 | 3H 3H 3H |
| 024 | HIFI LOA 6A P . LRTN | | HLP.S | - | H605 | TS2CC-28 | 50 | | | | HHSVMCB3 | 26 | 311300 P001 | 030 | 3H 3H 3H |
| NC | HIFI LOA 6A P . SHD50 | | HLP.S | - | H605 | TS2CC-28 | 50 | | | CS-H605 | HHSVMCB3 | 26 | 311300 P001 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 6A MS . 1 | | HL3.S | - | H606 | TS2CC-28 | 65 | 606-1 | | | HHSVMCB3 | 26 | 311300 P001 | 058 | 3H 3H 3H |
| 028 | HIFI LOA 6A MS . 1RTN | | HL3.S | - | H606 | TS2CC-28 | 65 | 606-1 | | | HHSVMCB3 | 26 | 311300 P001 | 057 | 3H 3H 3H |
| NC | HIFI LOA 6A MS . SHD65 | | HL3.S | - | H606 | TS2CC-28 | 65 | 606-1 | | CS-606-1 | HHSVMCB3 | 26 | 311300 P001 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 6A MS . 2 | | HL3.S | - | H606 | TS2CC-28 | 66 | 606-2 | | | HHSVMCB3 | 26 | 311300 P001 | 046 | 3H 3H 3H |
| 043 | HIFI LOA 6A MS . 2RTN | | HL3.S | - | H606 | TS2CC-28 | 66 | 606-2 | | | HHSVMCB3 | 26 | 311300 P001 | 047 | 3H 3H 3H |
| NC | HIFI LOA 6A MS . SHD66 | | HL3.S | - | H606 | TS2CC-28 | 66 | 606-2 | | CS-606-2 | HHSVMCB3 | 26 | 311300 P001 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 013 | HIFI LOA 6A MS . 3 | | HL3.S | - | H606 | TS2CC-28 | 67 | 606-3 | | | HHSVMCB3 | 26 | 311300 P001 | 034 | 3H 3H 3H |
| 029 | HIFI LOA 6A MS . 3RTN | | HL3.S | - | H606 | TS2CC-28 | 67 | 606-3 | | | HHSVMCB3 | 26 | 311300 P001 | 033 | 3H 3H 3H |
| NC | HIFI LOA 6A MS . SHD67 | | HL3.S | - | H606 | TS2CC-28 | 67 | 606-3 | | CS-606-3 | HHSVMCB3 | 26 | 311300 P001 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 044 | HIFI LOA 6A MS . 4 | | HL3.S | - | H606 | TS2CC-28 | 68 | 606-4 | | | HHSVMCB3 | 26 | 311300 P001 | 035 | 3H 3H 3H |
| 030 | HIFI LOA 6A MS . 4RTN | | HL3.S | - | H606 | TS2CC-28 | 68 | 606-4 | | | HHSVMCB3 | 26 | 311300 P001 | 024 | 3H 3H 3H |
| NC | HIFI LOA 6A MS . SHD68 | | HL3.S | - | H606 | TS2CC-28 | 68 | 606-4 | | CS-606-4 | HHSVMCB3 | 26 | 311300 P001 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 112100 P011

Function / Bundle: HIFI LCU SIH-XH-08

Conn.-Type: SCC340100202BDBMA44PNMBFO

Item: HHLCU

Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 014 | HIFI LOA 6A MS . 5 | | HL3.S - | | H606 | TS2CC-28 | 69 | 606-5 | | | HHSVMCB3 | 26 | 311300 P001 | 023 | 3H 3H 3H |
| 015 | HIFI LOA 6A MS . 5RTN | | HL3.S - | | H606 | TS2CC-28 | 69 | 606-5 | | | HHSVMCB3 | 26 | 311300 P001 | 014 | 3H 3H 3H |
| NC | HIFI LOA 6A MS . SHD69 | | HL3.S - | | H606 | TS2CC-28 | 69 | 606-5 | CS-606-5 | | HHSVMCB3 | 26 | 311300 P001 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 6A M . 1 | | HL7.S - | | H607 | TS2CC-28 | 75 | 607-1 | | | HHSVMCB3 | 26 | 311300 P001 | 022 | 3H 3H 3H |
| 039 | HIFI LOA 6A M . 1RTN | | HL7.S - | | H607 | TS2CC-28 | 75 | 607-1 | | | HHSVMCB3 | 26 | 311300 P001 | 032 | 3H 3H 3H |
| NC | HIFI LOA 6A M . SHD75 | | HL7.S - | | H607 | TS2CC-28 | 75 | 607-1 | CS-607-1 | | HHSVMCB3 | 26 | 311300 P001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 6A M . 2 | | HL7.S - | | H607 | TS2CC-28 | 76 | 607-2 | | | HHSVMCB3 | 26 | 311300 P001 | 021 | 3H 3H 3H |
| 025 | HIFI LOA 6A M . 2RTN | | HL7.S - | | H607 | TS2CC-28 | 76 | 607-2 | | | HHSVMCB3 | 26 | 311300 P001 | 013 | 3H 3H 3H |
| NC | HIFI LOA 6A M . SHD76 | | HL7.S - | | H607 | TS2CC-28 | 76 | 607-2 | CS-607-2 | | HHSVMCB3 | 26 | 311300 P001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 010 | HIFI LOA 6A M . 3 | | HL7.S - | | H607 | TS2CC-28 | 77 | 607-3 | | | HHSVMCB3 | 26 | 311300 P001 | 006 | 3H 3H 3H |
| 026 | HIFI LOA 6A M . 3RTN | | HL7.S - | | H607 | TS2CC-28 | 77 | 607-3 | | | HHSVMCB3 | 26 | 311300 P001 | 007 | 3H 3H 3H |
| NC | HIFI LOA 6A M . SHD77 | | HL7.S - | | H607 | TS2CC-28 | 77 | 607-3 | CS-607-3 | | HHSVMCB3 | 26 | 311300 P001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 041 | HIFI LOA 6A M . 4 | | HL7.S - | | H607 | TS2CC-28 | 78 | 607-4 | | | HHSVMCB3 | 26 | 311300 P001 | 012 | 3H 3H 3H |
| 040 | HIFI LOA 6A M . 4RTN | | HL7.S - | | H607 | TS2CC-28 | 78 | 607-4 | | | HHSVMCB3 | 26 | 311300 P001 | 005 | 3H 3H 3H |
| NC | HIFI LOA 6A M . SHD78 | | HL7.S - | | H607 | TS2CC-28 | 78 | 607-4 | CS-607-4 | | HHSVMCB3 | 26 | 311300 P001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 011 | HIFI LOA 6A M . 5 | | HL7.S - | | H607 | TS2CC-28 | 79 | 607-5 | | | HHSVMCB3 | 26 | 311300 P001 | 020 | 3H 3H 3H |
| 027 | HIFI LOA 6A M . 5RTN | | HL7.S - | | H607 | TS2CC-28 | 79 | 607-5 | | | HHSVMCB3 | 26 | 311300 P001 | 011 | 3H 3H 3H |
| NC | HIFI LOA 6A M . SHD79 | | HL7.S - | | H607 | TS2CC-28 | 79 | 607-5 | CS-607-5 | | HHSVMCB3 | 26 | 311300 P001 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | Overall Shd con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | 3H |
| - | - | | | | | | | | ;023 ;034 ;035 ;037 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 398 (of 474)

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Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 399 (of 474)

Connector: 112100 P003
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-08

Conn.-Type: SCC340100201BDEMA9PNMBFO
Backshell: CA-04-09

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-------------------------|----------------|---------|------|--------|----------|-----|-------|-------|------------------------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA HEAT M . SIG | | HLH.S - | | H701 | TS2CC-28 | 10 | | | | HHSVMCB3 | 26 | 311300 P001 | 019 | 3H 3H 3H |
| 009 | HIFI LOA HEAT M . RTN | | HLH.S - | | H701 | TS2CC-28 | 10 | | | | HHSVMCB3 | 26 | 311300 P001 | 018 | 3H 3H 3H |
| CH | HIFI LOA HEAT M . SHD10 | | HLH.S - | | H701 | TS2CC-28 | 10 | | | CS-H701 | HHSVMCB3 | 26 | 311300 P001 | 010 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 7 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;002 ;003 ;004 ;005 ;006 ;007 ;008 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 400 (of 474)

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Pin Allocation List

(Harness)

Connector: 311300 P005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 6C D . S11 | | HLD.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHLCU | 16 | 112100 P018 | 001 | 3H 3H 3H |
| 089 | HIFI LOA 6C D . S12 | | HLD.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHLCU | 16 | 112100 P018 | 001 | 3H 3H 3H |
| 090 | HIFI LOA 6C D . S13 | | HLD.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHLCU | 16 | 112100 P018 | 001 | 3H 3H 3H |
| 100 | HIFI LOA 6C D . R11 | | HLD.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHLCU | 16 | 112100 P018 | 016 | 3H 3H 3H |
| 101 | HIFI LOA 6C D . R12 | | HLD.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHLCU | 16 | 112100 P018 | 016 | 3H 3H 3H |
| 079 | HIFI LOA 6C D . R13 | | HLD.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHLCU | 16 | 112100 P018 | 016 | 3H 3H 3H |
| 068 | HIFI LOA 6C D . SHD11 | | HLD.S - | | H621 | TS6CC-22 | 11 | 621-1 | CS-621-1 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 055 | HIFI LOA 6C D . S21 | | HLD.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHLCU | 16 | 112100 P018 | 031 | 3H 3H 3H |
| 056 | HIFI LOA 6C D . S22 | | HLD.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHLCU | 16 | 112100 P018 | 031 | 3H 3H 3H |
| 067 | HIFI LOA 6C D . S23 | | HLD.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHLCU | 16 | 112100 P018 | 031 | 3H 3H 3H |
| 044 | HIFI LOA 6C D . R21 | | HLD.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHLCU | 16 | 112100 P018 | 017 | 3H 3H 3H |
| 045 | HIFI LOA 6C D . R22 | | HLD.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHLCU | 16 | 112100 P018 | 017 | 3H 3H 3H |
| 066 | HIFI LOA 6C D . R23 | | HLD.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHLCU | 16 | 112100 P018 | 017 | 3H 3H 3H |
| 068 | HIFI LOA 6C D . SHD12 | | HLD.S - | | H621 | TS6CC-22 | 12 | 621-2 | CS-621-2 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 097 | HIFI LOA 6C G . 1 | | HLG.S - | | H622 | TS2CC-28 | 21 | 622-1 | | | HHLCU | 16 | 112100 P018 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 6C G . 1RTN | | HLG.S - | | H622 | TS2CC-28 | 21 | 622-1 | | | HHLCU | 16 | 112100 P018 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 6C G . SHD21 | | HLG.S - | | H622 | TS2CC-28 | 21 | 622-1 | CS-622-1 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 6C G . 2 | | HLG.S - | | H622 | TS2CC-28 | 22 | 622-2 | | | HHLCU | 16 | 112100 P018 | 005 | 3H 3H 3H |
| 085 | HIFI LOA 6C G . 2RTN | | HLG.S - | | H622 | TS2CC-28 | 22 | 622-2 | | | HHLCU | 16 | 112100 P018 | 021 | 3H 3H 3H |
| 074 | HIFI LOA 6C G . SHD22 | | HLG.S - | | H622 | TS2CC-28 | 22 | 622-2 | CS-622-2 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 118 | HIFI LOA 6C . D1S | | HLX.S - | | H623 | TS2CC-28 | 31 | 623-1 | | | HHLCU | 16 | 112100 P018 | 002 | 3H 3H 3H |
| 126 | HIFI LOA 6C . D1SRT | | HLX.S - | | H623 | TS2CC-28 | 31 | 623-1 | | | HHLCU | 16 | 112100 P018 | 018 | 3H 3H 3H |
| 109 | HIFI LOA 6C . SHD31 | | HLX.S - | | H623 | TS2CC-28 | 31 | 623-1 | CS-623-1 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 119 | HIFI LOA 6C . D2S | | HLX.S - | | H623 | TS2CC-28 | 32 | 623-2 | | | HHLCU | 16 | 112100 P018 | 003 | 3H 3H 3H |
| 110 | HIFI LOA 6C . D2SRT | | HLX.S - | | H623 | TS2CC-28 | 32 | 623-2 | | | HHLCU | 16 | 112100 P018 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 6C . SHD32 | | HLX.S - | | H623 | TS2CC-28 | 32 | 623-2 | CS-623-2 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 127 | HIFI LOA 6C . G1S | | HLX.S - | | H623 | TS2CC-28 | 33 | 623-3 | | | HHLCU | 16 | 112100 P018 | 032 | 3H 3H 3H |
| 128 | HIFI LOA 6C . G1SRT | | HLX.S - | | H623 | TS2CC-28 | 33 | 623-3 | | | HHLCU | 16 | 112100 P018 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311300 P005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 109 | HIFI LOA 6C . SHD33 | | HLX.S - | | H623 | TS2CC-28 | 33 | 623-3 | | CS-623-3 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 111 | HIFI LOA 6C . G2S | | HLX.S - | | H623 | TS2CC-28 | 34 | 623-4 | | | HHLCU | 16 | 112100 P018 | 033 | 3H 3H 3H |
| 120 | HIFI LOA 6C . G2SRT | | HLX.S - | | H623 | TS2CC-28 | 34 | 623-4 | | | HHLCU | 16 | 112100 P018 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 6C . SHD34 | | HLX.S - | | H623 | TS2CC-28 | 34 | 623-4 | | CS-623-2 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 094 | HIFI LOA 6C T . VP | | HLT.S - | | H624 | TS2CC-28 | 41 | 624-1 | | | HHLCU | 16 | 112100 P018 | 036 | 3H 3H 3H |
| 083 | HIFI LOA 6C T . VN | | HLT.S - | | H624 | TS2CC-28 | 41 | 624-1 | | | HHLCU | 16 | 112100 P018 | 022 | 3H 3H 3H |
| 084 | HIFI LOA 6C T . SHD41 | | HLT.S - | | H624 | TS2CC-28 | 41 | 624-1 | | CS-624-1 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 095 | HIFI LOA 6C T . IP | | HLT.S - | | H624 | TS2CC-28 | 42 | 624-2 | | | HHLCU | 16 | 112100 P018 | 006 | 3H 3H 3H |
| 105 | HIFI LOA 6C T . IN | | HLT.S - | | H624 | TS2CC-28 | 42 | 624-2 | | | HHLCU | 16 | 112100 P018 | 007 | 3H 3H 3H |
| 084 | HIFI LOA 6C T . SHD42 | | HLT.S - | | H624 | TS2CC-28 | 42 | 624-2 | | CS-624-2 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 039 | HIFI LOA 6C P . L | | HLP.S - | | H625 | TS2CC-28 | 51 | | | | HHLCU | 16 | 112100 P018 | 008 | 3H 3H 3H |
| 040 | HIFI LOA 6C P . LRTN | | HLP.S - | | H625 | TS2CC-28 | 51 | | | | HHLCU | 16 | 112100 P018 | 024 | 3H 3H 3H |
| 028 | HIFI LOA 6C P . SHD51 | | HLP.S - | | H625 | TS2CC-28 | 51 | | | CS-H625 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 093 | HIFI LOA 6C MS . 1 | | HL3.S - | | H626 | TS2CC-28 | 61 | 626-1 | | | HHLCU | 16 | 112100 P018 | 012 | 3H 3H 3H |
| 081 | HIFI LOA 6C MS . 1RTN | | HL3.S - | | H626 | TS2CC-28 | 61 | 626-1 | | | HHLCU | 16 | 112100 P018 | 028 | 3H 3H 3H |
| 070 | HIFI LOA 6C MS . SHD61 | | HL3.S - | | H626 | TS2CC-28 | 61 | 626-1 | | CS-626-1 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 091 | HIFI LOA 6C MS . 2 | | HL3.S - | | H626 | TS2CC-28 | 62 | 626-2 | | | HHLCU | 16 | 112100 P018 | 042 | 3H 3H 3H |
| 080 | HIFI LOA 6C MS . 2RTN | | HL3.S - | | H626 | TS2CC-28 | 62 | 626-2 | | | HHLCU | 16 | 112100 P018 | 043 | 3H 3H 3H |
| 070 | HIFI LOA 6C MS . SHD62 | | HL3.S - | | H626 | TS2CC-28 | 62 | 626-2 | | CS-626-2 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 104 | HIFI LOA 6C MS . 3 | | HL3.S - | | H626 | TS2CC-28 | 63 | 626-3 | | | HHLCU | 16 | 112100 P018 | 013 | 3H 3H 3H |
| 092 | HIFI LOA 6C MS . 3RTN | | HL3.S - | | H626 | TS2CC-28 | 63 | 626-3 | | | HHLCU | 16 | 112100 P018 | 029 | 3H 3H 3H |
| 070 | HIFI LOA 6C MS . SHD63 | | HL3.S - | | H626 | TS2CC-28 | 63 | 626-3 | | CS-626-3 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 114 | HIFI LOA 6C MS . 4 | | HL3.S - | | H626 | TS2CC-28 | 64 | 626-4 | | | HHLCU | 16 | 112100 P018 | 044 | 3H 3H 3H |
| 103 | HIFI LOA 6C MS . 4RTN | | HL3.S - | | H626 | TS2CC-28 | 64 | 626-4 | | | HHLCU | 16 | 112100 P018 | 030 | 3H 3H 3H |
| 070 | HIFI LOA 6C MS . SHD64 | | HL3.S - | | H626 | TS2CC-28 | 64 | 626-4 | | CS-626-4 | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311300 P005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 113 | HIFI LOA 6C MS . 5 | | HL3.S - | | H626 | TS2CC-28 | 65 | 626-5 | | | HHLCU | 16 | 112100 P018 | 014 | 3H 3H 3H |
| 121 | HIFI LOA 6C MS . 5RTN | | HL3.S - | | H626 | TS2CC-28 | 65 | 626-5 | | | HHLCU | 16 | 112100 P018 | 015 | 3H 3H 3H |
| 070 | HIFI LOA 6C MS . SHD65 | | HL3.S - | | H626 | TS2CC-28 | 65 | 626-5 | CS-626-5 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 117 | HIFI LOA 6C M . 1 | | HL7.S - | | H627 | TS2CC-28 | 71 | 627-1 | | | HHLCU | 16 | 112100 P018 | 038 | 3H 3H 3H |
| 124 | HIFI LOA 6C M . 1RTN | | HL7.S - | | H627 | TS2CC-28 | 71 | 627-1 | | | HHLCU | 16 | 112100 P018 | 039 | 3H 3H 3H |
| 125 | HIFI LOA 6C M . SHD71 | | HL7.S - | | H627 | TS2CC-28 | 71 | 627-1 | CS-627-1 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 123 | HIFI LOA 6C M . 2 | | HL7.S - | | H627 | TS2CC-28 | 72 | 627-2 | | | HHLCU | 16 | 112100 P018 | 009 | 3H 3H 3H |
| 116 | HIFI LOA 6C M . 2RTN | | HL7.S - | | H627 | TS2CC-28 | 72 | 627-2 | | | HHLCU | 16 | 112100 P018 | 025 | 3H 3H 3H |
| 125 | HIFI LOA 6C M . SHD72 | | HL7.S - | | H627 | TS2CC-28 | 72 | 627-2 | CS-627-2 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 107 | HIFI LOA 6C M . 3 | | HL7.S - | | H627 | TS2CC-28 | 73 | 627-3 | | | HHLCU | 16 | 112100 P018 | 010 | 3H 3H 3H |
| 108 | HIFI LOA 6C M . 3RTN | | HL7.S - | | H627 | TS2CC-28 | 73 | 627-3 | | | HHLCU | 16 | 112100 P018 | 026 | 3H 3H 3H |
| 125 | HIFI LOA 6C M . SHD73 | | HL7.S - | | H627 | TS2CC-28 | 73 | 627-3 | CS-627-3 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 115 | HIFI LOA 6C M . 4 | | HL7.S - | | H627 | TS2CC-28 | 74 | 627-4 | | | HHLCU | 16 | 112100 P018 | 041 | 3H 3H 3H |
| 122 | HIFI LOA 6C M . 4RTN | | HL7.S - | | H627 | TS2CC-28 | 74 | 627-4 | | | HHLCU | 16 | 112100 P018 | 040 | 3H 3H 3H |
| 125 | HIFI LOA 6C M . SHD74 | | HL7.S - | | H627 | TS2CC-28 | 74 | 627-4 | CS-627-4 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 106 | HIFI LOA 6C M . 5 | | HL7.S - | | H627 | TS2CC-28 | 75 | 627-5 | | | HHLCU | 16 | 112100 P018 | 011 | 3H 3H 3H |
| 096 | HIFI LOA 6C M . 5RTN | | HL7.S - | | H627 | TS2CC-28 | 75 | 627-5 | | | HHLCU | 16 | 112100 P018 | 027 | 3H 3H 3H |
| 125 | HIFI LOA 6C M . SHD75 | | HL7.S - | | H627 | TS2CC-28 | 75 | 627-5 | CS-627-5 | | HHLCU | 16 | 112100 P018 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 6D D . S31 | | HLD.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHLCU | 16 | 112100 P020 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 6D D . R31 | | HLD.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHLCU | 16 | 112100 P020 | 016 | 3H 3H 3H |
| 087 | HIFI LOA 6D D . S32 | | HLD.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHLCU | 16 | 112100 P020 | 001 | 3H 3H 3H |
| 076 | HIFI LOA 6D D . R32 | | HLD.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHLCU | 16 | 112100 P020 | 016 | 3H 3H 3H |
| 088 | HIFI LOA 6D D . S33 | | HLD.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHLCU | 16 | 112100 P020 | 001 | 3H 3H 3H |
| 099 | HIFI LOA 6D D . R33 | | HLD.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHLCU | 16 | 112100 P020 | 016 | 3H 3H 3H |
| 077 | HIFI LOA 6D D . SHD15 | | HLD.S - | | H631 | TS6CC-22 | 15 | 631-1 | CS-631-1 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 031 | HIFI LOA 6D D . S41 | | HLD.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHLCU | 16 | 112100 P020 | 031 | 3H 3H 3H |
| 053 | HIFI LOA 6D D . S42 | | HLD.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHLCU | 16 | 112100 P020 | 031 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311300 P005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 054 | HIFI LOA 6D D . S43 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHLCU | 16 | 112100 P020 | 031 | 3H 3H 3H |
| 042 | HIFI LOA 6D D . R41 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHLCU | 16 | 112100 P020 | 017 | 3H 3H 3H |
| 043 | HIFI LOA 6D D . R42 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHLCU | 16 | 112100 P020 | 017 | 3H 3H 3H |
| 065 | HIFI LOA 6D D . R43 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHLCU | 16 | 112100 P020 | 017 | 3H 3H 3H |
| 077 | HIFI LOA 6D D . SHD16 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | CS-631-2 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 063 | HIFI LOA 6D G . 1 | | HL.G.S - | | H632 | TS2CC-28 | 25 | 632-1 | | | HHLCU | 16 | 112100 P020 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 6D G . 1RTN | | HL.G.S - | | H632 | TS2CC-28 | 25 | 632-1 | | | HHLCU | 16 | 112100 P020 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 6D G . SHD25 | | HL.G.S - | | H632 | TS2CC-28 | 25 | 632-1 | CS-632-1 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 6D G . 2 | | HL.G.S - | | H632 | TS2CC-28 | 26 | 632-2 | | | HHLCU | 16 | 112100 P020 | 005 | 3H 3H 3H |
| 052 | HIFI LOA 6D G . 2RTN | | HL.G.S - | | H632 | TS2CC-28 | 26 | 632-2 | | | HHLCU | 16 | 112100 P020 | 021 | 3H 3H 3H |
| 073 | HIFI LOA 6D G . SHD26 | | HL.G.S - | | H632 | TS2CC-28 | 26 | 632-2 | CS-632-2 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 037 | HIFI LOA 6D . D1S | | HLX.S - | | H633 | TS2CC-28 | 36 | 633-1 | | | HHLCU | 16 | 112100 P020 | 002 | 3H 3H 3H |
| 049 | HIFI LOA 6D . D1SRT | | HLX.S - | | H633 | TS2CC-28 | 36 | 633-1 | | | HHLCU | 16 | 112100 P020 | 018 | 3H 3H 3H |
| 025 | HIFI LOA 6D . SHD36 | | HLX.S - | | H633 | TS2CC-28 | 36 | 633-1 | CS-633-1 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 038 | HIFI LOA 6D . D2S | | HLX.S - | | H633 | TS2CC-28 | 37 | 633-2 | | | HHLCU | 16 | 112100 P020 | 003 | 3H 3H 3H |
| 026 | HIFI LOA 6D . D2SRT | | HLX.S - | | H633 | TS2CC-28 | 37 | 633-2 | | | HHLCU | 16 | 112100 P020 | 019 | 3H 3H 3H |
| 025 | HIFI LOA 6D . SHD37 | | HLX.S - | | H633 | TS2CC-28 | 37 | 633-2 | CS-633-2 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 016 | HIFI LOA 6D . G1S | | HLX.S - | | H633 | TS2CC-28 | 38 | 633-3 | | | HHLCU | 16 | 112100 P020 | 032 | 3H 3H 3H |
| 027 | HIFI LOA 6D . G1SRT | | HLX.S - | | H633 | TS2CC-28 | 38 | 633-3 | | | HHLCU | 16 | 112100 P020 | 018 | 3H 3H 3H |
| 025 | HIFI LOA 6D . SHD38 | | HLX.S - | | H633 | TS2CC-28 | 38 | 633-3 | CS-633-3 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 6D . G2S | | HLX.S - | | H633 | TS2CC-28 | 39 | 633-4 | | | HHLCU | 16 | 112100 P020 | 033 | 3H 3H 3H |
| 008 | HIFI LOA 6D . G2SRT | | HLX.S - | | H633 | TS2CC-28 | 39 | 633-4 | | | HHLCU | 16 | 112100 P020 | 019 | 3H 3H 3H |
| 025 | HIFI LOA 6D . SHD39 | | HLX.S - | | H633 | TS2CC-28 | 39 | 633-4 | CS-633-3 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 009 | HIFI LOA 6D T . VP | | HLT.S - | | H634 | TS2CC-28 | 45 | 634-1 | | | HHLCU | 16 | 112100 P020 | 036 | 3H 3H 3H |
| 017 | HIFI LOA 6D T . VN | | HLT.S - | | H634 | TS2CC-28 | 45 | 634-1 | | | HHLCU | 16 | 112100 P020 | 022 | 3H 3H 3H |
| 003 | HIFI LOA 6D T . SHD46 | | HLT.S - | | H634 | TS2CC-28 | 46 | 634-2 | CS-634-1 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311300 P005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6D T . IP | | HLT.S - | | H634 | TS2CC-28 | 47 | 634-2 | | | HHLCU | 16 | 112100 P020 | 006 | 3H 3H 3H |
| 002 | HIFI LOA 6D T . IN | | HLT.S - | | H634 | TS2CC-28 | 47 | 634-2 | | | HHLCU | 16 | 112100 P020 | 007 | 3H 3H 3H |
| 003 | HIFI LOA 6D T . SHD47 | | HLT.S - | | H634 | TS2CC-28 | 47 | 634-2 | CS-634-2 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 029 | HIFI LOA 6D P . L | | HLP.S - | | H635 | TS2CC-28 | 55 | | | | HHLCU | 16 | 112100 P020 | 008 | 3H 3H 3H |
| 030 | HIFI LOA 6D P . LRTN | | HLP.S - | | H635 | TS2CC-28 | 55 | | | | HHLCU | 16 | 112100 P020 | 024 | 3H 3H 3H |
| 041 | HIFI LOA 6D P . SHD55 | | HLP.S - | | H635 | TS2CC-28 | 55 | | CS-H635 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 058 | HIFI LOA 6D MS . 1 | | HL3.S - | | H636 | TS2CC-28 | 81 | 636-1 | | | HHLCU | 16 | 112100 P020 | 012 | 3H 3H 3H |
| 057 | HIFI LOA 6D MS . 1RTN | | HL3.S - | | H636 | TS2CC-28 | 81 | 636-1 | | | HHLCU | 16 | 112100 P020 | 028 | 3H 3H 3H |
| 069 | HIFI LOA 6D MS . SHD81 | | HL3.S - | | H636 | TS2CC-28 | 81 | 636-1 | CS-636-1 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 046 | HIFI LOA 6D MS . 2 | | HL3.S - | | H636 | TS2CC-28 | 82 | 636-2 | | | HHLCU | 16 | 112100 P020 | 042 | 3H 3H 3H |
| 047 | HIFI LOA 6D MS . 2RTN | | HL3.S - | | H636 | TS2CC-28 | 82 | 636-2 | | | HHLCU | 16 | 112100 P020 | 043 | 3H 3H 3H |
| 069 | HIFI LOA 6D MS . SHD82 | | HL3.S - | | H636 | TS2CC-28 | 82 | 636-2 | CS-636-2 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 034 | HIFI LOA 6D MS . 3 | | HL3.S - | | H636 | TS2CC-28 | 83 | 636-3 | | | HHLCU | 16 | 112100 P020 | 013 | 3H 3H 3H |
| 033 | HIFI LOA 6D MS . 3RTN | | HL3.S - | | H636 | TS2CC-28 | 83 | 636-3 | | | HHLCU | 16 | 112100 P020 | 029 | 3H 3H 3H |
| 069 | HIFI LOA 6D MS . SHD83 | | HL3.S - | | H636 | TS2CC-28 | 83 | 636-3 | CS-636-3 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 035 | HIFI LOA 6D MS . 4 | | HL3.S - | | H636 | TS2CC-28 | 84 | 636-4 | | | HHLCU | 16 | 112100 P020 | 044 | 3H 3H 3H |
| 024 | HIFI LOA 6D MS . 4RTN | | HL3.S - | | H636 | TS2CC-28 | 84 | 636-4 | | | HHLCU | 16 | 112100 P020 | 030 | 3H 3H 3H |
| 069 | HIFI LOA 6D MS . SHD84 | | HL3.S - | | H636 | TS2CC-28 | 84 | 636-4 | CS-636-4 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 6D MS . 5 | | HL3.S - | | H636 | TS2CC-28 | 85 | 636-5 | | | HHLCU | 16 | 112100 P020 | 014 | 3H 3H 3H |
| 014 | HIFI LOA 6D MS . 5RTN | | HL3.S - | | H636 | TS2CC-28 | 85 | 636-5 | | | HHLCU | 16 | 112100 P020 | 015 | 3H 3H 3H |
| 069 | HIFI LOA 6D MS . SHD85 | | HL3.S - | | H636 | TS2CC-28 | 85 | 636-5 | CS-636-5 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 022 | HIFI LOA 6D M . 1 | | HL7.S - | | H637 | TS2CC-28 | 91 | 637-1 | | | HHLCU | 16 | 112100 P020 | 038 | 3H 3H 3H |
| 032 | HIFI LOA 6D M . 1RTN | | HL7.S - | | H637 | TS2CC-28 | 91 | 637-1 | | | HHLCU | 16 | 112100 P020 | 039 | 3H 3H 3H |
| 004 | HIFI LOA 6D M . SHD91 | | HL7.S - | | H637 | TS2CC-28 | 91 | 637-1 | CS-637-1 | | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 021 | HIFI LOA 6D M . 2 | | HL7.S - | | H637 | TS2CC-28 | 92 | 637-2 | | | HHLCU | 16 | 112100 P020 | 009 | 3H 3H 3H |
| 013 | HIFI LOA 6D M . 2RTN | | HL7.S - | | H637 | TS2CC-28 | 92 | 637-2 | | | HHLCU | 16 | 112100 P020 | 025 | 3H 3H 3H |

Pin Allocation List (Harness)

Connector: 311300 P005
Item: HHSVMCB3

Function / Bundle: HIFI SVM SIH-XH-09

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|--------|------|--------|----------|-----|-------|-------------------------------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 004 | HIFI LOA 6D M . SHD92 | | HL7.S | - | H637 | TS2CC-28 | 92 | 637-2 | CS-637-2 | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 006 | HIFI LOA 6D M . 3 | | HL7.S | - | H637 | TS2CC-28 | 93 | 637-3 | | HHLCU | 16 | 112100 P020 | 010 | 3H 3H 3H | |
| 007 | HIFI LOA 6D M . 3RTN | | HL7.S | - | H637 | TS2CC-28 | 93 | 637-3 | | HHLCU | 16 | 112100 P020 | 026 | 3H 3H 3H | |
| 004 | HIFI LOA 6D M . SHD93 | | HL7.S | - | H637 | TS2CC-28 | 93 | 637-3 | CS-637-3 | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 012 | HIFI LOA 6D M . 4 | | HL7.S | - | H637 | TS2CC-28 | 94 | 637-4 | | HHLCU | 16 | 112100 P020 | 041 | 3H 3H 3H | |
| 005 | HIFI LOA 6D M . 4RTN | | HL7.S | - | H637 | TS2CC-28 | 94 | 637-4 | | HHLCU | 16 | 112100 P020 | 040 | 3H 3H 3H | |
| 004 | HIFI LOA 6D M . SHD94 | | HL7.S | - | H637 | TS2CC-28 | 94 | 637-4 | CS-637-4 | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 020 | HIFI LOA 6D M . 5 | | HL7.S | - | H637 | TS2CC-28 | 95 | 637-5 | | HHLCU | 16 | 112100 P020 | 011 | 3H 3H 3H | |
| 011 | HIFI LOA 6D M . 5RTN | | HL7.S | - | H637 | TS2CC-28 | 95 | 637-5 | | HHLCU | 16 | 112100 P020 | 027 | 3H 3H 3H | |
| 004 | HIFI LOA 6D M . SHD95 | | HL7.S | - | H637 | TS2CC-28 | 95 | 637-5 | CS-637-5 | HHLCU | 16 | 112100 P020 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | R | |
| - | | | | | | | | | | | | | | R | |
| - | 14 pins are NC | | | | | | | | The following Pins are NC : | | | | | 3H | |
| - | | | | | | | | | ;010 ;018 ;019 ;036 ;048 ;050 | | | | | | |
| - | | | | | | | | | ;059 ;060 ;061 ;071 ;072 ;082 | | | | | | |
| - | | | | | | | | | ;102 ;112 | | | | | | |

Pin Allocation List

(Harness)

Connector: 112100 P018
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-09

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6C D . S11 | | HL.D.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHSVMCB3 | 26 | 311300 P005 | 078 | 3H 3H 3H |
| 001 | HIFI LOA 6C D . S12 | | HL.D.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHSVMCB3 | 26 | 311300 P005 | 089 | 3H 3H 3H |
| 001 | HIFI LOA 6C D . S13 | | HL.D.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHSVMCB3 | 26 | 311300 P005 | 090 | 3H 3H 3H |
| 016 | HIFI LOA 6C D . R11 | | HL.D.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHSVMCB3 | 26 | 311300 P005 | 100 | 3H 3H 3H |
| 016 | HIFI LOA 6C D . R12 | | HL.D.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHSVMCB3 | 26 | 311300 P005 | 101 | 3H 3H 3H |
| 016 | HIFI LOA 6C D . R13 | | HL.D.S - | | H621 | TS6CC-22 | 11 | 621-1 | | | HHSVMCB3 | 26 | 311300 P005 | 079 | 3H 3H 3H |
| NC | HIFI LOA 6C D . SHD11 | | HL.D.S - | | H621 | TS6CC-22 | 11 | 621-1 | CS-621-1 | | HHSVMCB3 | 26 | 311300 P005 | 068 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 031 | HIFI LOA 6C D . S21 | | HL.D.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHSVMCB3 | 26 | 311300 P005 | 055 | 3H 3H 3H |
| 031 | HIFI LOA 6C D . S22 | | HL.D.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHSVMCB3 | 26 | 311300 P005 | 056 | 3H 3H 3H |
| 031 | HIFI LOA 6C D . S23 | | HL.D.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHSVMCB3 | 26 | 311300 P005 | 067 | 3H 3H 3H |
| 017 | HIFI LOA 6C D . R21 | | HL.D.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHSVMCB3 | 26 | 311300 P005 | 044 | 3H 3H 3H |
| 017 | HIFI LOA 6C D . R22 | | HL.D.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHSVMCB3 | 26 | 311300 P005 | 045 | 3H 3H 3H |
| 017 | HIFI LOA 6C D . R23 | | HL.D.S - | | H621 | TS6CC-22 | 12 | 621-2 | | | HHSVMCB3 | 26 | 311300 P005 | 066 | 3H 3H 3H |
| NC | HIFI LOA 6C D . SHD12 | | HL.D.S - | | H621 | TS6CC-22 | 12 | 612-2 | CS-621-2 | | HHSVMCB3 | 26 | 311300 P005 | 068 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 6C G . 1 | | HL.G.S - | | H622 | TS2CC-28 | 21 | 622-1 | | | HHSVMCB3 | 26 | 311300 P005 | 097 | 3H 3H 3H |
| 020 | HIFI LOA 6C G . 1RTN | | HL.G.S - | | H622 | TS2CC-28 | 21 | 622-1 | | | HHSVMCB3 | 26 | 311300 P005 | 098 | 3H 3H 3H |
| NC | HIFI LOA 6C G . SHD21 | | HL.G.S - | | H622 | TS2CC-28 | 21 | 622-1 | CS-622-1 | | HHSVMCB3 | 26 | 311300 P005 | 074 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 005 | HIFI LOA 6C G . 2 | | HL.G.S - | | H622 | TS2CC-28 | 22 | 622-2 | | | HHSVMCB3 | 26 | 311300 P005 | 086 | 3H 3H 3H |
| 021 | HIFI LOA 6C G . 2RTN | | HL.G.S - | | H622 | TS2CC-28 | 22 | 622-2 | | | HHSVMCB3 | 26 | 311300 P005 | 085 | 3H 3H 3H |
| NC | HIFI LOA 6C G . SHD22 | | HL.G.S - | | H622 | TS2CC-28 | 22 | 622-2 | CS-622-2 | | HHSVMCB3 | 26 | 311300 P005 | 074 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 6C . D1S | | HLX.S - | | H623 | TS2CC-28 | 31 | 623-1 | | | HHSVMCB3 | 26 | 311300 P005 | 118 | 3H 3H 3H |
| 018 | HIFI LOA 6C . D1SRT | | HLX.S - | | H623 | TS2CC-28 | 31 | 623-1 | | | HHSVMCB3 | 26 | 311300 P005 | 126 | 3H 3H 3H |
| NC | HIFI LOA 6C . SHD31 | | HLX.S - | | H623 | TS2CC-28 | 31 | 623-1 | CS-623-1 | | HHSVMCB3 | 26 | 311300 P005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 003 | HIFI LOA 6C . D2S | | HLX.S - | | H623 | TS2CC-28 | 32 | 623-2 | | | HHSVMCB3 | 26 | 311300 P005 | 119 | 3H 3H 3H |
| 019 | HIFI LOA 6C . D2SRT | | HLX.S - | | H623 | TS2CC-28 | 32 | 623-2 | | | HHSVMCB3 | 26 | 311300 P005 | 110 | 3H 3H 3H |
| NC | HIFI LOA 6C . SHD32 | | HLX.S - | | H623 | TS2CC-28 | 32 | 623-2 | CS-623-2 | | HHSVMCB3 | 26 | 311300 P005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 032 | HIFI LOA 6C . G1S | | HLX.S - | | H623 | TS2CC-28 | 33 | 623-3 | | | HHSVMCB3 | 26 | 311300 P005 | 127 | 3H 3H 3H |
| 018 | HIFI LOA 6C . G1SRT | | HLX.S - | | H623 | TS2CC-28 | 33 | 623-3 | | | HHSVMCB3 | 26 | 311300 P005 | 128 | 3H 3H 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P018
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-09
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 6C . SHD33 | | HLX.S | - | H623 | TS2CC-28 | 33 | 623-3 | | CS-623-3 | HHSVMCB3 | 26 | 311300 P005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 6C . G2S | | HLX.S | - | H623 | TS2CC-28 | 34 | 623-4 | | | HHSVMCB3 | 26 | 311300 P005 | 111 | 3H 3H 3H |
| 019 | HIFI LOA 6C . G2SRT | | HLX.S | - | H623 | TS2CC-28 | 34 | 623-4 | | | HHSVMCB3 | 26 | 311300 P005 | 120 | 3H 3H 3H |
| NC | HIFI LOA 6C . SHD34 | | HLX.S | - | H623 | TS2CC-28 | 34 | 623-4 | | CS-623-4 | HHSVMCB3 | 26 | 311300 P005 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 6C T . VP | | HLT.S | - | H624 | TS2CC-28 | 41 | 624-1 | | | HHSVMCB3 | 26 | 311300 P005 | 094 | 3H 3H 3H |
| 022 | HIFI LOA 6C T . VN | | HLT.S | - | H624 | TS2CC-28 | 41 | 624-1 | | | HHSVMCB3 | 26 | 311300 P005 | 083 | 3H 3H 3H |
| NC | HIFI LOA 6C T . SHD41 | | HLT.S | - | H624 | TS2CC-28 | 41 | 624-1 | | CS-624-1 | HHSVMCB3 | 26 | 311300 P005 | 084 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 6C T . IP | | HLT.S | - | H624 | TS2CC-28 | 42 | 624-2 | | | HHSVMCB3 | 26 | 311300 P005 | 095 | 3H 3H 3H |
| 007 | HIFI LOA 6C T . IN | | HLT.S | - | H624 | TS2CC-28 | 42 | 624-2 | | | HHSVMCB3 | 26 | 311300 P005 | 105 | 3H 3H 3H |
| NC | HIFI LOA 6C T . SHD42 | | HLT.S | - | H624 | TS2CC-28 | 42 | 624-2 | | CS-624-2 | HHSVMCB3 | 26 | 311300 P005 | 084 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 6C P . L | | HLP.S | - | H625 | TS2CC-28 | 51 | | | | HHSVMCB3 | 26 | 311300 P005 | 039 | 3H 3H 3H |
| 024 | HIFI LOA 6C P . LRTN | | HLP.S | - | H625 | TS2CC-28 | 51 | | | | HHSVMCB3 | 26 | 311300 P005 | 040 | 3H 3H 3H |
| NC | HIFI LOA 6C P . SHD51 | | HLP.S | - | H625 | TS2CC-28 | 51 | | | CS-H625 | HHSVMCB3 | 26 | 311300 P005 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 6C MS . 1 | | HL3.S | - | H626 | TS2CC-28 | 61 | 626-1 | | | HHSVMCB3 | 26 | 311300 P005 | 093 | 3H 3H 3H |
| 028 | HIFI LOA 6C MS . 1RTN | | HL3.S | - | H626 | TS2CC-28 | 61 | 626-1 | | | HHSVMCB3 | 26 | 311300 P005 | 081 | 3H 3H 3H |
| NC | HIFI LOA 6C MS . SHD61 | | HL3.S | - | H626 | TS2CC-28 | 61 | 626-1 | | CS-626-1 | HHSVMCB3 | 26 | 311300 P005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 6C MS . 2 | | HL3.S | - | H626 | TS2CC-28 | 62 | 626-2 | | | HHSVMCB3 | 26 | 311300 P005 | 091 | 3H 3H 3H |
| 043 | HIFI LOA 6C MS . 2RTN | | HL3.S | - | H626 | TS2CC-28 | 62 | 626-2 | | | HHSVMCB3 | 26 | 311300 P005 | 080 | 3H 3H 3H |
| NC | HIFI LOA 6C MS . SHD62 | | HL3.S | - | H626 | TS2CC-28 | 62 | 626-2 | | CS-626-2 | HHSVMCB3 | 26 | 311300 P005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 013 | HIFI LOA 6C MS . 3 | | HL3.S | - | H626 | TS2CC-28 | 63 | 626-3 | | | HHSVMCB3 | 26 | 311300 P005 | 104 | 3H 3H 3H |
| 029 | HIFI LOA 6C MS . 3RTN | | HL3.S | - | H626 | TS2CC-28 | 63 | 626-3 | | | HHSVMCB3 | 26 | 311300 P005 | 092 | 3H 3H 3H |
| NC | HIFI LOA 6C MS . SHD63 | | HL3.S | - | H626 | TS2CC-28 | 63 | 626-3 | | CS-626-3 | HHSVMCB3 | 26 | 311300 P005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 044 | HIFI LOA 6C MS . 4 | | HL3.S | - | H626 | TS2CC-28 | 64 | 626-4 | | | HHSVMCB3 | 26 | 311300 P005 | 114 | 3H 3H 3H |
| 030 | HIFI LOA 6C MS . 4RTN | | HL3.S | - | H626 | TS2CC-28 | 64 | 626-4 | | | HHSVMCB3 | 26 | 311300 P005 | 103 | 3H 3H 3H |
| NC | HIFI LOA 6C MS . SHD64 | | HL3.S | - | H626 | TS2CC-28 | 64 | 626-4 | | CS-626-3 | HHSVMCB3 | 26 | 311300 P005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P018
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-09
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|--------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 014 | HIFI LOA 6C MS . 5 | | HL3.S - | | H626 | TS2CC-28 | 65 | 626-5 | | | HHSVMCB3 | 26 | 311300 P005 | 113 | 3H 3H 3H |
| 015 | HIFI LOA 6C MS . 5RTN | | HL3.S - | | H626 | TS2CC-28 | 65 | 626-5 | | | HHSVMCB3 | 26 | 311300 P005 | 121 | 3H 3H 3H |
| NC | HIFI LOA 6C MS . SHD65 | | HL3.S - | | H626 | TS2CC-28 | 65 | 626-5 | CS-626-5 | | HHSVMCB3 | 26 | 311300 P005 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 6C M . 1 | | HL7.S - | | H627 | TS2CC-28 | 71 | 627-1 | | | HHSVMCB3 | 26 | 311300 P005 | 117 | 3H 3H 3H |
| 039 | HIFI LOA 6C M . 1RTN | | HL7.S - | | H627 | TS2CC-28 | 71 | 627-1 | | | HHSVMCB3 | 26 | 311300 P005 | 124 | 3H 3H 3H |
| NC | HIFI LOA 6C M . SHD71 | | HL7.S - | | H627 | TS2CC-28 | 71 | 627-1 | CS-627-1 | | HHSVMCB3 | 26 | 311300 P005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 6C M . 2 | | HL7.S - | | H627 | TS2CC-28 | 72 | 627-2 | | | HHSVMCB3 | 26 | 311300 P005 | 123 | 3H 3H 3H |
| 025 | HIFI LOA 6C M . 2RTN | | HL7.S - | | H627 | TS2CC-28 | 72 | 627-2 | | | HHSVMCB3 | 26 | 311300 P005 | 116 | 3H 3H 3H |
| NC | HIFI LOA 6C M . SHD72 | | HL7.S - | | H627 | TS2CC-28 | 72 | 627-2 | CS-627-2 | | HHSVMCB3 | 26 | 311300 P005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 010 | HIFI LOA 6C M . 3 | | HL7.S - | | H627 | TS2CC-28 | 73 | 627-3 | | | HHSVMCB3 | 26 | 311300 P005 | 107 | 3H 3H 3H |
| 026 | HIFI LOA 6C M . 3RTN | | HL7.S - | | H627 | TS2CC-28 | 73 | 627-3 | | | HHSVMCB3 | 26 | 311300 P005 | 108 | 3H 3H 3H |
| NC | HIFI LOA 6C M . SHD73 | | HL7.S - | | H627 | TS2CC-28 | 73 | 627-3 | CS-627-3 | | HHSVMCB3 | 26 | 311300 P005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 041 | HIFI LOA 6C M . 4 | | HL7.S - | | H627 | TS2CC-28 | 74 | 627-4 | | | HHSVMCB3 | 26 | 311300 P005 | 115 | 3H 3H 3H |
| 040 | HIFI LOA 6C M . 4RTN | | HL7.S - | | H627 | TS2CC-28 | 74 | 627-4 | | | HHSVMCB3 | 26 | 311300 P005 | 122 | 3H 3H 3H |
| NC | HIFI LOA 6C M . SHD74 | | HL7.S - | | H627 | TS2CC-28 | 74 | 627-4 | CS-627-4 | | HHSVMCB3 | 26 | 311300 P005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 011 | HIFI LOA 6C M . 5 | | HL7.S - | | H627 | TS2CC-28 | 75 | 627-5 | | | HHSVMCB3 | 26 | 311300 P005 | 106 | 3H 3H 3H |
| 027 | HIFI LOA 6C M . 5RTN | | HL7.S - | | H627 | TS2CC-28 | 75 | 627-5 | | | HHSVMCB3 | 26 | 311300 P005 | 096 | 3H 3H 3H |
| NC | HIFI LOA 6C M . SHD75 | | HL7.S - | | H627 | TS2CC-28 | 75 | 627-5 | CS-627-5 | | HHSVMCB3 | 26 | 311300 P005 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 410 (of 474)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P020
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-09
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|-----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6D D . S31 | | HL.D.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHSVMCB3 | 26 | 311300 P005 | 064 | 3H 3H 3H |
| 016 | HIFI LOA 6D D . R31 | | HL.D.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHSVMCB3 | 26 | 311300 P005 | 075 | 3H 3H 3H |
| 001 | HIFI LOA 6D D . S32 | | HL.D.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHSVMCB3 | 26 | 311300 P005 | 087 | 3H 3H 3H |
| 016 | HIFI LOA 6D D . R32 | | HL.D.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHSVMCB3 | 26 | 311300 P005 | 076 | 3H 3H 3H |
| 001 | HIFI LOA 6D D . S33 | | HL.D.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHSVMCB3 | 26 | 311300 P005 | 088 | 3H 3H 3H |
| 016 | HIFI LOA 6D D . R33 | | HL.D.S - | | H631 | TS6CC-22 | 15 | 631-1 | | | HHSVMCB3 | 26 | 311300 P005 | 099 | 3H 3H 3H |
| NC | HIFI LOA 6D D . SHD15 | | HL.D.S - | | H631 | TS6CC-22 | 15 | 631-1 | CS-631-1 | | HHSVMCB3 | 26 | 311300 P005 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 031 | HIFI LOA 6D D . S41 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHSVMCB3 | 26 | 311300 P005 | 031 | 3H 3H 3H |
| 017 | HIFI LOA 6D D . R41 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHSVMCB3 | 26 | 311300 P005 | 042 | 3H 3H 3H |
| 031 | HIFI LOA 6D D . S42 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHSVMCB3 | 26 | 311300 P005 | 053 | 3H 3H 3H |
| 017 | HIFI LOA 6D D . R42 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHSVMCB3 | 26 | 311300 P005 | 043 | 3H 3H 3H |
| 031 | HIFI LOA 6D D . S43 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHSVMCB3 | 26 | 311300 P005 | 054 | 3H 3H 3H |
| 017 | HIFI LOA 6D D . R43 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | | | HHSVMCB3 | 26 | 311300 P005 | 065 | 3H 3H 3H |
| NC | HIFI LOA 6D D . SHD16 | | HL.D.S - | | H631 | TS6CC-22 | 16 | 631-2 | CS-631-2 | | HHSVMCB3 | 26 | 311300 P005 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 6D G . 1 | | HL.G.S - | | H632 | TS2CC-28 | 25 | 632-1 | | | HHSVMCB3 | 26 | 311300 P005 | 063 | 3H 3H 3H |
| 020 | HIFI LOA 6D G . 1RTN | | HL.G.S - | | H632 | TS2CC-28 | 25 | 632-1 | | | HHSVMCB3 | 26 | 311300 P005 | 062 | 3H 3H 3H |
| NC | HIFI LOA 6D G . SHD25 | | HL.G.S - | | H632 | TS2CC-28 | 25 | 632-1 | CS-632-1 | | HHSVMCB3 | 26 | 311300 P005 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 005 | HIFI LOA 6D G . 2 | | HL.G.S - | | H632 | TS2CC-28 | 26 | 632-2 | | | HHSVMCB3 | 26 | 311300 P005 | 051 | 3H 3H 3H |
| 021 | HIFI LOA 6D G . 2RTN | | HL.G.S - | | H632 | TS2CC-28 | 26 | 632-2 | | | HHSVMCB3 | 26 | 311300 P005 | 052 | 3H 3H 3H |
| NC | HIFI LOA 6D G . SHD26 | | HL.G.S - | | H632 | TS2CC-28 | 26 | 632-2 | CS-632-2 | | HHSVMCB3 | 26 | 311300 P005 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 6D . D1S | | HLX.S - | | H633 | TS2CC-28 | 36 | 633-1 | | | HHSVMCB3 | 26 | 311300 P005 | 037 | 3H 3H 3H |
| 018 | HIFI LOA 6D . D1SRT | | HLX.S - | | H633 | TS2CC-28 | 36 | 633-1 | | | HHSVMCB3 | 26 | 311300 P005 | 049 | 3H 3H 3H |
| NC | HIFI LOA 6D . SHD36 | | HLX.S - | | H633 | TS2CC-28 | 36 | 633-1 | CSS-633-1 | | HHSVMCB3 | 26 | 311300 P005 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 003 | HIFI LOA 6D . D2S | | HLX.S - | | H633 | TS2CC-28 | 37 | 633-2 | | | HHSVMCB3 | 26 | 311300 P005 | 038 | 3H 3H 3H |
| 019 | HIFI LOA 6D . D2SRT | | HLX.S - | | H633 | TS2CC-28 | 37 | 633-2 | | | HHSVMCB3 | 26 | 311300 P005 | 026 | 3H 3H 3H |
| NC | HIFI LOA 6D . SHD37 | | HLX.S - | | H633 | TS2CC-28 | 37 | 633-2 | CSS-633-2 | | HHSVMCB3 | 26 | 311300 P005 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 032 | HIFI LOA 6D . G1S | | HLX.S - | | H633 | TS2CC-28 | 38 | 633-3 | | | HHSVMCB3 | 26 | 311300 P005 | 016 | 3H 3H 3H |
| 018 | HIFI LOA 6D . G1SRT | | HLX.S - | | H633 | TS2CC-28 | 38 | 633-3 | | | HHSVMCB3 | 26 | 311300 P005 | 027 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 112100 P020
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-09

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 6D . SHD38 | | HLX.S | - | H633 | TS2CC-28 | 38 | 633-3 | CS-633-3 | HHSVMCB3 | 26 | 311300 P005 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 033 | HIFI LOA 6D . G2S | | HLX.S | - | H633 | TS2CC-28 | 39 | 633-4 | | HHSVMCB3 | 26 | 311300 P005 | 015 | 3H 3H 3H | |
| 019 | HIFI LOA 6D . G2SRT | | HLX.S | - | H633 | TS2CC-28 | 39 | 633-4 | | HHSVMCB3 | 26 | 311300 P005 | 008 | 3H 3H 3H | |
| NC | HIFI LOA 6D . SHD39 | | HLX.S | - | H633 | TS2CC-28 | 39 | 633-4 | CS-633-4 | HHSVMCB3 | 26 | 311300 P005 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 6D T . VP | | HLT.S | - | H634 | TS2CC-28 | 46 | 634-1 | | HHSVMCB3 | 26 | 311300 P005 | 009 | 3H 3H 3H | |
| 022 | HIFI LOA 6D T . VN | | HLT.S | - | H634 | TS2CC-28 | 45 | 634-1 | | HHSVMCB3 | 26 | 311300 P005 | 017 | 3H 3H 3H | |
| NC | HIFI LOA 6D T . SHD46 | | HLT.S | - | H634 | TS2CC-28 | 46 | 634-1 | CS-634-1 | HHSVMCB3 | 26 | 311300 P005 | 003 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 006 | HIFI LOA 6D T . IP | | HLT.S | - | H634 | TS2CC-28 | 47 | 634-2 | | HHSVMCB3 | 26 | 311300 P005 | 001 | 3H 3H 3H | |
| 007 | HIFI LOA 6D T . IN | | HLT.S | - | H634 | TS2CC-28 | 47 | 634-2 | | HHSVMCB3 | 26 | 311300 P005 | 002 | 3H 3H 3H | |
| NC | HIFI LOA 6D T . SHD47 | | HLT.S | - | H634 | TS2CC-28 | 47 | 634-2 | CS-634-2 | HHSVMCB3 | 26 | 311300 P005 | 003 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 6D P . L | | HLP.S | - | H635 | TS2CC-28 | 55 | | | HHSVMCB3 | 26 | 311300 P005 | 029 | 3H 3H 3H | |
| 024 | HIFI LOA 6D P . LRTN | | HLP.S | - | H635 | TS2CC-28 | 55 | | | HHSVMCB3 | 26 | 311300 P005 | 030 | 3H 3H 3H | |
| NC | HIFI LOA 6D P . SHD55 | | HLP.S | - | H635 | TS2CC-28 | 55 | | CS-H635 | HHSVMCB3 | 26 | 311300 P005 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 6D MS . 1 | | HL3.S | - | H636 | TS2CC-28 | 81 | 636-1 | | HHSVMCB3 | 26 | 311300 P005 | 058 | 3H 3H 3H | |
| 028 | HIFI LOA 6D MS . 1RTN | | HL3.S | - | H636 | TS2CC-28 | 81 | 636-1 | | HHSVMCB3 | 26 | 311300 P005 | 057 | 3H 3H 3H | |
| NC | HIFI LOA 6D MS . SHD81 | | HL3.S | - | H636 | TS2CC-28 | 81 | 636-1 | CS-636-1 | HHSVMCB3 | 26 | 311300 P005 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 042 | HIFI LOA 6D MS . 2 | | HL3.S | - | H636 | TS2CC-28 | 82 | 636-2 | | HHSVMCB3 | 26 | 311300 P005 | 046 | 3H 3H 3H | |
| 043 | HIFI LOA 6D MS . 2RTN | | HL3.S | - | H636 | TS2CC-28 | 82 | 636-2 | | HHSVMCB3 | 26 | 311300 P005 | 047 | 3H 3H 3H | |
| NC | HIFI LOA 6D MS . SHD82 | | HL3.S | - | H636 | TS2CC-28 | 82 | 636-2 | CS-636-2 | HHSVMCB3 | 26 | 311300 P005 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 013 | HIFI LOA 6D MS . 3 | | HL3.S | - | H636 | TS2CC-28 | 83 | 636-3 | | HHSVMCB3 | 26 | 311300 P005 | 034 | 3H 3H 3H | |
| 029 | HIFI LOA 6D MS . 3RTN | | HL3.S | - | H636 | TS2CC-28 | 83 | 636-3 | | HHSVMCB3 | 26 | 311300 P005 | 033 | 3H 3H 3H | |
| NC | HIFI LOA 6D MS . SHD83 | | HL3.S | - | H636 | TS2CC-28 | 83 | 636-3 | CS-636-3 | HHSVMCB3 | 26 | 311300 P005 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 044 | HIFI LOA 6D MS . 4 | | HL3.S | - | H636 | TS2CC-28 | 84 | 636-4 | | HHSVMCB3 | 26 | 311300 P005 | 035 | 3H 3H 3H | |
| 030 | HIFI LOA 6D MS . 4RTN | | HL3.S | - | H636 | TS2CC-28 | 84 | 636-4 | | HHSVMCB3 | 26 | 311300 P005 | 024 | 3H 3H 3H | |
| NC | HIFI LOA 6D MS . SHD84 | | HL3.S | - | H636 | TS2CC-28 | 84 | 636-4 | CS-636-4 | HHSVMCB3 | 26 | 311300 P005 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P020
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-09
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 014 | HIFI LOA 6D MS . 5 | | HL3.S - | | H636 | TS2CC-28 | 85 | 636-5 | | | HHSVMCB3 | 26 | 311300 P005 | 023 | 3H 3H 3H |
| 015 | HIFI LOA 6D MS . 5RTN | | HL3.S - | | H636 | TS2CC-28 | 85 | 636-5 | | | HHSVMCB3 | 26 | 311300 P005 | 014 | 3H 3H 3H |
| NC | HIFI LOA 6D MS . SHD85 | | HL3.S - | | H636 | TS2CC-28 | 85 | 636-5 | CS-636-5 | | HHSVMCB3 | 26 | 311300 P005 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 6D M . 1 | | HL7.S - | | H637 | TS2CC-28 | 91 | 637-1 | | | HHSVMCB3 | 26 | 311300 P005 | 022 | 3H 3H 3H |
| 039 | HIFI LOA 6D M . 1RTN | | HL7.S - | | H637 | TS2CC-28 | 91 | 637-1 | | | HHSVMCB3 | 26 | 311300 P005 | 032 | 3H 3H 3H |
| NC | HIFI LOA 6D M . SHD91 | | HL7.S - | | H637 | TS2CC-28 | 91 | 637-1 | CS-637-1 | | HHSVMCB3 | 26 | 311300 P005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 6D M . 2 | | HL7.S - | | H637 | TS2CC-28 | 92 | 637-2 | | | HHSVMCB3 | 26 | 311300 P005 | 021 | 3H 3H 3H |
| 025 | HIFI LOA 6D M . 2RTN | | HL7.S - | | H637 | TS2CC-28 | 92 | 637-2 | | | HHSVMCB3 | 26 | 311300 P005 | 013 | 3H 3H 3H |
| NC | HIFI LOA 6D M . SHD92 | | HL7.S - | | H637 | TS2CC-28 | 92 | 637-2 | CS-637-2 | | HHSVMCB3 | 26 | 311300 P005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 010 | HIFI LOA 6D M . 3 | | HL7.S - | | H637 | TS2CC-28 | 93 | 637-3 | | | HHSVMCB3 | 26 | 311300 P005 | 006 | 3H 3H 3H |
| 026 | HIFI LOA 6D M . 3RTN | | HL7.S - | | H637 | TS2CC-28 | 93 | 637-3 | | | HHSVMCB3 | 26 | 311300 P005 | 007 | 3H 3H 3H |
| NC | HIFI LOA 6D M . SHD93 | | HL7.S - | | H637 | TS2CC-28 | 93 | 637-3 | CS-637-3 | | HHSVMCB3 | 26 | 311300 P005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 041 | HIFI LOA 6D M . 4 | | HL7.S - | | H637 | TS2CC-28 | 94 | 637-4 | | | HHSVMCB3 | 26 | 311300 P005 | 012 | 3H 3H 3H |
| 040 | HIFI LOA 6D M . 4RTN | | HL7.S - | | H637 | TS2CC-28 | 94 | 637-4 | | | HHSVMCB3 | 26 | 311300 P005 | 005 | 3H 3H 3H |
| NC | HIFI LOA 6D M . SHD94 | | HL7.S - | | H637 | TS2CC-28 | 94 | 637-4 | CS-637-4 | | HHSVMCB3 | 26 | 311300 P005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 011 | HIFI LOA 6D M . 5 | | HL7.S - | | H637 | TS2CC-28 | 95 | 637-5 | | | HHSVMCB3 | 26 | 311300 P005 | 020 | 3H 3H 3H |
| 027 | HIFI LOA 6D M . 5RTN | | HL7.S - | | H637 | TS2CC-28 | 95 | 637-5 | | | HHSVMCB3 | 26 | 311300 P005 | 011 | 3H 3H 3H |
| NC | HIFI LOA 6D M . SHD95 | | HL7.S - | | H637 | TS2CC-28 | 95 | 637-5 | CS-637-5 | | HHSVMCB3 | 26 | 311300 P005 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;023 ;034 ;035 ;037 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 414 (of 474)

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Pin Allocation List

(Harness)

Connector: 311200 P006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 1B D . S11 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | | HHLCU | 16 | 112100 P014 | 001 | 3H 3H 3H |
| 089 | HIFI LOA 1B D . S12 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | | HHLCU | 16 | 112100 P014 | 001 | 3H 3H 3H |
| 090 | HIFI LOA 1B D . S13 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | | HHLCU | 16 | 112100 P014 | 001 | 3H 3H 3H |
| 100 | HIFI LOA 1B D . R11 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | | HHLCU | 16 | 112100 P014 | 016 | 3H 3H 3H |
| 101 | HIFI LOA 1B D . R12 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | | HHLCU | 16 | 112100 P014 | 016 | 3H 3H 3H |
| 079 | HIFI LOA 1B D . R13 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | | HHLCU | 16 | 112100 P014 | 016 | 3H 3H 3H |
| 068 | HIFI LOA 1B D . SHD81 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | CS-108-1 | | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 055 | HIFI LOA 1B D . S21 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | | HHLCU | 16 | 112100 P014 | 031 | 3H 3H 3H |
| 056 | HIFI LOA 1B D . S22 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | | HHLCU | 16 | 112100 P014 | 031 | 3H 3H 3H |
| 067 | HIFI LOA 1B D . S23 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | | HHLCU | 16 | 112100 P014 | 031 | 3H 3H 3H |
| 044 | HIFI LOA 1B D . R21 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | | HHLCU | 16 | 112100 P014 | 017 | 3H 3H 3H |
| 045 | HIFI LOA 1B D . R22 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | | HHLCU | 16 | 112100 P014 | 017 | 3H 3H 3H |
| 066 | HIFI LOA 1B D . R23 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | | HHLCU | 16 | 112100 P014 | 017 | 3H 3H 3H |
| 068 | HIFI LOA 1B D . SHD82 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | CS-108-2 | | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 097 | HIFI LOA 1B G . 1 | | HL.G.S - | | H109 | TS2CC-28 | 91 | 109-1 | | | HHLCU | 16 | 112100 P014 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 1B G . 1RTN | | HL.G.S - | | H109 | TS2CC-28 | 91 | 109-1 | | | HHLCU | 16 | 112100 P014 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 1B G . SHD91 | | HL.G.S - | | H109 | TS2CC-28 | 91 | 109-1 | CS-109-1 | | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 1B G . 2 | | HL.G.S - | | H109 | TS2CC-28 | 92 | 109-2 | | | HHLCU | 16 | 112100 P014 | 005 | 3H 3H 3H |
| 085 | HIFI LOA 1B G . 2RTN | | HL.G.S - | | H109 | TS2CC-28 | 92 | 109-2 | | | HHLCU | 16 | 112100 P014 | 021 | 3H 3H 3H |
| 074 | HIFI LOA 1B G . SHD92 | | HL.G.S - | | H109 | TS2CC-28 | 92 | 109-2 | CS-109-2 | | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 118 | HIFI LOA 1B . D1S | | HLX.S - | | H110 | TS2CC-28 | 1 | 110-1 | | | HHLCU | 16 | 112100 P014 | 002 | 3H 3H 3H |
| 126 | HIFI LOA 1B . D1SRT | | HLX.S - | | H110 | TS2CC-28 | 1 | 110-1 | | | HHLCU | 16 | 112100 P014 | 018 | 3H 3H 3H |
| 109 | HIFI LOA 1B . SHD01 | | HLX.S - | | H110 | TS2CC-28 | 1 | 110-1 | CS-110-1 | | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 119 | HIFI LOA 1B . D2S | | HLX.S - | | H110 | TS2CC-28 | 2 | 110-2 | | | HHLCU | 16 | 112100 P014 | 003 | 3H 3H 3H |
| 110 | HIFI LOA 1B . D2SRT | | HLX.S - | | H110 | TS2CC-28 | 2 | 110-2 | | | HHLCU | 16 | 112100 P014 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 1B . SHD02 | | HLX.S - | | H110 | TS2CC-28 | 2 | 110-2 | CS-110-2 | | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 127 | HIFI LOA 1B . G1S | | HLX.S - | | H110 | TS2CC-28 | 3 | 110-3 | | | HHLCU | 16 | 112100 P014 | 032 | 3H 3H 3H |
| 128 | HIFI LOA 1B . G1SRT | | HLX.S - | | H110 | TS2CC-28 | 3 | 110-3 | | | HHLCU | 16 | 112100 P014 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 P006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|--------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 109 | HIFI LOA 1B . SHD03 | | HLX.S - | | H110 | TS2CC-28 | 3 | 110-3 | | CS-110-3 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 111 | HIFI LOA 1B . G2S | | HLX.S - | | H110 | TS2CC-28 | 4 | 110-4 | | | HHLCU | 16 | 112100 P014 | 033 | 3H 3H 3H |
| 120 | HIFI LOA 1B . G2SRT | | HLX.S - | | H110 | TS2CC-28 | 4 | 110-4 | | | HHLCU | 16 | 112100 P014 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 1B . SHD04 | | HLX.S - | | H110 | TS2CC-28 | 4 | 110-4 | | CS-110-4 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 092 | HIFI LOA 1B T . VP | | HLT.S - | | H111 | TS2CC-28 | 11 | H111-1 | | | HHLCU | 16 | 112100 P014 | 036 | 3H 3H 3H |
| 104 | HIFI LOA 1B T . VN | | HLT.S - | | H111 | TS2CC-28 | 11 | H111-1 | | | HHLCU | 16 | 112100 P014 | 022 | 3H 3H 3H |
| 070 | HIFI LOA 1B T . SHD11 | | HLT.S - | | H111 | TS2CC-28 | 11 | H111-1 | | CS-111-1 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 093 | HIFI LOA 1B T . IP | | HLT.S - | | H111 | TS2CC-28 | 12 | H111-2 | | | HHLCU | 16 | 112100 P014 | 006 | 3H 3H 3H |
| 081 | HIFI LOA 1B T . IN | | HLT.S - | | H111 | TS2CC-28 | 12 | H111-2 | | | HHLCU | 16 | 112100 P014 | 007 | 3H 3H 3H |
| 070 | HIFI LOA 1B T . SHD12 | | HLT.S - | | H111 | TS2CC-28 | 12 | H111-2 | | CS-111-2 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 039 | HIFI LOA 1B P . L | | HLP.S - | | H112 | TS2CC-28 | 20 | | | | HHLCU | 16 | 112100 P014 | 008 | 3H 3H 3H |
| 040 | HIFI LOA 1B P . LRTN | | HLP.S - | | H112 | TS2CC-28 | 20 | | | | HHLCU | 16 | 112100 P014 | 024 | 3H 3H 3H |
| 028 | HIFI LOA 1B P . SHD20 | | HLP.S - | | H112 | TS2CC-28 | 20 | | | CS-H112 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 117 | HIFI LOA 1B MS . 1 | | HL1.S - | | H113 | TS2CC-28 | 31 | 113-1 | | | HHLCU | 16 | 112100 P014 | 012 | 3H 3H 3H |
| 124 | HIFI LOA 1B MS . 1RTN | | HL1.S - | | H113 | TS2CC-28 | 31 | 113-1 | | | HHLCU | 16 | 112100 P014 | 028 | 3H 3H 3H |
| 125 | HIFI LOA 1B MS . SHD31 | | HL1.S - | | H113 | TS2CC-28 | 31 | 113-1 | | CS-113-1 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 123 | HIFI LOA 1B MS . 2 | | HL1.S - | | H113 | TS2CC-28 | 32 | 113-2 | | | HHLCU | 16 | 112100 P014 | 042 | 3H 3H 3H |
| 116 | HIFI LOA 1B MS . 2RTN | | HL1.S - | | H113 | TS2CC-28 | 32 | 113-2 | | | HHLCU | 16 | 112100 P014 | 043 | 3H 3H 3H |
| 125 | HIFI LOA 1B MS . SHD32 | | HL1.S - | | H113 | TS2CC-28 | 32 | 113-2 | | CS-113-2 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 1B M . 1 | | HL5.S - | | H114 | TS2CC-28 | 41 | 114-1 | | | HHLCU | 16 | 112100 P014 | 038 | 3H 3H 3H |
| 121 | HIFI LOA 1B M . 1RTN | | HL5.S - | | H114 | TS2CC-28 | 41 | 114-1 | | | HHLCU | 16 | 112100 P014 | 039 | 3H 3H 3H |
| 091 | HIFI LOA 1B M . SHD41 | | HL5.S - | | H114 | TS2CC-28 | 41 | 114-1 | | CS-114-1 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 113 | HIFI LOA 1B M . 2 | | HL5.S - | | H114 | TS2CC-28 | 42 | 114-2 | | | HHLCU | 16 | 112100 P014 | 009 | 3H 3H 3H |
| 102 | HIFI LOA 1B M . 2RTN | | HL5.S - | | H114 | TS2CC-28 | 42 | 114-2 | | | HHLCU | 16 | 112100 P014 | 025 | 3H 3H 3H |
| 091 | HIFI LOA 1B M . SHD42 | | HL5.S - | | H114 | TS2CC-28 | 42 | 114-2 | | CS-114-2 | HHLCU | 16 | 112100 P014 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |

Pin Allocation List

(Harness)

Connector: 311200 P006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 064 | HIFI LOA 2B D . S31 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | | HHLCU | 16 | 112100 P015 | 001 | 3H 3H 3H |
| 087 | HIFI LOA 2B D . S32 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | | HHLCU | 16 | 112100 P015 | 001 | 3H 3H 3H |
| 088 | HIFI LOA 2B D . S33 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | | HHLCU | 16 | 112100 P015 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 2B D . R31 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | | HHLCU | 16 | 112100 P015 | 016 | 3H 3H 3H |
| 076 | HIFI LOA 2B D . R32 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | | HHLCU | 16 | 112100 P015 | 016 | 3H 3H 3H |
| 099 | HIFI LOA 2B D . R33 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | | HHLCU | 16 | 112100 P015 | 016 | 3H 3H 3H |
| 077 | HIFI LOA 2B D . SHD85 | | HL.D.S - | | H208 | TS6CC-22 | 85 | | CS-208-1 | | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 031 | HIFI LOA 2B D . S41 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | | HHLCU | 16 | 112100 P015 | 031 | 3H 3H 3H |
| 053 | HIFI LOA 2B D . S42 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | | HHLCU | 16 | 112100 P015 | 031 | 3H 3H 3H |
| 054 | HIFI LOA 2B D . S43 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | | HHLCU | 16 | 112100 P015 | 031 | 3H 3H 3H |
| 042 | HIFI LOA 2B D . R41 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | | HHLCU | 16 | 112100 P015 | 017 | 3H 3H 3H |
| 043 | HIFI LOA 2B D . R42 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | | HHLCU | 16 | 112100 P015 | 017 | 3H 3H 3H |
| 065 | HIFI LOA 2B D . R43 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | | HHLCU | 16 | 112100 P015 | 017 | 3H 3H 3H |
| 077 | HIFI LOA 2B D . SHD86 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | CS-208-2 | | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 063 | HIFI LOA 2B G . 1 | | HL.G.S - | | H209 | TS2CC-28 | 95 | 209-1 | | | HHLCU | 16 | 112100 P015 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 2B G . 1RTN | | HL.G.S - | | H209 | TS2CC-28 | 95 | 209-1 | | | HHLCU | 16 | 112100 P015 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 2B G . SHD95 | | HL.G.S - | | H209 | TS2CC-28 | 95 | 209-1 | CS-209-1 | | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 2B G . 2 | | HL.G.S - | | H209 | TS2CC-28 | 96 | 209-2 | | | HHLCU | 16 | 112100 P015 | 005 | 3H 3H 3H |
| 052 | HIFI LOA 2B G . 2RTN | | HL.G.S - | | H209 | TS2CC-28 | 96 | 209-2 | | | HHLCU | 16 | 112100 P015 | 021 | 3H 3H 3H |
| 073 | HIFI LOA 2B G . SHD96 | | HL.G.S - | | H209 | TS2CC-28 | 96 | 209-2 | CS-209-2 | | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 037 | HIFI LOA 2B . D1S | | HLX.S - | | H210 | TS2CC-28 | 51 | 210-1 | | | HHLCU | 16 | 112100 P015 | 002 | 3H 3H 3H |
| 049 | HIFI LOA 2B . D1SRT | | HLX.S - | | H210 | TS2CC-28 | 51 | 210-1 | | | HHLCU | 16 | 112100 P015 | 018 | 3H 3H 3H |
| 025 | HIFI LOA 2B . SHD51 | | HLX.S - | | H210 | TS2CC-28 | 51 | 210-1 | CS-210-1 | | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 038 | HIFI LOA 2B . D2S | | HLX.S - | | H210 | TS2CC-28 | 52 | 210-2 | | | HHLCU | 16 | 112100 P015 | 003 | 3H 3H 3H |
| 026 | HIFI LOA 2B . D2SRT | | HLX.S - | | H210 | TS2CC-28 | 52 | 210-2 | | | HHLCU | 16 | 112100 P015 | 019 | 3H 3H 3H |
| 025 | HIFI LOA 2B . SHD52 | | HLX.S - | | H210 | TS2CC-28 | 52 | 210-2 | CS-210-2 | | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 016 | HIFI LOA 2B . G1S | | HLX.S - | | H210 | TS2CC-28 | 53 | 210-3 | | | HHLCU | 16 | 112100 P015 | 032 | 3H 3H 3H |
| 027 | HIFI LOA 2B . G1SRT | | HLX.S - | | H210 | TS2CC-28 | 53 | 210-3 | | | HHLCU | 16 | 112100 P015 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 P006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 025 | HIFI LOA 2B . SHD53 | | HLX.S - | | H210 | TS2CC-28 | 53 | 210-3 | | CS-210-3 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 015 | HIFI LOA 2B . G2S | | HLX.S - | | H210 | TS2CC-28 | 54 | 210-4 | | | HHLCU | 16 | 112100 P015 | 033 | 3H 3H 3H |
| 008 | HIFI LOA 2B . G2SRT | | HLX.S - | | H210 | TS2CC-28 | 54 | 210-4 | | | HHLCU | 16 | 112100 P015 | 019 | 3H 3H 3H |
| 025 | HIFI LOA 2B . SHD54 | | HLX.S - | | H210 | TS2CC-28 | 54 | 210-4 | | CS-210-4 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | NC | | | | | | | | | | | | | | R |
| 009 | HIFI LOA 2B T . VP | | HLT.S - | | H211 | TS2CC-28 | 16 | 211-1 | | | HHLCU | 16 | 112100 P015 | 036 | 3H 3H 3H |
| 017 | HIFI LOA 2B T . VN | | HLT.S - | | H211 | TS2CC-28 | 16 | 211-1 | | | HHLCU | 16 | 112100 P015 | 022 | 3H 3H 3H |
| 003 | HIFI LOA 2B T . SHD16 | | HLT.S - | | H211 | TS2CC-28 | 16 | 211-1 | | CS-211-1 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 001 | HIFI LOA 2B T . IP | | HLT.S - | | H211 | TS2CC-28 | 17 | 211-2 | | | HHLCU | 16 | 112100 P015 | 006 | 3H 3H 3H |
| 002 | HIFI LOA 2B T . IN | | HLT.S - | | H211 | TS2CC-28 | 17 | 211-2 | | | HHLCU | 16 | 112100 P015 | 007 | 3H 3H 3H |
| 003 | HIFI LOA 2B T . SHD17 | | HLT.S - | | H211 | TS2CC-28 | 17 | 211-2 | | CS-211-2 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 029 | HIFI LOA 2B P . L | | HLP.S - | | H212 | TS2CC-28 | 21 | | | | HHLCU | 16 | 112100 P015 | 008 | 3H 3H 3H |
| 030 | HIFI LOA 2B P . LRTN | | HLP.S - | | H212 | TS2CC-28 | 21 | | | | HHLCU | 16 | 112100 P015 | 024 | 3H 3H 3H |
| 041 | HIFI LOA 2B P . SHD21 | | HLP.S - | | H212 | TS2CC-28 | 21 | | | CS-H212 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 058 | HIFI LOA 2B MS . 1 | | HL2.S - | | H213 | TS2CC-28 | 36 | 213-1 | | | HHLCU | 16 | 112100 P015 | 012 | 3H 3H 3H |
| 057 | HIFI LOA 2B MS . 1RTN | | HL2.S - | | H213 | TS2CC-28 | 36 | 213-1 | | | HHLCU | 16 | 112100 P015 | 028 | 3H 3H 3H |
| 069 | HIFI LOA 2B MS . SHD36 | | HL2.S - | | H213 | TS2CC-28 | 36 | 213-1 | | CS-213-1 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 046 | HIFI LOA 2B MS . 2 | | HL2.S - | | H213 | TS2CC-28 | 37 | 213-2 | | | HHLCU | 16 | 112100 P015 | 042 | 3H 3H 3H |
| 047 | HIFI LOA 2B MS . 2RTN | | HL2.S - | | H213 | TS2CC-28 | 37 | 213-2 | | | HHLCU | 16 | 112100 P015 | 043 | 3H 3H 3H |
| 069 | HIFI LOA 2B MS . SHD37 | | HL2.S - | | H213 | TS2CC-28 | 37 | 213-2 | | CS-213-2 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 034 | HIFI LOA 2B MS . 3 | | HL2.S - | | H213 | TS2CC-28 | 38 | 213-3 | | | HHLCU | 16 | 112100 P015 | 013 | 3H 3H 3H |
| 035 | HIFI LOA 2B MS . 3RTN | | HL2.S - | | H213 | TS2CC-28 | 38 | 213-3 | | | HHLCU | 16 | 112100 P015 | 029 | 3H 3H 3H |
| 069 | HIFI LOA 2B MS . SHD38 | | HL2.S - | | H213 | TS2CC-28 | 38 | 213-3 | | CS-213-3 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 032 | HIFI LOA 2B M . 1 | | HL6.S - | | H214 | TS2CC-28 | 45 | 214-1 | | | HHLCU | 16 | 112100 P015 | 038 | 3H 3H 3H |
| 033 | HIFI LOA 2B M . 1RTN | | HL6.S - | | H214 | TS2CC-28 | 45 | 214-1 | | | HHLCU | 16 | 112100 P015 | 039 | 3H 3H 3H |
| 006 | HIFI LOA 2B M . SHD45 | | HL6.S - | | H214 | TS2CC-28 | 45 | 214-1 | | CS-214-1 | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 419 (of 474)

Connector: 311200 P006
Item: HHSVMCB2

Function / Bundle: HIFI SVM SIH-XH-010

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|--|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 023 | HIFI LOA 2B M . 2 | | HL6.S - | | H214 | TS2CC-28 | 46 | 214-2 | | | HHLCU | 16 | 112100 P015 | 009 | 3H 3H 3H |
| 022 | HIFI LOA 2B M . 2RTN | | HL6.S - | | H214 | TS2CC-28 | 46 | 214-2 | | | HHLCU | 16 | 112100 P015 | 025 | 3H 3H 3H |
| 006 | HIFI LOA 2B M . SHD46 | | HL6.S - | | H214 | TS2CC-28 | 46 | 214-2 | CS-214-2 | | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 014 | HIFI LOA 2B M . 3 | | HL6.S - | | H214 | TS2CC-28 | 47 | 214-3 | | | HHLCU | 16 | 112100 P015 | 010 | 3H 3H 3H |
| 007 | HIFI LOA 2B M . 3RTN | | HL6.S - | | H214 | TS2CC-28 | 47 | 214-3 | | | HHLCU | 16 | 112100 P015 | 026 | 3H 3H 3H |
| 006 | HIFI LOA 2B M . SHD47 | | HL6.S - | | H214 | TS2CC-28 | 47 | 214-3 | CS-214-3 | | HHLCU | 16 | 112100 P015 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | R |
| - | | | | | | | | | | | | | | | 3H |
| - | 34 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;004 ;005 ;010 ;011 ;012 ;013 ;018 ;019 ;020 ;021 ;024 ;036 ;048 ;050 ;059 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;103 ;105 ;106 ;107 ;108 ;114 ;115 ;122 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 420 (of 474)

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Pin Allocation List

(Harness)

Connector: 112100 P014
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-10

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 1B D . S11 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 P006 | 078 | 3H 3H 3H | |
| 016 | HIFI LOA 1B D . R11 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 P006 | 100 | 3H 3H 3H | |
| 001 | HIFI LOA 1B D . S12 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 P006 | 089 | 3H 3H 3H | |
| 016 | HIFI LOA 1B D . R12 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 P006 | 101 | 3H 3H 3H | |
| 001 | HIFI LOA 1B D . S13 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 P006 | 090 | 3H 3H 3H | |
| 016 | HIFI LOA 1B D . R13 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | | HHSVMCB2 | 26 | 311200 P006 | 079 | 3H 3H 3H | |
| NC | HIFI LOA 1B D . SHD81 | | HL.D.S - | | H108 | TS6CC-22 | 81 | 108-1 | CS-108-1 | HHSVMCB2 | 26 | 311200 P006 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 031 | HIFI LOA 1B D . S21 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 P006 | 055 | 3H 3H 3H | |
| 017 | HIFI LOA 1B D . R21 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 P006 | 044 | 3H 3H 3H | |
| 031 | HIFI LOA 1B D . S22 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 P006 | 056 | 3H 3H 3H | |
| 017 | HIFI LOA 1B D . R22 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 P006 | 045 | 3H 3H 3H | |
| 031 | HIFI LOA 1B D . S23 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 P006 | 067 | 3H 3H 3H | |
| 017 | HIFI LOA 1B D . R23 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | | HHSVMCB2 | 26 | 311200 P006 | 066 | 3H 3H 3H | |
| NC | HIFI LOA 1B D . SHD82 | | HL.D.S - | | H108 | TS6CC-22 | 82 | 108-2 | CS-108-2 | HHSVMCB2 | 26 | 311200 P006 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 1B G . 1 | | HL.G.S - | | H109 | TS2CC-28 | 91 | 109-1 | | HHSVMCB2 | 26 | 311200 P006 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 1B G . 1RTN | | HL.G.S - | | H109 | TS2CC-28 | 91 | 109-1 | | HHSVMCB2 | 26 | 311200 P006 | 098 | 3H 3H 3H | |
| NC | HIFI LOA 1B G . SHD91 | | HL.G.S - | | H109 | TS2CC-28 | 91 | 109-1 | CS-109-1 | HHSVMCB2 | 26 | 311200 P006 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 005 | HIFI LOA 1B G . 2 | | HL.G.S - | | H109 | TS2CC-28 | 92 | 109-2 | | HHSVMCB2 | 26 | 311200 P006 | 086 | 3H 3H 3H | |
| 021 | HIFI LOA 1B G . 2RTN | | HL.G.S - | | H109 | TS2CC-28 | 92 | 109-2 | | HHSVMCB2 | 26 | 311200 P006 | 085 | 3H 3H 3H | |
| NC | HIFI LOA 1B G . SHD92 | | HL.G.S - | | H109 | TS2CC-28 | 92 | 109-2 | CS-109-2 | HHSVMCB2 | 26 | 311200 P006 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 1B . D1S | | HLX.S - | | H110 | TS2CC-28 | 1 | 110-1 | | HHSVMCB2 | 26 | 311200 P006 | 118 | 3H 3H 3H | |
| 018 | HIFI LOA 1B . D1SRT | | HLX.S - | | H110 | TS2CC-28 | 1 | 110-1 | | HHSVMCB2 | 26 | 311200 P006 | 126 | 3H 3H 3H | |
| NC | HIFI LOA 1B . SHD01 | | HLX.S - | | H110 | TS2CC-28 | 1 | 110-1 | CS-110-1 | HHSVMCB2 | 26 | 311200 P006 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 003 | HIFI LOA 1B . D2S | | HLX.S - | | H110 | TS2CC-28 | 2 | 110-2 | | HHSVMCB2 | 26 | 311200 P006 | 119 | 3H 3H 3H | |
| 019 | HIFI LOA 1B . D2SRT | | HLX.S - | | H110 | TS2CC-28 | 2 | 110-2 | | HHSVMCB2 | 26 | 311200 P006 | 110 | 3H 3H 3H | |
| NC | HIFI LOA 1B . SHD02 | | HLX.S - | | H110 | TS2CC-28 | 2 | 110-2 | CS-110-2 | HHSVMCB2 | 26 | 311200 P006 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 032 | HIFI LOA 1B . G1S | | HLX.S - | | H110 | TS2CC-28 | 3 | 110-3 | | HHSVMCB2 | 26 | 311200 P006 | 127 | 3H 3H 3H | |
| 018 | HIFI LOA 1B . G1SRT | | HLX.S - | | H110 | TS2CC-28 | 3 | 110-3 | | HHSVMCB2 | 26 | 311200 P006 | 128 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 112100 P014
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-10

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|--------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 1B . SHD03 | | HLX.S - | | H110 | TS2CC-28 | 3 | 110-3 | CS-110-3 | HHSVMCB2 | 26 | 311200 P006 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 033 | HIFI LOA 1B . G2S | | HLX.S - | | H110 | TS2CC-28 | 4 | 110-4 | | HHSVMCB2 | 26 | 311200 P006 | 111 | 3H 3H 3H | |
| 019 | HIFI LOA 1B . G2SRT | | HLX.S - | | H110 | TS2CC-28 | 4 | 110-4 | | HHSVMCB2 | 26 | 311200 P006 | 120 | 3H 3H 3H | |
| NC | HIFI LOA 1B . SHD04 | | HLX.S - | | H110 | TS2CC-28 | 4 | 110-4 | CS-110-4 | HHSVMCB2 | 26 | 311200 P006 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 1B T . VP | | HLT.S - | | H111 | TS2CC-28 | 11 | H111-1 | | HHSVMCB2 | 26 | 311200 P006 | 092 | 3H 3H 3H | |
| 022 | HIFI LOA 1B T . VN | | HLT.S - | | H111 | TS2CC-28 | 11 | H111-1 | | HHSVMCB2 | 26 | 311200 P006 | 104 | 3H 3H 3H | |
| NC | HIFI LOA 1B T . SHD11 | | HLT.S - | | H111 | TS2CC-28 | 11 | H111-1 | CS-111-1 | HHSVMCB2 | 26 | 311200 P006 | 070 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 006 | HIFI LOA 1B T . IP | | HLT.S - | | H111 | TS2CC-28 | 12 | H111-2 | | HHSVMCB2 | 26 | 311200 P006 | 093 | 3H 3H 3H | |
| 007 | HIFI LOA 1B T . IN | | HLT.S - | | H111 | TS2CC-28 | 12 | H111-2 | | HHSVMCB2 | 26 | 311200 P006 | 081 | 3H 3H 3H | |
| NC | HIFI LOA 1B T . SHD12 | | HLT.S - | | H111 | TS2CC-28 | 12 | H111-2 | CS-111-2 | HHSVMCB2 | 26 | 311200 P006 | 070 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 1B P . L | | HLP.S - | | H112 | TS2CC-28 | 20 | | | HHSVMCB2 | 26 | 311200 P006 | 039 | 3H 3H 3H | |
| 024 | HIFI LOA 1B P . LRTN | | HLP.S - | | H112 | TS2CC-28 | 20 | | | HHSVMCB2 | 26 | 311200 P006 | 040 | 3H 3H 3H | |
| NC | HIFI LOA 1B P . SHD20 | | HLP.S - | | H112 | TS2CC-28 | 20 | | CS-H112 | HHSVMCB2 | 26 | 311200 P006 | 028 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 1B MS . 1 | | HL1.S - | | H113 | TS2CC-28 | 31 | 113-1 | | HHSVMCB2 | 26 | 311200 P006 | 117 | 3H 3H 3H | |
| 028 | HIFI LOA 1B MS . 1RTN | | HL1.S - | | H113 | TS2CC-28 | 31 | 113-1 | | HHSVMCB2 | 26 | 311200 P006 | 124 | 3H 3H 3H | |
| NC | HIFI LOA 1B MS . SHD31 | | HL1.S - | | H113 | TS2CC-28 | 31 | 113-1 | CS-113-1 | HHSVMCB2 | 26 | 311200 P006 | 125 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 042 | HIFI LOA 1B MS . 2 | | HL1.S - | | H113 | TS2CC-28 | 32 | 113-2 | | HHSVMCB2 | 26 | 311200 P006 | 123 | 3H 3H 3H | |
| 043 | HIFI LOA 1B MS . 2RTN | | HL1.S - | | H113 | TS2CC-28 | 32 | 113-2 | | HHSVMCB2 | 26 | 311200 P006 | 116 | 3H 3H 3H | |
| NC | HIFI LOA 1B MS . SHD32 | | HL1.S - | | H113 | TS2CC-28 | 32 | 113-2 | CS-113-2 | HHSVMCB2 | 26 | 311200 P006 | 125 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 038 | HIFI LOA 1B M . 1 | | HL5.S - | | H114 | TS2CC-28 | 41 | 114-1 | | HHSVMCB2 | 26 | 311200 P006 | 112 | 3H 3H 3H | |
| 039 | HIFI LOA 1B M . 1RTN | | HL5.S - | | H114 | TS2CC-28 | 41 | 114-1 | | HHSVMCB2 | 26 | 311200 P006 | 121 | 3H 3H 3H | |
| NC | HIFI LOA 1B M . SHD41 | | HL5.S - | | H114 | TS2CC-28 | 41 | 114-1 | CS-114-1 | HHSVMCB2 | 26 | 311200 P006 | 091 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 009 | HIFI LOA 1B M . 2 | | HL5.S - | | H114 | TS2CC-28 | 42 | 114-2 | | HHSVMCB2 | 26 | 311200 P006 | 113 | 3H 3H 3H | |
| 025 | HIFI LOA 1B M . 2RTN | | HL5.S - | | H114 | TS2CC-28 | 42 | 114-2 | | HHSVMCB2 | 26 | 311200 P006 | 102 | 3H 3H 3H | |
| NC | HIFI LOA 1B M . SHD42 | | HL5.S - | | H114 | TS2CC-28 | 42 | 114-2 | CS-114-2 | HHSVMCB2 | 26 | 311200 P006 | 091 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 423 (of 474)

Connector: 112100 P014
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-10

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|--------|-----|-------|-------|---|-------------|----------|-----------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 16 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | - | | | | | | | | | ;010 ;011 ;013 ;014 ;015 ;023 ;026 ;027 ;029 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 424 (of 474)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P015
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-10
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 2B D . S31 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | HHSVMCB2 | 26 | 311200 P006 | 064 | 3H 3H 3H | |
| 001 | HIFI LOA 2B D . S32 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | HHSVMCB2 | 26 | 311200 P006 | 087 | 3H 3H 3H | |
| 001 | HIFI LOA 2B D . S33 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | HHSVMCB2 | 26 | 311200 P006 | 088 | 3H 3H 3H | |
| 016 | HIFI LOA 2B D . R31 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | HHSVMCB2 | 26 | 311200 P006 | 075 | 3H 3H 3H | |
| 016 | HIFI LOA 2B D . R32 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | HHSVMCB2 | 26 | 311200 P006 | 076 | 3H 3H 3H | |
| 016 | HIFI LOA 2B D . R33 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | | HHSVMCB2 | 26 | 311200 P006 | 099 | 3H 3H 3H | |
| NC | HIFI LOA 2B D . SHD85 | | HL.D.S - | | H208 | TS6CC-22 | 85 | 208-1 | CS-208-1 | HHSVMCB2 | 26 | 311200 P006 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 031 | HIFI LOA 2B D . S41 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | HHSVMCB2 | 26 | 311200 P006 | 031 | 3H 3H 3H | |
| 031 | HIFI LOA 2B D . S42 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | HHSVMCB2 | 26 | 311200 P006 | 053 | 3H 3H 3H | |
| 031 | HIFI LOA 2B D . S43 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | HHSVMCB2 | 26 | 311200 P006 | 054 | 3H 3H 3H | |
| 017 | HIFI LOA 2B D . R41 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | HHSVMCB2 | 26 | 311200 P006 | 042 | 3H 3H 3H | |
| 017 | HIFI LOA 2B D . R42 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | HHSVMCB2 | 26 | 311200 P006 | 043 | 3H 3H 3H | |
| 017 | HIFI LOA 2B D . R43 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | | HHSVMCB2 | 26 | 311200 P006 | 065 | 3H 3H 3H | |
| NC | HIFI LOA 2B D . SHD86 | | HL.D.S - | | H208 | TS6CC-22 | 86 | 208-2 | CS-208-2 | HHSVMCB2 | 26 | 311200 P006 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 2B G . 1 | | HL.G.S - | | H209 | TS2CC-28 | 95 | 209-1 | | HHSVMCB2 | 26 | 311200 P006 | 063 | 3H 3H 3H | |
| 020 | HIFI LOA 2B G . 1RTN | | HL.G.S - | | H209 | TS2CC-28 | 95 | 209-1 | | HHSVMCB2 | 26 | 311200 P006 | 062 | 3H 3H 3H | |
| NC | HIFI LOA 2B G . SHD95 | | HL.G.S - | | H209 | TS2CC-28 | 95 | 209-1 | CS-209-1 | HHSVMCB2 | 26 | 311200 P006 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 005 | HIFI LOA 2B G . 2 | | HL.G.S - | | H209 | TS2CC-28 | 96 | 209-2 | | HHSVMCB2 | 26 | 311200 P006 | 051 | 3H 3H 3H | |
| 021 | HIFI LOA 2B G . 2RTN | | HL.G.S - | | H209 | TS2CC-28 | 96 | 209-2 | | HHSVMCB2 | 26 | 311200 P006 | 052 | 3H 3H 3H | |
| NC | HIFI LOA 2B G . SHD96 | | HL.G.S - | | H209 | TS2CC-28 | 96 | 209-2 | CS-209-2 | HHSVMCB2 | 26 | 311200 P006 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 2B . D1S | | HLX.S - | | H210 | TS2CC-28 | 51 | 210-1 | | HHSVMCB2 | 26 | 311200 P006 | 037 | 3H 3H 3H | |
| 018 | HIFI LOA 2B . D1SRT | | HLX.S - | | H210 | TS2CC-28 | 51 | 210-1 | | HHSVMCB2 | 26 | 311200 P006 | 049 | 3H 3H 3H | |
| NC | HIFI LOA 2B . SHD51 | | HLX.S - | | H210 | TS2CC-28 | 51 | 210-2 | CS-210-1 | HHSVMCB2 | 26 | 311200 P006 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 003 | HIFI LOA 2B . D2S | | HLX.S - | | H210 | TS2CC-28 | 52 | 210-2 | | HHSVMCB2 | 26 | 311200 P006 | 038 | 3H 3H 3H | |
| 019 | HIFI LOA 2B . D2SRT | | HLX.S - | | H210 | TS2CC-28 | 52 | 210-2 | | HHSVMCB2 | 26 | 311200 P006 | 026 | 3H 3H 3H | |
| NC | HIFI LOA 2B . SHD52 | | HLX.S - | | H210 | TS2CC-28 | 52 | 210-2 | CS-210-2 | HHSVMCB2 | 26 | 311200 P006 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 032 | HIFI LOA 2B . G1S | | HLX.S - | | H210 | TS2CC-28 | 53 | 210-3 | | HHSVMCB2 | 26 | 311200 P006 | 016 | 3H 3H 3H | |
| 018 | HIFI LOA 2B . G1SRT | | HLX.S - | | H210 | TS2CC-28 | 53 | 210-3 | | HHSVMCB2 | 26 | 311200 P006 | 027 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 112100 P015
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-10

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 2B . SHD53 | | HLX.S - | | H210 | TS2CC-28 | 53 | 210-3 | CS-210-3 | HHSVMCB2 | 26 | 311200 P006 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 033 | HIFI LOA 2B . G2S | | HLX.S - | | H210 | TS2CC-28 | 54 | 210-4 | | HHSVMCB2 | 26 | 311200 P006 | 015 | 3H 3H 3H | |
| 019 | HIFI LOA 2B . G2SRT | | HLX.S - | | H210 | TS2CC-28 | 54 | 210-4 | | HHSVMCB2 | 26 | 311200 P006 | 008 | 3H 3H 3H | |
| NC | HIFI LOA 2B . SHD54 | | HLX.S - | | H210 | TS2CC-28 | 54 | 210-4 | CS-210-4 | HHSVMCB2 | 26 | 311200 P006 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 2B T . VP | | HLT.S - | | H211 | TS2CC-28 | 16 | 211-1 | | HHSVMCB2 | 26 | 311200 P006 | 009 | 3H 3H 3H | |
| 022 | HIFI LOA 2B T . VN | | HLT.S - | | H211 | TS2CC-28 | 16 | 211-1 | | HHSVMCB2 | 26 | 311200 P006 | 017 | 3H 3H 3H | |
| NC | HIFI LOA 2B T . SHD16 | | HLT.S - | | H211 | TS2CC-28 | 16 | 211-1 | CS-211-1 | HHSVMCB2 | 26 | 311200 P006 | 003 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 006 | HIFI LOA 2B T . IP | | HLT.S - | | H211 | TS2CC-28 | 17 | 211-2 | | HHSVMCB2 | 26 | 311200 P006 | 001 | 3H 3H 3H | |
| 007 | HIFI LOA 2B T . IN | | HLT.S - | | H211 | TS2CC-28 | 17 | 211-2 | | HHSVMCB2 | 26 | 311200 P006 | 002 | 3H 3H 3H | |
| NC | HIFI LOA 2B T . SHD17 | | HLT.S - | | H211 | TS2CC-28 | 17 | 211-2 | CS-211-2 | HHSVMCB2 | 26 | 311200 P006 | 003 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 2B P . L | | HLP.S - | | H212 | TS2CC-28 | 21 | | | HHSVMCB2 | 26 | 311200 P006 | 029 | 3H 3H 3H | |
| 024 | HIFI LOA 2B P . LRTN | | HLP.S - | | H212 | TS2CC-28 | 21 | | | HHSVMCB2 | 26 | 311200 P006 | 030 | 3H 3H 3H | |
| NC | HIFI LOA 2B P . SHD21 | | HLP.S - | | H212 | TS2CC-28 | 21 | | CS-H212 | HHSVMCB2 | 26 | 311200 P006 | 041 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 2B MS . 1 | | HL2.S - | | H213 | TS2CC-28 | 36 | 213-1 | | HHSVMCB2 | 26 | 311200 P006 | 058 | 3H 3H 3H | |
| 028 | HIFI LOA 2B MS . 1RTN | | HL2.S - | | H213 | TS2CC-28 | 36 | 213-1 | | HHSVMCB2 | 26 | 311200 P006 | 057 | 3H 3H 3H | |
| NC | HIFI LOA 2B MS . SHD36 | | HL2.S - | | H213 | TS2CC-28 | 36 | 213-1 | CS-213-1 | HHSVMCB2 | 26 | 311200 P006 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 042 | HIFI LOA 2B MS . 2 | | HL2.S - | | H213 | TS2CC-28 | 37 | 213-2 | | HHSVMCB2 | 26 | 311200 P006 | 046 | 3H 3H 3H | |
| 043 | HIFI LOA 2B MS . 2RTN | | HL2.S - | | H213 | TS2CC-28 | 37 | 213-2 | | HHSVMCB2 | 26 | 311200 P006 | 047 | 3H 3H 3H | |
| NC | HIFI LOA 2B MS . SHD37 | | HL2.S - | | H213 | TS2CC-28 | 37 | 213-2 | CS-213-2 | HHSVMCB2 | 26 | 311200 P006 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 013 | HIFI LOA 2B MS . 3 | | HL2.S - | | H213 | TS2CC-28 | 38 | 213-3 | | HHSVMCB2 | 26 | 311200 P006 | 034 | 3H 3H 3H | |
| 029 | HIFI LOA 2B MS . 3RTN | | HL2.S - | | H213 | TS2CC-28 | 38 | 213-3 | | HHSVMCB2 | 26 | 311200 P006 | 035 | 3H 3H 3H | |
| NC | HIFI LOA 2B MS . SHD38 | | HL2.S - | | H213 | TS2CC-28 | 38 | 213-3 | CS-213-3 | HHSVMCB2 | 26 | 311200 P006 | 069 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 038 | HIFI LOA 2B M . 1 | | HL6.S - | | H214 | TS2CC-28 | 45 | 214-1 | | HHSVMCB2 | 26 | 311200 P006 | 032 | 3H 3H 3H | |
| 039 | HIFI LOA 2B M . 1RTN | | HL6.S - | | H214 | TS2CC-28 | 45 | 214-1 | | HHSVMCB2 | 26 | 311200 P006 | 033 | 3H 3H 3H | |
| NC | HIFI LOA 2B M . SHD45 | | HL6.S - | | H214 | TS2CC-28 | 45 | 214-1 | CS-214-1 | HHSVMCB2 | 26 | 311200 P006 | 006 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 427 (of 474)

Connector: 112100 P015
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-10

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 009 | HIFI LOA 2B M . 2 | | HL6.S - | | H214 | TS2CC-28 | 46 | 214-2 | | | HHSVMCB2 | 26 | 311200 P006 | 023 | 3H 3H 3H |
| 025 | HIFI LOA 2B M . 2RTN | | HL6.S - | | H214 | TS2CC-28 | 46 | 214-2 | | | HHSVMCB2 | 26 | 311200 P006 | 022 | 3H 3H 3H |
| NC | HIFI LOA 2B M . SHD46 | | HL6.S - | | H214 | TS2CC-28 | 46 | 214-2 | CS-214-2 | | HHSVMCB2 | 26 | 311200 P006 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 2B M . 3 | | HL6.S - | | H214 | TS2CC-28 | 47 | 214-3 | | | HHSVMCB2 | 26 | 311200 P006 | 014 | 3H 3H 3H |
| 026 | HIFI LOA 2B M . 3RTN | | HL6.S - | | H214 | TS2CC-28 | 47 | 214-3 | | | HHSVMCB2 | 26 | 311200 P006 | 007 | 3H 3H 3H |
| NC | HIFI LOA 2B M . SHD47 | | HL6.S - | | H214 | TS2CC-28 | 47 | 214-3 | CS-214-3 | | HHSVMCB2 | 26 | 311200 P006 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 3H |
| - | 12 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;011 ;014 ;015 ;023 ;027 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 428 (of 474)

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Pin Allocation List

(Harness)

Connector: 311200 P008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 3B D . S11 | | HL.D.S - | | H308 | TS6CC-22 | 81 | 308-1 | | HHLCU | 16 | 112100 P016 | 001 | 3H 3H 3H | |
| 100 | HIFI LOA 3B D . R11 | | HL.D.S - | | H308 | TS6CC-22 | 81 | 308-1 | | HHLCU | 16 | 112100 P016 | 016 | 3H 3H 3H | |
| 089 | HIFI LOA 3B D . S12 | | HL.D.S - | | H308 | TS6CC-22 | 81 | 308-1 | | HHLCU | 16 | 112100 P016 | 001 | 3H 3H 3H | |
| 101 | HIFI LOA 3B D . R12 | | HL.D.S - | | H308 | TS6CC-22 | 81 | 308-1 | | HHLCU | 16 | 112100 P016 | 016 | 3H 3H 3H | |
| 090 | HIFI LOA 3B D . S13 | | HL.D.S - | | H308 | TS6CC-22 | 81 | 308-1 | | HHLCU | 16 | 112100 P016 | 001 | 3H 3H 3H | |
| 079 | HIFI LOA 3B D . R13 | | HL.D.S - | | H308 | TS6CC-22 | 81 | 308-1 | | HHLCU | 16 | 112100 P016 | 016 | 3H 3H 3H | |
| 068 | HIFI LOA 3B D . SHD81 | | HL.D.S - | | H308 | TS6CC-22 | 81 | 308-1 | CS-308-1 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 055 | HIFI LOA 3B D . S21 | | HL.D.S - | | H308 | TS6CC-22 | 82 | 308-2 | | HHLCU | 16 | 112100 P016 | 031 | 3H 3H 3H | |
| 044 | HIFI LOA 3B D . R21 | | HL.D.S - | | H308 | TS6CC-22 | 82 | 308-2 | | HHLCU | 16 | 112100 P016 | 017 | 3H 3H 3H | |
| 056 | HIFI LOA 3B D . S22 | | HL.D.S - | | H308 | TS6CC-22 | 82 | 308-2 | | HHLCU | 16 | 112100 P016 | 031 | 3H 3H 3H | |
| 045 | HIFI LOA 3B D . R22 | | HL.D.S - | | H308 | TS6CC-22 | 82 | 308-2 | | HHLCU | 16 | 112100 P016 | 017 | 3H 3H 3H | |
| 067 | HIFI LOA 3B D . S23 | | HL.D.S - | | H308 | TS6CC-22 | 82 | 308-2 | | HHLCU | 16 | 112100 P016 | 031 | 3H 3H 3H | |
| 066 | HIFI LOA 3B D . R23 | | HL.D.S - | | H308 | TS6CC-22 | 82 | 308-2 | | HHLCU | 16 | 112100 P016 | 017 | 3H 3H 3H | |
| 068 | HIFI LOA 3B D . SHD82 | | HL.D.S - | | H308 | TS6CC-22 | 82 | 308-2 | CS-308-2 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 097 | HIFI LOA 3B G . 1 | | HL.G.S - | | H309 | TS2CC-28 | 91 | 309-1 | | HHLCU | 16 | 112100 P016 | 004 | 3H 3H 3H | |
| 098 | HIFI LOA 3B G . 1RTN | | HL.G.S - | | H309 | TS2CC-28 | 91 | 309-1 | | HHLCU | 16 | 112100 P016 | 020 | 3H 3H 3H | |
| 074 | HIFI LOA 3B G . SHD91 | | HL.G.S - | | H309 | TS2CC-28 | 91 | 309-1 | CS-309-1 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 086 | HIFI LOA 3B G . 2 | | HL.G.S - | | H309 | TS2CC-28 | 92 | 309-2 | | HHLCU | 16 | 112100 P016 | 005 | 3H 3H 3H | |
| 085 | HIFI LOA 3B G . 2RTN | | HL.G.S - | | H309 | TS2CC-28 | 92 | 309-2 | | HHLCU | 16 | 112100 P016 | 021 | 3H 3H 3H | |
| 074 | HIFI LOA 3B G . SHD92 | | HL.G.S - | | H309 | TS2CC-28 | 92 | 309-2 | CS-309-2 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 118 | HIFI LOA 3B . D1S | | HLX.S - | | H310 | TS2CC-28 | 1 | 310-1 | | HHLCU | 16 | 112100 P016 | 002 | 3H 3H 3H | |
| 126 | HIFI LOA 3B . D1SRT | | HLX.S - | | H310 | TS2CC-28 | 1 | 310-1 | | HHLCU | 16 | 112100 P016 | 018 | 3H 3H 3H | |
| 109 | HIFI LOA 3B . SHD01 | | HLX.S - | | H310 | TS2CC-28 | 1 | 310-1 | CS-310-1 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 119 | HIFI LOA 3B . D2S | | HLX.S - | | H310 | TS2CC-28 | 2 | 310-2 | | HHLCU | 16 | 112100 P016 | 003 | 3H 3H 3H | |
| 110 | HIFI LOA 3B . D2SRT | | HLX.S - | | H310 | TS2CC-28 | 2 | 310-2 | | HHLCU | 16 | 112100 P016 | 019 | 3H 3H 3H | |
| 109 | HIFI LOA 3B . SHD02 | | HLX.S - | | H310 | TS2CC-28 | 2 | 310-2 | CS-310-2 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 127 | HIFI LOA 3B . G1S | | HLX.S - | | H310 | TS2CC-28 | 3 | 310-3 | | HHLCU | 16 | 112100 P016 | 032 | 3H 3H 3H | |
| 128 | HIFI LOA 3B . G1SRT | | HLX.S - | | H310 | TS2CC-28 | 3 | 310-3 | | HHLCU | 16 | 112100 P016 | 018 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 311200 P008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 109 | HIFI LOA 3B . SHD03 | | HLX.S - | | H310 | TS2CC-28 | 3 | 310-3 | CS-310-3 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 111 | HIFI LOA 3B . G2S | | HLX.S - | | H310 | TS2CC-28 | 4 | 310-4 | | HHLCU | 16 | 112100 P016 | 033 | 3H 3H 3H | |
| 120 | HIFI LOA 3B . G2SRT | | HLX.S - | | H310 | TS2CC-28 | 4 | 310-4 | | HHLCU | 16 | 112100 P016 | 019 | 3H 3H 3H | |
| 109 | HIFI LOA 3B . SHD04 | | HLX.S - | | H310 | TS2CC-28 | 4 | 310-4 | CS-310-4 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 092 | HIFI LOA 3B T . VP | | HLT.S - | | H311 | TS2CC-28 | 11 | 311-1 | | HHLCU | 16 | 112100 P016 | 036 | 3H 3H 3H | |
| 104 | HIFI LOA 3B T . VN | | HLT.S - | | H311 | TS2CC-28 | 11 | 311-1 | | HHLCU | 16 | 112100 P016 | 022 | 3H 3H 3H | |
| 070 | HIFI LOA 3B T . SHD11 | | HLT.S - | | H311 | TS2CC-28 | 11 | 311-1 | CS-311-1 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 093 | HIFI LOA 3B T . IP | | HLT.S - | | H311 | TS2CC-28 | 12 | 311-2 | | HHLCU | 16 | 112100 P016 | 006 | 3H 3H 3H | |
| 081 | HIFI LOA 3B T . IN | | HLT.S - | | H311 | TS2CC-28 | 12 | 311-2 | | HHLCU | 16 | 112100 P016 | 007 | 3H 3H 3H | |
| 070 | HIFI LOA 3B T . SHD12 | | HLT.S - | | H311 | TS2CC-28 | 12 | 311-2 | CS-311-2 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 039 | HIFI LOA 3B P . L | | HLP.S - | | H312 | TS2CC-28 | 20 | | | HHLCU | 16 | 112100 P016 | 008 | 3H 3H 3H | |
| 040 | HIFI LOA 3B P . LRTN | | HLP.S - | | H312 | TS2CC-28 | 20 | | | HHLCU | 16 | 112100 P016 | 024 | 3H 3H 3H | |
| 028 | HIFI LOA 3B P . SHD20 | | HLP.S - | | H312 | TS2CC-28 | 20 | | CS-H312 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 117 | HIFI LOA 3B MS . 1 | | HL2.S - | | H313 | TS2CC-28 | 31 | 313-1 | | HHLCU | 16 | 112100 P016 | 012 | 3H 3H 3H | |
| 124 | HIFI LOA 3B MS . 1RTN | | HL2.S - | | H313 | TS2CC-28 | 31 | 313-1 | | HHLCU | 16 | 112100 P016 | 028 | 3H 3H 3H | |
| 125 | HIFI LOA 3B MS . SHD31 | | HL2.S - | | H313 | TS2CC-28 | 31 | 313-1 | CS-313-1 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 123 | HIFI LOA 3B MS . 2 | | HL2.S - | | H313 | TS2CC-28 | 32 | 313-2 | | HHLCU | 16 | 112100 P016 | 042 | 3H 3H 3H | |
| 116 | HIFI LOA 3B MS . 2RTN | | HL2.S - | | H313 | TS2CC-28 | 32 | 313-2 | | HHLCU | 16 | 112100 P016 | 043 | 3H 3H 3H | |
| 125 | HIFI LOA 3B MS . SHD32 | | HL2.S - | | H313 | TS2CC-28 | 32 | 313-2 | CS-313-2 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 107 | HIFI LOA 3B MS . 3 | | HL2.S - | | H313 | TS2CC-28 | 33 | 313-3 | | HHLCU | 16 | 112100 P016 | 013 | 3H 3H 3H | |
| 122 | HIFI LOA 3B MS . 3RTN | | HL2.S - | | H313 | TS2CC-28 | 33 | 313-3 | | HHLCU | 16 | 112100 P016 | 029 | 3H 3H 3H | |
| 125 | HIFI LOA 3B MS . SHD33 | | HL2.S - | | H313 | TS2CC-28 | 33 | 313-3 | CS-313-3 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 112 | HIFI LOA 3B M . 1 | | HL6.S - | | H314 | TS2CC-28 | 41 | 314-1 | | HHLCU | 16 | 112100 P016 | 038 | 3H 3H 3H | |
| 121 | HIFI LOA 3B M . 1RTN | | HL6.S - | | H314 | TS2CC-28 | 41 | 314-1 | | HHLCU | 16 | 112100 P016 | 039 | 3H 3H 3H | |
| 091 | HIFI LOA 3B M . SHD41 | | HL6.S - | | H314 | TS2CC-28 | 41 | 314-1 | CS-314-1 | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Pin Allocation List

(Harness)

Connector: 311200 P008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 113 | HIFI LOA 3B M . 2 | | HL6.S - | | H314 | TS2CC-28 | 42 | 314-2 | | | HHLCU | 16 | 112100 P016 | 009 | 3H 3H 3H |
| 102 | HIFI LOA 3B M . 2RTN | | HL6.S - | | H314 | TS2CC-28 | 42 | 314-2 | | | HHLCU | 16 | 112100 P016 | 025 | 3H 3H 3H |
| 091 | HIFI LOA 3B M . SHD42 | | HL6.S - | | H314 | TS2CC-28 | 42 | 314-2 | CS-314-2 | | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 103 | HIFI LOA 3B M . 3 | | HL6.S - | | H314 | TS2CC-28 | 43 | 314-3 | | | HHLCU | 16 | 112100 P016 | 010 | 3H 3H 3H |
| 114 | HIFI LOA 3B M . 3RTN | | HL6.S - | | H314 | TS2CC-28 | 43 | 314-3 | | | HHLCU | 16 | 112100 P016 | 026 | 3H 3H 3H |
| 091 | HIFI LOA 3B M . SHD43 | | HL6.S - | | H314 | TS2CC-28 | 43 | 314-3 | CS-314-3 | | HHLCU | 16 | 112100 P016 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 4B D . S31 | | HLD.S - | | H408 | TS6CC-22 | 85 | 408-1 | | | HHLCU | 16 | 112100 P017 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 4B D . R31 | | HLD.S - | | H408 | TS6CC-22 | 85 | 408-1 | | | HHLCU | 16 | 112100 P017 | 016 | 3H 3H 3H |
| 087 | HIFI LOA 4B D . S32 | | HLD.S - | | H408 | TS6CC-22 | 85 | 408-1 | | | HHLCU | 16 | 112100 P017 | 001 | 3H 3H 3H |
| 076 | HIFI LOA 4B D . R32 | | HLD.S - | | H408 | TS6CC-22 | 85 | 408-1 | | | HHLCU | 16 | 112100 P017 | 016 | 3H 3H 3H |
| 088 | HIFI LOA 4B D . S33 | | HLD.S - | | H408 | TS6CC-22 | 85 | 408-1 | | | HHLCU | 16 | 112100 P017 | 001 | 3H 3H 3H |
| 099 | HIFI LOA 4B D . R33 | | HLD.S - | | H408 | TS6CC-22 | 85 | 408-1 | | | HHLCU | 16 | 112100 P017 | 016 | 3H 3H 3H |
| 077 | HIFI LOA 4B D . SHD85 | | HLD.S - | | H408 | TS6CC-22 | 85 | 408-1 | CS-408-1 | | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 031 | HIFI LOA 4B D . S41 | | HLD.S - | | H408 | TS6CC-22 | 86 | 408-2 | | | HHLCU | 16 | 112100 P017 | 031 | 3H 3H 3H |
| 042 | HIFI LOA 4B D . R41 | | HLD.S - | | H408 | TS6CC-22 | 86 | 408-2 | | | HHLCU | 16 | 112100 P017 | 017 | 3H 3H 3H |
| 053 | HIFI LOA 4B D . S42 | | HLD.S - | | H408 | TS6CC-22 | 86 | 408-2 | | | HHLCU | 16 | 112100 P017 | 031 | 3H 3H 3H |
| 043 | HIFI LOA 4B D . R42 | | HLD.S - | | H408 | TS6CC-22 | 86 | 408-2 | | | HHLCU | 16 | 112100 P017 | 017 | 3H 3H 3H |
| 054 | HIFI LOA 4B D . S43 | | HLD.S - | | H408 | TS6CC-22 | 86 | 408-2 | | | HHLCU | 16 | 112100 P017 | 031 | 3H 3H 3H |
| 065 | HIFI LOA 4B D . R43 | | HLD.S - | | H408 | TS6CC-22 | 86 | 408-2 | | | HHLCU | 16 | 112100 P017 | 017 | 3H 3H 3H |
| 077 | HIFI LOA 4B D . SHD86 | | HLD.S - | | H408 | TS6CC-22 | 86 | 408-2 | CS-408-2 | | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 063 | HIFI LOA 4B G . 1 | | HLG.S - | | H409 | TS2CC-28 | 95 | 409-1 | | | HHLCU | 16 | 112100 P017 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 4B G . 1RTN | | HLG.S - | | H409 | TS2CC-28 | 95 | 409-1 | | | HHLCU | 16 | 112100 P017 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 4B G . SHD95 | | HLG.S - | | H409 | TS2CC-28 | 95 | 409-1 | CS-409-1 | | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 4B G . 2 | | HLG.S - | | H409 | TS2CC-28 | 96 | 409-2 | | | HHLCU | 16 | 112100 P017 | 005 | 3H 3H 3H |
| 052 | HIFI LOA 4B G . 2RTN | | HLG.S - | | H409 | TS2CC-28 | 96 | 409-2 | | | HHLCU | 16 | 112100 P017 | 021 | 3H 3H 3H |
| 073 | HIFI LOA 4B G . SHD96 | | HLG.S - | | H409 | TS2CC-28 | 96 | 409-2 | CS-409-2 | | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 037 | HIFI LOA 4B . D1S | | HLX.S - | | H410 | TS2CC-28 | 16 | 410-1 | | | HHLCU | 16 | 112100 P017 | 002 | 3H 3H 3H |
| 049 | HIFI LOA 4B . D1SRT | | HLX.S - | | H410 | TS2CC-28 | 16 | 410-1 | | | HHLCU | 16 | 112100 P017 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311200 P008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 025 | HIFI LOA 4B . SHD16 | | HLX.S | - | H410 | TS2CC-28 | 16 | 410-1 | CS-410-1 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 038 | HIFI LOA 4B . D2S | | HLX.S | - | H410 | TS2CC-28 | 17 | 410-1 | | HHLCU | 16 | 112100 P017 | 003 | 3H 3H 3H | |
| 026 | HIFI LOA 4B . D2SRT | | HLX.S | - | H410 | TS2CC-28 | 17 | 410-1 | | HHLCU | 16 | 112100 P017 | 019 | 3H 3H 3H | |
| 025 | HIFI LOA 4B . SHD17 | | HLX.S | - | H410 | TS2CC-28 | 17 | 410-2 | CS-410-2 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 016 | HIFI LOA 4B . G1S | | HLX.S | - | H410 | TS2CC-28 | 18 | 410-3 | | HHLCU | 16 | 112100 P017 | 032 | 3H 3H 3H | |
| 027 | HIFI LOA 4B . G1SRT | | HLX.S | - | H410 | TS2CC-28 | 18 | 410-3 | | HHLCU | 16 | 112100 P017 | 018 | 3H 3H 3H | |
| 025 | HIFI LOA 4B . SHD18 | | HLX.S | - | H410 | TS2CC-28 | 18 | 410-3 | CS-410-3 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 015 | HIFI LOA 4B . G2S | | HLX.S | - | H410 | TS2CC-28 | 19 | 410-4 | | HHLCU | 16 | 112100 P017 | 033 | 3H 3H 3H | |
| 008 | HIFI LOA 4B . G2SRT | | HLX.S | - | H410 | TS2CC-28 | 19 | 410-4 | | HHLCU | 16 | 112100 P017 | 019 | 3H 3H 3H | |
| 025 | HIFI LOA 4B . SHD19 | | HLX.S | - | H410 | TS2CC-28 | 19 | 410-4 | CS-410-4 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 009 | HIFI LOA 4B T . VP | | HLT.S | - | H411 | TS2CC-28 | 51 | 411-1 | | HHLCU | 16 | 112100 P017 | 036 | 3H 3H 3H | |
| 017 | HIFI LOA 4B T . VN | | HLT.S | - | H411 | TS2CC-28 | 51 | 411-1 | | HHLCU | 16 | 112100 P017 | 022 | 3H 3H 3H | |
| 003 | HIFI LOA 4B T . SHD51 | | HLT.S | - | H411 | TS2CC-28 | 51 | 411-1 | CS-411-1 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 001 | HIFI LOA 4B T . IP | | HLT.S | - | H411 | TS2CC-28 | 52 | 411-2 | | HHLCU | 16 | 112100 P017 | 006 | 3H 3H 3H | |
| 002 | HIFI LOA 4B T . IN | | HLT.S | - | H411 | TS2CC-28 | 52 | 411-2 | | HHLCU | 16 | 112100 P017 | 007 | 3H 3H 3H | |
| 003 | HIFI LOA 4B T . SHD52 | | HLT.S | - | H411 | TS2CC-28 | 52 | 411-2 | CS-411-2 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 029 | HIFI LOA 4B P . L | | HLP.S | - | H412 | TS2CC-28 | 21 | | | HHLCU | 16 | 112100 P017 | 008 | 3H 3H 3H | |
| 030 | HIFI LOA 4B P . LRTN | | HLP.S | - | H412 | TS2CC-28 | 21 | | | HHLCU | 16 | 112100 P017 | 024 | 3H 3H 3H | |
| 041 | HIFI LOA 4B P . SHD21 | | HLP.S | - | H412 | TS2CC-28 | 21 | | CS-H412 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 058 | HIFI LOA 4B MS . 1 | | HL2.S | - | H413 | TS2CC-28 | 36 | 413-1 | | HHLCU | 16 | 112100 P017 | 012 | 3H 3H 3H | |
| 057 | HIFI LOA 4B MS . 1RTN | | HL2.S | - | H413 | TS2CC-28 | 36 | 413-1 | | HHLCU | 16 | 112100 P017 | 028 | 3H 3H 3H | |
| 069 | HIFI LOA 4B MS . SHD36 | | HL2.S | - | H413 | TS2CC-28 | 36 | 413-1 | CS-413-1 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 046 | HIFI LOA 4B MS . 2 | | HL2.S | - | H413 | TS2CC-28 | 37 | 413-2 | | HHLCU | 16 | 112100 P017 | 042 | 3H 3H 3H | |
| 047 | HIFI LOA 4B MS . 2RTN | | HL2.S | - | H413 | TS2CC-28 | 37 | 413-2 | | HHLCU | 16 | 112100 P017 | 043 | 3H 3H 3H | |
| 069 | HIFI LOA 4B MS . SHD37 | | HL2.S | - | H413 | TS2CC-28 | 37 | 413-2 | CS-413-2 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |

Pin Allocation List (Harness)

Connector: 311200 P008
Item: HHSVMCB2

Function / Bundle: HIFI SVM HIFI LOU SIH-XH-11

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|---|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 034 | HIFI LOA 4B MS . 3 | | HL2.S - | | H413 | TS2CC-28 | 38 | 4133 | | HHLCU | 16 | 112100 P017 | 013 | 3H 3H 3H | |
| 035 | HIFI LOA 4B MS . 3RTN | | HL2.S - | | H413 | TS2CC-28 | 38 | 413-3 | | HHLCU | 16 | 112100 P017 | 029 | 3H 3H 3H | |
| 069 | HIFI LOA 4B MS . SHD38 | | HL2.S - | | H413 | TS2CC-28 | 38 | 413-3 | CS-413-3 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 032 | HIFI LOA 4B M . 1 | | HL6.S - | | H414 | TS2CC-28 | 45 | 414-1 | | HHLCU | 16 | 112100 P017 | 038 | 3H 3H 3H | |
| 033 | HIFI LOA 4B M . 1RTN | | HL6.S - | | H414 | TS2CC-28 | 45 | 414-1 | | HHLCU | 16 | 112100 P017 | 039 | 3H 3H 3H | |
| 006 | HIFI LOA 4B M . SHD45 | | HL6.S - | | H414 | TS2CC-28 | 45 | 414-1 | CS-414-1 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 023 | HIFI LOA 4B M . 2 | | HL6.S - | | H414 | TS2CC-28 | 46 | 414-2 | | HHLCU | 16 | 112100 P017 | 009 | 3H 3H 3H | |
| 022 | HIFI LOA 4B M . 2RTN | | HL6.S - | | H414 | TS2CC-28 | 46 | 414-2 | | HHLCU | 16 | 112100 P017 | 025 | 3H 3H 3H | |
| 006 | HIFI LOA 4B M . SHD46 | | HL6.S - | | H414 | TS2CC-28 | 46 | 414-2 | CS-414-2 | HHLCU | 16 | 112100 P017 | | 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 014 | HIFI LOA 4B M . 3 | | HL6.S - | | H414 | TS2CC-28 | 47 | 414-3 | | HHLCU | 16 | 112100 P017 | 010 | 3H 3H 3H | |
| 007 | HIFI LOA 4B M . 3RTN | | HL6.S - | | H414 | TS2CC-28 | 47 | 414-3 | | HHLCU | 16 | 112100 P017 | 026 | 3H 3H 3H | |
| 006 | HIFI LOA 4B M . SHD47 | | HL6.S - | | H414 | TS2CC-28 | 47 | 414-3 | CS-414-3 | HHLCU | 16 | 112100 P017 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| CH | Overall Shield | | | | | | | | Overall Shieldd con to CH | | | | | R | |
| - | | | | | | | | | | | | | | 3H | |
| - | 30 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;004 ;005 ;010 ;011 ;012 ;013 ;018 ;019 ;020 ;021 ;024 ;036 ;048 ;050 ;059 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;105 ;106 ;108 ;115 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 434 (of 474)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 112100 P016

Function / Bundle: HIFI LCUSIH-XH-11

Conn.-Type: SCC340100202BDBMA44PNMBFO

Item: HHLCU

Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 3B D . S11 | | HLD.S - | | H308 | TS6CC-22 | 81 | 308-1 | | | HHSVMCB2 | 26 | 311200 P008 | 078 | 3H 3H 3H |
| 016 | HIFI LOA 3B D . R11 | | HLD.S - | | H308 | TS6CC-22 | 81 | 308-1 | | | HHSVMCB2 | 26 | 311200 P008 | 100 | 3H 3H 3H |
| 001 | HIFI LOA 3B D . S12 | | HLD.S - | | H308 | TS6CC-22 | 81 | 308-1 | | | HHSVMCB2 | 26 | 311200 P008 | 089 | 3H 3H 3H |
| 016 | HIFI LOA 3B D . R12 | | HLD.S - | | H308 | TS6CC-22 | 81 | 308-1 | | | HHSVMCB2 | 26 | 311200 P008 | 101 | 3H 3H 3H |
| 001 | HIFI LOA 3B D . S13 | | HLD.S - | | H308 | TS6CC-22 | 81 | 308-1 | | | HHSVMCB2 | 26 | 311200 P008 | 090 | 3H 3H 3H |
| 016 | HIFI LOA 3B D . R13 | | HLD.S - | | H308 | TS6CC-22 | 81 | 308-1 | | | HHSVMCB2 | 26 | 311200 P008 | 079 | 3H 3H 3H |
| NC | HIFI LOA 3B D . SHD81 | | HLD.S - | | H308 | TS6CC-22 | 81 | 308-1 | CS-308-1 | | HHSVMCB2 | 26 | 311200 P008 | 068 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 031 | HIFI LOA 3B D . S21 | | HLD.S - | | H308 | TS6CC-22 | 82 | 308-2 | | | HHSVMCB2 | 26 | 311200 P008 | 055 | 3H 3H 3H |
| 017 | HIFI LOA 3B D . R21 | | HLD.S - | | H308 | TS6CC-22 | 82 | 308-2 | | | HHSVMCB2 | 26 | 311200 P008 | 044 | 3H 3H 3H |
| 031 | HIFI LOA 3B D . S22 | | HLD.S - | | H308 | TS6CC-22 | 82 | 308-2 | | | HHSVMCB2 | 26 | 311200 P008 | 056 | 3H 3H 3H |
| 017 | HIFI LOA 3B D . R22 | | HLD.S - | | H308 | TS6CC-22 | 82 | 308-2 | | | HHSVMCB2 | 26 | 311200 P008 | 045 | 3H 3H 3H |
| 031 | HIFI LOA 3B D . S23 | | HLD.S - | | H308 | TS6CC-22 | 82 | 308-2 | | | HHSVMCB2 | 26 | 311200 P008 | 067 | 3H 3H 3H |
| 017 | HIFI LOA 3B D . R23 | | HLD.S - | | H308 | TS6CC-22 | 82 | 308-2 | | | HHSVMCB2 | 26 | 311200 P008 | 066 | 3H 3H 3H |
| NC | HIFI LOA 3B D . SHD82 | | HLD.S - | | H308 | TS6CC-22 | 82 | 308-2 | CS-308-2 | | HHSVMCB2 | 26 | 311200 P008 | 068 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 3B G . 1 | | HLG.S - | | H309 | TS2CC-28 | 91 | 309-1 | | | HHSVMCB2 | 26 | 311200 P008 | 097 | 3H 3H 3H |
| 020 | HIFI LOA 3B G . 1RTN | | HLG.S - | | H309 | TS2CC-28 | 91 | 309-1 | | | HHSVMCB2 | 26 | 311200 P008 | 098 | 3H 3H 3H |
| NC | HIFI LOA 3B G . SHD91 | | HLG.S - | | H309 | TS2CC-28 | 91 | 309-1 | CS-309-1 | | HHSVMCB2 | 26 | 311200 P008 | 074 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 005 | HIFI LOA 3B G . 2 | | HLG.S - | | H309 | TS2CC-28 | 92 | 309-2 | | | HHSVMCB2 | 26 | 311200 P008 | 086 | 3H 3H 3H |
| 021 | HIFI LOA 3B G . 2RTN | | HLG.S - | | H309 | TS2CC-28 | 92 | 309-2 | | | HHSVMCB2 | 26 | 311200 P008 | 085 | 3H 3H 3H |
| NC | HIFI LOA 3B G . SHD92 | | HLG.S - | | H309 | TS2CC-28 | 92 | 309-2 | CS-309-2 | | HHSVMCB2 | 26 | 311200 P008 | 074 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 3B . D1S | | HLX.S - | | H310 | TS2CC-28 | 1 | 310-1 | | | HHSVMCB2 | 26 | 311200 P008 | 118 | 3H 3H 3H |
| 018 | HIFI LOA 3B . D1SRT | | HLX.S - | | H310 | TS2CC-28 | 1 | 310-1 | | | HHSVMCB2 | 26 | 311200 P008 | 126 | 3H 3H 3H |
| NC | HIFI LOA 3B . SHD01 | | HLX.S - | | H310 | TS2CC-28 | 1 | 310-1 | CS-310-1 | | HHSVMCB2 | 26 | 311200 P008 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 003 | HIFI LOA 3B . D2S | | HLX.S - | | H310 | TS2CC-28 | 2 | 310-2 | | | HHSVMCB2 | 26 | 311200 P008 | 119 | 3H 3H 3H |
| 019 | HIFI LOA 3B . D2SRT | | HLX.S - | | H310 | TS2CC-28 | 2 | 310-2 | | | HHSVMCB2 | 26 | 311200 P008 | 110 | 3H 3H 3H |
| NC | HIFI LOA 3B . SHD02 | | HLX.S - | | H310 | TS2CC-28 | 2 | 310-2 | CS-310-2 | | HHSVMCB2 | 26 | 311200 P008 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 032 | HIFI LOA 3B . G1S | | HLX.S - | | H310 | TS2CC-28 | 3 | 310-3 | | | HHSVMCB2 | 26 | 311200 P008 | 127 | 3H 3H 3H |
| 018 | HIFI LOA 3B . G1SRT | | HLX.S - | | H310 | TS2CC-28 | 3 | 310-3 | | | HHSVMCB2 | 26 | 311200 P008 | 128 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 112100 P016
Item: HHLCU

Function / Bundle: HIFI LCUSIH-XH-11

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 3B . SHD03 | | HLX.S | - | H310 | TS2CC-28 | 3 | 310-3 | | CS-310-3 | HHSVMCB2 | 26 | 311200 P008 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 3B . G2S | | HLX.S | - | H310 | TS2CC-28 | 4 | 310-4 | | | HHSVMCB2 | 26 | 311200 P008 | 111 | 3H 3H 3H |
| 019 | HIFI LOA 3B . G2SRT | | HLX.S | - | H310 | TS2CC-28 | 4 | 310-4 | | | HHSVMCB2 | 26 | 311200 P008 | 120 | 3H 3H 3H |
| NC | HIFI LOA 3B . SHD04 | | HLX.S | - | H310 | TS2CC-28 | 4 | 310-4 | | CS-310-4 | HHSVMCB2 | 26 | 311200 P008 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 3B T . VP | | HLT.S | - | H311 | TS2CC-28 | 11 | 311-1 | | | HHSVMCB2 | 26 | 311200 P008 | 092 | 3H 3H 3H |
| 022 | HIFI LOA 3B T . VN | | HLT.S | - | H311 | TS2CC-28 | 11 | 311-1 | | | HHSVMCB2 | 26 | 311200 P008 | 104 | 3H 3H 3H |
| NC | HIFI LOA 3B T . SHD11 | | HLT.S | - | H311 | TS2CC-28 | 11 | 311-1 | | CS-311-1 | HHSVMCB2 | 26 | 311200 P008 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 3B T . IP | | HLT.S | - | H311 | TS2CC-28 | 12 | 311-2 | | | HHSVMCB2 | 26 | 311200 P008 | 093 | 3H 3H 3H |
| 007 | HIFI LOA 3B T . IN | | HLT.S | - | H311 | TS2CC-28 | 12 | 311-2 | | | HHSVMCB2 | 26 | 311200 P008 | 081 | 3H 3H 3H |
| NC | HIFI LOA 3B T . SHD12 | | HLT.S | - | H311 | TS2CC-28 | 12 | 311-2 | | CS-311-2 | HHSVMCB2 | 26 | 311200 P008 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 3B P . L | | HLP.S | - | H312 | TS2CC-28 | 20 | | | | HHSVMCB2 | 26 | 311200 P008 | 039 | 3H 3H 3H |
| 024 | HIFI LOA 3B P . LRTN | | HLP.S | - | H312 | TS2CC-28 | 20 | | | | HHSVMCB2 | 26 | 311200 P008 | 040 | 3H 3H 3H |
| NC | HIFI LOA 3B P . SHD20 | | HLP.S | - | H312 | TS2CC-28 | 20 | | | CS-H312 | HHSVMCB2 | 26 | 311200 P008 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 3B MS . 1 | | HL2.S | - | H313 | TS2CC-28 | 31 | 313-1 | | | HHSVMCB2 | 26 | 311200 P008 | 117 | 3H 3H 3H |
| 028 | HIFI LOA 3B MS . 1RTN | | HL2.S | - | H313 | TS2CC-28 | 31 | 313-1 | | | HHSVMCB2 | 26 | 311200 P008 | 124 | 3H 3H 3H |
| NC | HIFI LOA 3B MS . SHD31 | | HL2.S | - | H313 | TS2CC-28 | 31 | 313-1 | | CS-313-1 | HHSVMCB2 | 26 | 311200 P008 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 3B MS . 2 | | HL2.S | - | H313 | TS2CC-28 | 32 | 313-2 | | | HHSVMCB2 | 26 | 311200 P008 | 123 | 3H 3H 3H |
| 043 | HIFI LOA 3B MS . 2RTN | | HL2.S | - | H313 | TS2CC-28 | 32 | 313-2 | | | HHSVMCB2 | 26 | 311200 P008 | 116 | 3H 3H 3H |
| NC | HIFI LOA 3B MS . SHD32 | | HL2.S | - | H313 | TS2CC-28 | 32 | 313-2 | | CS-313-2 | HHSVMCB2 | 26 | 311200 P008 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 013 | HIFI LOA 3B MS . 3 | | HL2.S | - | H313 | TS2CC-28 | 33 | 313-3 | | | HHSVMCB2 | 26 | 311200 P008 | 107 | 3H 3H 3H |
| 029 | HIFI LOA 3B MS . 3RTN | | HL2.S | - | H313 | TS2CC-28 | 33 | 313-3 | | | HHSVMCB2 | 26 | 311200 P008 | 122 | 3H 3H 3H |
| NC | HIFI LOA 3B MS . SHD33 | | HL2.S | - | H313 | TS2CC-28 | 33 | 313-3 | | CS-313-3 | HHSVMCB2 | 26 | 311200 P008 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 3B M . 1 | | HL6.S | - | H314 | TS2CC-28 | 41 | 314-1 | | | HHSVMCB2 | 26 | 311200 P008 | 112 | 3H 3H 3H |
| 039 | HIFI LOA 3B M . 1RTN | | HL6.S | - | H314 | TS2CC-28 | 41 | 314-1 | | | HHSVMCB2 | 26 | 311200 P008 | 121 | 3H 3H 3H |
| NC | HIFI LOA 3B M . SHD41 | | HL6.S | - | H314 | TS2CC-28 | 41 | 314-1 | | CS-314-1 | HHSVMCB2 | 26 | 311200 P008 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 437 (of 474)

Connector: 112100 P016
Item: HHLCU

Function / Bundle: HIFI LCUSIH-XH-11

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 009 | HIFI LOA 3B M . 2 | | HL6.S - | | H314 | TS2CC-28 | 42 | 314-2 | | | HHSVMCB2 | 26 | 311200 P008 | 113 | 3H 3H 3H |
| 025 | HIFI LOA 3B M . 2RTN | | HL6.S - | | H314 | TS2CC-28 | 42 | 314-2 | | | HHSVMCB2 | 26 | 311200 P008 | 102 | 3H 3H 3H |
| NC | HIFI LOA 3B M . SHD42 | | HL6.S - | | H314 | TS2CC-28 | 42 | 314-2 | CS-314-2 | | HHSVMCB2 | 26 | 311200 P008 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 3B M . 3 | | HL6.S - | | H314 | TS2CC-28 | 43 | 314-3 | | | HHSVMCB2 | 26 | 311200 P008 | 103 | 3H 3H 3H |
| 026 | HIFI LOA 3B M . 3RTN | | HL6.S - | | H314 | TS2CC-28 | 43 | 314-3 | | | HHSVMCB2 | 26 | 311200 P008 | 114 | 3H 3H 3H |
| NC | HIFI LOA 3B M . SHD43 | | HL6.S - | | H314 | TS2CC-28 | 43 | 314-3 | CS-314-3 | | HHSVMCB2 | 26 | 311200 P008 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 12 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;011 ;014 ;015 ;023 ;027 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P017
Item: HHLCU
Function / Bundle: HIFI LCU SIH-HX-11
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 4B D . S31 | | HL.D.S - | | H408 | TS6CC-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 P008 | 064 | 3H 3H 3H | |
| 016 | HIFI LOA 4B D . R31 | | HL.D.S - | | H408 | TS6CC-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 P008 | 075 | 3H 3H 3H | |
| 001 | HIFI LOA 4B D . S32 | | HL.D.S - | | H408 | TS6CC-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 P008 | 087 | 3H 3H 3H | |
| 016 | HIFI LOA 4B D . R32 | | HL.D.S - | | H408 | TS6CC-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 P008 | 076 | 3H 3H 3H | |
| 001 | HIFI LOA 4B D . S33 | | HL.D.S - | | H408 | TS6CC-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 P008 | 088 | 3H 3H 3H | |
| 016 | HIFI LOA 4B D . R33 | | HL.D.S - | | H408 | TS6CC-22 | 85 | 408-1 | | HHSVMCB2 | 26 | 311200 P008 | 099 | 3H 3H 3H | |
| NC | HIFI LOA 4B D . SHD85 | | HL.D.S - | | H408 | TS6CC-22 | 85 | 408-1 | CS-408-1 | HHSVMCB2 | 26 | 311200 P008 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 031 | HIFI LOA 4B D . S41 | | HL.D.S - | | H408 | TS6CC-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 P008 | 031 | 3H 3H 3H | |
| 017 | HIFI LOA 4B D . R41 | | HL.D.S - | | H408 | TS6CC-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 P008 | 042 | 3H 3H 3H | |
| 031 | HIFI LOA 4B D . S42 | | HL.D.S - | | H408 | TS6CC-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 P008 | 053 | 3H 3H 3H | |
| 017 | HIFI LOA 4B D . R42 | | HL.D.S - | | H408 | TS6CC-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 P008 | 043 | 3H 3H 3H | |
| 031 | HIFI LOA 4B D . S43 | | HL.D.S - | | H408 | TS6CC-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 P008 | 054 | 3H 3H 3H | |
| 017 | HIFI LOA 4B D . R43 | | HL.D.S - | | H408 | TS6CC-22 | 86 | 408-2 | | HHSVMCB2 | 26 | 311200 P008 | 065 | 3H 3H 3H | |
| NC | HIFI LOA 4B D . SHD86 | | HL.D.S - | | H408 | TS6CC-22 | 86 | 408-2 | CS-408-2 | HHSVMCB2 | 26 | 311200 P008 | 077 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 4B G . 1 | | HL.G.S - | | H409 | TS2CC-28 | 95 | 409-1 | | HHSVMCB2 | 26 | 311200 P008 | 063 | 3H 3H 3H | |
| 020 | HIFI LOA 4B G . 1RTN | | HL.G.S - | | H409 | TS2CC-28 | 95 | 409-1 | | HHSVMCB2 | 26 | 311200 P008 | 062 | 3H 3H 3H | |
| NC | HIFI LOA 4B G . SHD95 | | HL.G.S - | | H409 | TS2CC-28 | 95 | 409-1 | CS-409-1 | HHSVMCB2 | 26 | 311200 P008 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 005 | HIFI LOA 4B G . 2 | | HL.G.S - | | H409 | TS2CC-28 | 96 | 409-2 | | HHSVMCB2 | 26 | 311200 P008 | 051 | 3H 3H 3H | |
| 021 | HIFI LOA 4B G . 2RTN | | HL.G.S - | | H409 | TS2CC-28 | 96 | 409-2 | | HHSVMCB2 | 26 | 311200 P008 | 052 | 3H 3H 3H | |
| NC | HIFI LOA 4B G . SHD96 | | HL.G.S - | | H409 | TS2CC-28 | 96 | 409-2 | CS-409-2 | HHSVMCB2 | 26 | 311200 P008 | 073 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 4B . D1S | | HLX.S - | | H410 | TS2CC-28 | 16 | 410-1 | | HHSVMCB2 | 26 | 311200 P008 | 037 | 3H 3H 3H | |
| 018 | HIFI LOA 4B . D1SRT | | HLX.S - | | H410 | TS2CC-28 | 16 | 410-1 | | HHSVMCB2 | 26 | 311200 P008 | 049 | 3H 3H 3H | |
| NC | HIFI LOA 4B . SHD16 | | HLX.S - | | H410 | TS2CC-28 | 16 | 410-1 | CS-410-1 | HHSVMCB2 | 26 | 311200 P008 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 003 | HIFI LOA 4B . D2S | | HLX.S - | | H410 | TS2CC-28 | 17 | 410-2 | | HHSVMCB2 | 26 | 311200 P008 | 038 | 3H 3H 3H | |
| 019 | HIFI LOA 4B . D2SRT | | HLX.S - | | H410 | TS2CC-28 | 17 | 410-2 | | HHSVMCB2 | 26 | 311200 P008 | 026 | 3H 3H 3H | |
| NC | HIFI LOA 4B . SHD17 | | HLX.S - | | H410 | TS2CC-28 | 17 | 410-2 | CS-410-2 | HHSVMCB2 | 26 | 311200 P008 | 025 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 032 | HIFI LOA 4B . G1S | | HLX.S - | | H410 | TS2CC-28 | 18 | 410-3 | | HHSVMCB2 | 26 | 311200 P008 | 016 | 3H 3H 3H | |
| 018 | HIFI LOA 4B . G1SRT | | HLX.S - | | H410 | TS2CC-28 | 18 | 410-3 | | HHSVMCB2 | 26 | 311200 P008 | 027 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**

Connector: 112100 P017

Function / Bundle: HIFI LCU SIH-HX-11

Conn.-Type: SCC340100202BDBMA44PNMBFO

Item: HHLCU

Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 4B . SHD18 | | HLX.S - | | H410 | TS2CC-28 | 18 | 410-3 | | CS-410-3 | HHSVMCB2 | 26 | 311200 P008 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 4B . G2S | | HLX.S - | | H410 | TS2CC-28 | 19 | 410-4 | | | HHSVMCB2 | 26 | 311200 P008 | 015 | 3H 3H 3H |
| 019 | HIFI LOA 4B . G2SRT | | HLX.S - | | H410 | TS2CC-28 | 19 | 410-4 | | | HHSVMCB2 | 26 | 311200 P008 | 008 | 3H 3H 3H |
| NC | HIFI LOA 4B . SHD19 | | HLX.S - | | H410 | TS2CC-28 | 19 | 410-4 | | CS-410-4 | HHSVMCB2 | 26 | 311200 P008 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 4B T . VP | | HLT.S - | | H411 | TS2CC-28 | 51 | 411-1 | | | HHSVMCB2 | 26 | 311200 P008 | 009 | 3H 3H 3H |
| 022 | HIFI LOA 4B T . VN | | HLT.S - | | H411 | TS2CC-28 | 51 | 411-1 | | | HHSVMCB2 | 26 | 311200 P008 | 017 | 3H 3H 3H |
| NC | HIFI LOA 4B T . SHD51 | | HLT.S - | | H411 | TS2CC-28 | 51 | 411-1 | | CS-411-1 | HHSVMCB2 | 26 | 311200 P008 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 4B T . IP | | HLT.S - | | H411 | TS2CC-28 | 52 | 411-2 | | | HHSVMCB2 | 26 | 311200 P008 | 001 | 3H 3H 3H |
| 007 | HIFI LOA 4B T . IN | | HLT.S - | | H411 | TS2CC-28 | 52 | 411-2 | | | HHSVMCB2 | 26 | 311200 P008 | 002 | 3H 3H 3H |
| NC | HIFI LOA 4B T . SHD52 | | HLT.S - | | H411 | TS2CC-28 | 52 | 411-2 | | CS-411-2 | HHSVMCB2 | 26 | 311200 P008 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 4B P . L | | HLP.S - | | H412 | TS2CC-28 | 21 | | | | HHSVMCB2 | 26 | 311200 P008 | 029 | 3H 3H 3H |
| 024 | HIFI LOA 4B P . LRTN | | HLP.S - | | H412 | TS2CC-28 | 21 | | | | HHSVMCB2 | 26 | 311200 P008 | 030 | 3H 3H 3H |
| NC | HIFI LOA 4B P . SHD21 | | HLP.S - | | H412 | TS2CC-28 | 21 | | | CS-H412 | HHSVMCB2 | 26 | 311200 P008 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 4B MS . 1 | | HL2.S - | | H413 | TS2CC-28 | 36 | 410-1 | | | HHSVMCB2 | 26 | 311200 P008 | 058 | 3H 3H 3H |
| 028 | HIFI LOA 4B MS . 1RTN | | HL2.S - | | H413 | TS2CC-28 | 36 | 410-1 | | | HHSVMCB2 | 26 | 311200 P008 | 057 | 3H 3H 3H |
| NC | HIFI LOA 4B MS . SHD36 | | HL2.S - | | H413 | TS2CC-28 | 36 | 410-1 | | CS-413-1 | HHSVMCB2 | 26 | 311200 P008 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 4B MS . 2 | | HL2.S - | | H413 | TS2CC-28 | 37 | 410-2 | | | HHSVMCB2 | 26 | 311200 P008 | 046 | 3H 3H 3H |
| 043 | HIFI LOA 4B MS . 2RTN | | HL2.S - | | H413 | TS2CC-28 | 37 | 410-2 | | | HHSVMCB2 | 26 | 311200 P008 | 047 | 3H 3H 3H |
| NC | HIFI LOA 4B MS . SHD37 | | HL2.S - | | H413 | TS2CC-28 | 37 | 410-2 | | CS-413-2 | HHSVMCB2 | 26 | 311200 P008 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 013 | HIFI LOA 4B MS . 3 | | HL2.S - | | H413 | TS2CC-28 | 38 | 410-3 | | | HHSVMCB2 | 26 | 311200 P008 | 034 | 3H 3H 3H |
| 029 | HIFI LOA 4B MS . 3RTN | | HL2.S - | | H413 | TS2CC-28 | 38 | 410-3 | | | HHSVMCB2 | 26 | 311200 P008 | 035 | 3H 3H 3H |
| NC | HIFI LOA 4B MS . SHD38 | | HL2.S - | | H413 | TS2CC-28 | 38 | 410-3 | | CS-413-3 | HHSVMCB2 | 26 | 311200 P008 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 038 | HIFI LOA 4B M . 1 | | HL6.S - | | H414 | TS2CC-28 | 45 | 414-1 | | | HHSVMCB2 | 26 | 311200 P008 | 032 | 3H 3H 3H |
| 039 | HIFI LOA 4B M . 1RTN | | HL6.S - | | H414 | TS2CC-28 | 45 | 414-1 | | | HHSVMCB2 | 26 | 311200 P008 | 033 | 3H 3H 3H |
| NC | HIFI LOA 4B M . SHD45 | | HL6.S - | | H414 | TS2CC-28 | 45 | 414-1 | | CS-414-1 | HHSVMCB2 | 26 | 311200 P008 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 441 (of 474)

Connector: 112100 P017
Item: HHLCU

Function / Bundle: HIFI LCU SIH-HX-11

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|---|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 009 | HIFI LOA 4B M . 2 | | HL6.S - | | H414 | TS2CC-28 | 46 | 414-2 | | | HHSVMCB2 | 26 | 311200 P008 | 023 | 3H 3H 3H |
| 025 | HIFI LOA 4B M . 2RTN | | HL6.S - | | H414 | TS2CC-28 | 46 | 414-2 | | | HHSVMCB2 | 26 | 311200 P008 | 022 | 3H 3H 3H |
| NC | HIFI LOA 4B M . SHD48 | | HL6.S - | | H414 | TS2CC-28 | 46 | 414-2 | CS-414-2 | | HHSVMCB2 | 26 | 311200 P008 | | 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 4B M . 3 | | HL6.S - | | H414 | TS2CC-28 | 47 | 414-3 | | | HHSVMCB2 | 26 | 311200 P008 | 014 | 3H 3H 3H |
| 026 | HIFI LOA 4B M . 3RTN | | HL6.S - | | H414 | TS2CC-28 | 47 | 414-3 | | | HHSVMCB2 | 26 | 311200 P008 | 007 | 3H 3H 3H |
| NC | HIFI LOA 4B M . SHD47 | | HL6.S - | | H414 | TS2CC-28 | 47 | 414-3 | CS-414-3 | | HHSVMCB2 | 26 | 311200 P008 | 006 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | |
| - | 12 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;011 ;014 ;015 ;023 ;027 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 442 (of 474)

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Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 311300 P003
Item: HHSVMCB3
Function / Bundle: HIFI SVMSIH-XH-12
Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 078 | HIFI LOA 5B D . S11 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | | HHLCU | 16 | 112100 P019 | 001 | 3H 3H 3H |
| 100 | HIFI LOA 5B D . R11 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | | HHLCU | 16 | 112100 P019 | 016 | 3H 3H 3H |
| 089 | HIFI LOA 5B D . S12 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | | HHLCU | 16 | 112100 P019 | 001 | 3H 3H 3H |
| 101 | HIFI LOA 5B D . R12 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | | HHLCU | 16 | 112100 P019 | 016 | 3H 3H 3H |
| 090 | HIFI LOA 5B D . S13 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | | HHLCU | 16 | 112100 P019 | 001 | 3H 3H 3H |
| 079 | HIFI LOA 5B D . R13 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | | HHLCU | 16 | 112100 P019 | 016 | 3H 3H 3H |
| 068 | HIFI LOA 5B D . SHD81 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | CS-508-1 | | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 055 | HIFI LOA 5B D . S21 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | | HHLCU | 16 | 112100 P019 | 031 | 3H 3H 3H |
| 044 | HIFI LOA 5B D . R21 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | | HHLCU | 16 | 112100 P019 | 017 | 3H 3H 3H |
| 056 | HIFI LOA 5B D . S22 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | | HHLCU | 16 | 112100 P019 | 031 | 3H 3H 3H |
| 045 | HIFI LOA 5B D . R22 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | | HHLCU | 16 | 112100 P019 | 017 | 3H 3H 3H |
| 067 | HIFI LOA 5B D . S23 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | | HHLCU | 16 | 112100 P019 | 031 | 3H 3H 3H |
| 066 | HIFI LOA 5B D . R23 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | | HHLCU | 16 | 112100 P019 | 017 | 3H 3H 3H |
| 068 | HIFI LOA 5B D . SHD82 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | CS-508-2 | | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 097 | HIFI LOA 5B G . 1 | | HL.G.S - | | H509 | TS2CC-28 | 91 | 509-1 | | | HHLCU | 16 | 112100 P019 | 004 | 3H 3H 3H |
| 098 | HIFI LOA 5B G . 1RTN | | HL.G.S - | | H509 | TS2CC-28 | 91 | 509-1 | | | HHLCU | 16 | 112100 P019 | 020 | 3H 3H 3H |
| 074 | HIFI LOA 5B G . SHD91 | | HL.G.S - | | H509 | TS2CC-28 | 91 | 509-1 | CS-309-1 | | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 086 | HIFI LOA 5B G . 2 | | HL.G.S - | | H509 | TS2CC-28 | 92 | 509-2 | | | HHLCU | 16 | 112100 P019 | 005 | 3H 3H 3H |
| 085 | HIFI LOA 5B G . 2RTN | | HL.G.S - | | H509 | TS2CC-28 | 92 | 509-2 | | | HHLCU | 16 | 112100 P019 | 021 | 3H 3H 3H |
| 074 | HIFI LOA 5B G . SHD92 | | HL.G.S - | | H509 | TS2CC-28 | 92 | 509-2 | CS-309-2 | | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 118 | HIFI LOA 5B . D1S | | HLX.S - | | H510 | TS2CC-28 | 1 | 510-1 | | | HHLCU | 16 | 112100 P019 | 002 | 3H 3H 3H |
| 126 | HIFI LOA 5B . D1SRT | | HLX.S - | | H510 | TS2CC-28 | 1 | 510-1 | | | HHLCU | 16 | 112100 P019 | 018 | 3H 3H 3H |
| 109 | HIFI LOA 5B . SHD01 | | HLX.S - | | H510 | TS2CC-28 | 1 | 510-1 | CS-510-1 | | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 119 | HIFI LOA 5B . D2S | | HLX.S - | | H510 | TS2CC-28 | 2 | 510-2 | | | HHLCU | 16 | 112100 P019 | 003 | 3H 3H 3H |
| 110 | HIFI LOA 5B . D2SRT | | HLX.S - | | H510 | TS2CC-28 | 2 | 510-2 | | | HHLCU | 16 | 112100 P019 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 5B . SHD02 | | HLX.S - | | H510 | TS2CC-28 | 2 | 510-2 | CS-510-2 | | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 127 | HIFI LOA 5B . G1S | | HLX.S - | | H510 | TS2CC-28 | 3 | 510-3 | | | HHLCU | 16 | 112100 P019 | 032 | 3H 3H 3H |
| 128 | HIFI LOA 5B . G1SRT | | HLX.S - | | H510 | TS2CC-28 | 3 | 510-3 | | | HHLCU | 16 | 112100 P019 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311300 P003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 109 | HIFI LOA 5B . SHD03 | | HLX.S - | | H510 | TS2CC-28 | 3 | 510-3 | | CS-510-3 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 111 | HIFI LOA 5B . G2S | | HLX.S - | | H510 | TS2CC-28 | 4 | 510-4 | | | HHLCU | 16 | 112100 P019 | 033 | 3H 3H 3H |
| 120 | HIFI LOA 5B . G2SRT | | HLX.S - | | H510 | TS2CC-28 | 4 | 510-4 | | | HHLCU | 16 | 112100 P019 | 019 | 3H 3H 3H |
| 109 | HIFI LOA 5B . SHD04 | | HLX.S - | | H510 | TS2CC-28 | 4 | 510-4 | | CS-510-4 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 092 | HIFI LOA 5B T . VP | | HLT.S - | | H511 | TS2CC-28 | 11 | 511-1 | | | HHLCU | 16 | 112100 P019 | 036 | 3H 3H 3H |
| 104 | HIFI LOA 5B T . VN | | HLT.S - | | H511 | TS2CC-28 | 11 | 511-1 | | | HHLCU | 16 | 112100 P019 | 022 | 3H 3H 3H |
| 070 | HIFI LOA 5B T . SHD11 | | HLT.S - | | H511 | TS2CC-28 | 11 | 511-1 | | CS-511-1 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 093 | HIFI LOA 5B T . IP | | HLT.S - | | H511 | TS2CC-28 | 12 | 511-2 | | | HHLCU | 16 | 112100 P019 | 006 | 3H 3H 3H |
| 081 | HIFI LOA 5B T . IN | | HLT.S - | | H511 | TS2CC-28 | 12 | 511-2 | | | HHLCU | 16 | 112100 P019 | 007 | 3H 3H 3H |
| 070 | HIFI LOA 5B T . SHD12 | | HLT.S - | | H511 | TS2CC-28 | 12 | 511-2 | | CS-511-2 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | HIFI LOA 5B T | | - | | | | | | | | | | | | 3H |
| 039 | HIFI LOA 5B P . L | | HLP.S - | | H512 | TS2CC-28 | 20 | | | | HHLCU | 16 | 112100 P019 | 008 | 3H 3H 3H |
| 040 | HIFI LOA 5B P . LRTN | | HLP.S - | | H512 | TS2CC-28 | 20 | | | | HHLCU | 16 | 112100 P019 | 024 | 3H 3H 3H |
| 028 | HIFI LOA 5B P . SHD20 | | HLP.S - | | H512 | TS2CC-28 | 20 | | | CS-H512 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 117 | HIFI LOA 5B MS . 1 | | HL2.S - | | H513 | TS2CC-28 | 31 | 513-1 | | | HHLCU | 16 | 112100 P019 | 012 | 3H 3H 3H |
| 124 | HIFI LOA 5B MS . 1RTN | | HL2.S - | | H513 | TS2CC-28 | 31 | 513-1 | | | HHLCU | 16 | 112100 P019 | 028 | 3H 3H 3H |
| 125 | HIFI LOA 5B MS . SHD31 | | HL2.S - | | H513 | TS2CC-28 | 31 | 513-1 | | CS-513-1 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 123 | HIFI LOA 5B MS . 2 | | HL2.S - | | H513 | TS2CC-28 | 32 | 513-2 | | | HHLCU | 16 | 112100 P019 | 042 | 3H 3H 3H |
| 116 | HIFI LOA 5B MS . 2RTN | | HL2.S - | | H513 | TS2CC-28 | 32 | 513-2 | | | HHLCU | 16 | 112100 P019 | 043 | 3H 3H 3H |
| 125 | HIFI LOA 5B MS . SHD32 | | HL2.S - | | H513 | TS2CC-28 | 32 | 513-2 | | CS-513-2 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 107 | HIFI LOA 5B MS . 3 | | HL2.S - | | H513 | TS2CC-28 | 33 | 513-3 | | | HHLCU | 16 | 112100 P019 | 013 | 3H 3H 3H |
| 122 | HIFI LOA 5B MS . 3RTN | | HL2.S - | | H513 | TS2CC-28 | 33 | 513-3 | | | HHLCU | 16 | 112100 P019 | 029 | 3H 3H 3H |
| 125 | HIFI LOA 5B MS . SHD33 | | HL2.S - | | H513 | TS2CC-28 | 33 | 513-3 | | CS-513-3 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 112 | HIFI LOA 5B M . 1 | | HL6.S - | | H514 | TS2CC-28 | 41 | 514-1 | | | HHLCU | 16 | 112100 P019 | 038 | 3H 3H 3H |
| 121 | HIFI LOA 5B M . 1RTN | | HL6.S - | | H514 | TS2CC-28 | 41 | 514-1 | | | HHLCU | 16 | 112100 P019 | 039 | 3H 3H 3H |
| 091 | HIFI LOA 5B M . SHD41 | | HL6.S - | | H514 | TS2CC-28 | 41 | 514-1 | | CS-514-1 | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Connector: 311300 P003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 113 | HIFI LOA 5B M . 2 | | HL6.S - | | H514 | TS2CC-28 | 42 | 514-2 | | | HHLCU | 16 | 112100 P019 | 009 | 3H 3H 3H |
| 102 | HIFI LOA 5B M . 2RTN | | HL6.S - | | H514 | TS2CC-28 | 42 | 514-2 | | | HHLCU | 16 | 112100 P019 | 025 | 3H 3H 3H |
| 091 | HIFI LOA 5B M . SHD42 | | HL6.S - | | H514 | TS2CC-28 | 42 | 514-2 | CS-514-2 | | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 103 | HIFI LOA 5B M . 3 | | HL6.S - | | H514 | TS2CC-28 | 43 | 514-3 | | | HHLCU | 16 | 112100 P019 | 010 | 3H 3H 3H |
| 114 | HIFI LOA 5B M . 3RTN | | HL6.S - | | H514 | TS2CC-28 | 43 | 514-3 | | | HHLCU | 16 | 112100 P019 | 026 | 3H 3H 3H |
| 091 | HIFI LOA 5B M . SHD43 | | HL6.S - | | H514 | TS2CC-28 | 43 | 514-3 | CS-514-3 | | HHLCU | 16 | 112100 P019 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 064 | HIFI LOA 6B D . S31 | | HLD.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHLCU | 16 | 112100 P013 | 001 | 3H 3H 3H |
| 075 | HIFI LOA 6B D . R31 | | HLD.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHLCU | 16 | 112100 P013 | 016 | 3H 3H 3H |
| 087 | HIFI LOA 6B D . S32 | | HLD.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHLCU | 16 | 112100 P013 | 001 | 3H 3H 3H |
| 076 | HIFI LOA 6B D . R32 | | HLD.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHLCU | 16 | 112100 P013 | 016 | 3H 3H 3H |
| 088 | HIFI LOA 6B D . S33 | | HLD.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHLCU | 16 | 112100 P013 | 001 | 3H 3H 3H |
| 059 | HIFI LOA 6B D . R33 | | HLD.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHLCU | 16 | 112100 P013 | 016 | 3H 3H 3H |
| 077 | HIFI LOA 6B D . SHD15 | | HLD.S - | | H611 | TS6CC-22 | 15 | 611-1 | CS-611-1 | | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 031 | HIFI LOA 6B D . S41 | | HLD.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHLCU | 16 | 112100 P013 | 031 | 3H 3H 3H |
| 042 | HIFI LOA 6B D . R41 | | HLD.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHLCU | 16 | 112100 P013 | 017 | 3H 3H 3H |
| 053 | HIFI LOA 6B D . S42 | | HLD.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHLCU | 16 | 112100 P013 | 031 | 3H 3H 3H |
| 043 | HIFI LOA 6B D . R42 | | HLD.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHLCU | 16 | 112100 P013 | 017 | 3H 3H 3H |
| 054 | HIFI LOA 6B D . S43 | | HLD.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHLCU | 16 | 112100 P013 | 031 | 3H 3H 3H |
| 065 | HIFI LOA 6B D . R43 | | HLD.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHLCU | 16 | 112100 P013 | 017 | 3H 3H 3H |
| 077 | HIFI LOA 6B D . SHD16 | | HLD.S - | | H611 | TS6CC-22 | 16 | 611-2 | CS-611-2 | | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 063 | HIFI LOA 6B G . 1 | | HLG.S - | | H612 | TS2CC-28 | 21 | 612-1 | | | HHLCU | 16 | 112100 P013 | 004 | 3H 3H 3H |
| 062 | HIFI LOA 6B G . 1RTN | | HLG.S - | | H612 | TS2CC-28 | 21 | 612-1 | | | HHLCU | 16 | 112100 P013 | 020 | 3H 3H 3H |
| 073 | HIFI LOA 6B G . SHD21 | | HLG.S - | | H612 | TS2CC-28 | 21 | 612-1 | CS-612-1 | | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 051 | HIFI LOA 6B G . 2 | | HLG.S - | | H612 | TS2CC-28 | 22 | 612-2 | | | HHLCU | 16 | 112100 P013 | 005 | 3H 3H 3H |
| 052 | HIFI LOA 6B G . 2RTN | | HLG.S - | | H612 | TS2CC-28 | 22 | 612-2 | | | HHLCU | 16 | 112100 P013 | 021 | 3H 3H 3H |
| 073 | HIFI LOA 6B G . SHD22 | | HLG.S - | | H612 | TS2CC-28 | 22 | 612-2 | CS-612-2 | | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 037 | HIFI LOA 6B . D1S | | HLX.S - | | H613 | TS2CC-28 | 36 | 613-1 | | | HHLCU | 16 | 112100 P013 | 002 | 3H 3H 3H |
| 049 | HIFI LOA 6B . D1SRT | | HLX.S - | | H613 | TS2CC-28 | 36 | 613-1 | | | HHLCU | 16 | 112100 P013 | 018 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 311300 P003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|--------|------|--------|----------|-----|-------|----------|---------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 025 | HIFI LOA 6B . SHD36 | | HLX.S | - | H613 | TS2CC-28 | 36 | 613-1 | CS-613-1 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 038 | HIFI LOA 6B . D2S | | HLX.S | - | H613 | TS2CC-28 | 37 | 613-2 | | HHLCU | 16 | 112100 P013 | 003 | 3H 3H 3H | |
| 026 | HIFI LOA 6B . D2SRT | | HLX.S | - | H613 | TS2CC-28 | 37 | 613-2 | | HHLCU | 16 | 112100 P013 | 019 | 3H 3H 3H | |
| 025 | HIFI LOA 6B . SHD37 | | HLX.S | - | H613 | TS2CC-28 | 37 | 613-2 | CS-613-2 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 016 | HIFI LOA 6B . G1S | | HLX.S | - | H613 | TS2CC-28 | 38 | 613-3 | | HHLCU | 16 | 112100 P013 | 032 | 3H 3H 3H | |
| 027 | HIFI LOA 6B . G1SRT | | HLX.S | - | H613 | TS2CC-28 | 38 | 613-3 | | HHLCU | 16 | 112100 P013 | 018 | 3H 3H 3H | |
| 025 | HIFI LOA 6B . SHD38 | | HLX.S | - | H613 | TS2CC-28 | 38 | 613-3 | CS-613-3 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 015 | HIFI LOA 6B . G2S | | HLX.S | - | H613 | TS2CC-28 | 39 | 613-4 | | HHLCU | 16 | 112100 P013 | 033 | 3H 3H 3H | |
| 008 | HIFI LOA 6B . G2SRT | | HLX.S | - | H613 | TS2CC-28 | 39 | 613-4 | | HHLCU | 16 | 112100 P013 | 019 | 3H 3H 3H | |
| 025 | HIFI LOA 6B . SHD39 | | HLX.S | - | H613 | TS2CC-28 | 39 | 613-4 | CS-613-4 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 009 | HIFI LOA 6B T . VP | | HLT.S | - | H614 | TS2CC-28 | 46 | 614-1 | | HHLCU | 16 | 112100 P013 | 036 | 3H 3H 3H | |
| 017 | HIFI LOA 6B T . VN | | HLT.S | - | H614 | TS2CC-28 | 46 | 614-1 | | HHLCU | 16 | 112100 P013 | 022 | 3H 3H 3H | |
| 003 | HIFI LOA 6B T . SHD46 | | HLT.S | - | H614 | TS2CC-28 | 46 | 614-1 | CS-614-1 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 001 | HIFI LOA 6B T . IP | | HLT.S | - | H614 | TS2CC-28 | 47 | 614-2 | | HHLCU | 16 | 112100 P013 | 006 | 3H 3H 3H | |
| 002 | HIFI LOA 6B T . IN | | HLT.S | - | H614 | TS2CC-28 | 47 | 614-2 | | HHLCU | 16 | 112100 P013 | 007 | 3H 3H 3H | |
| 003 | HIFI LOA 6B T . SHD47 | | HLT.S | - | H614 | TS2CC-28 | 47 | 614-2 | CS-614-2 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 029 | HIFI LOA 6B P . L | | HLP.S | - | H615 | TS2CC-28 | 50 | | | HHLCU | 16 | 112100 P013 | 008 | 3H 3H 3H | |
| 030 | HIFI LOA 6B P . LRTN | | HLP.S | - | H615 | TS2CC-28 | 50 | | | HHLCU | 16 | 112100 P013 | 024 | 3H 3H 3H | |
| 041 | HIFI LOA 6B P . SHD50 | | HLP.S | - | H615 | TS2CC-28 | 50 | | CS-H615 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |
| 058 | HIFI LOA 6B MS . 1 | | HL3.S | - | H616 | TS2CC-28 | 61 | 616-1 | | HHLCU | 16 | 112100 P013 | 012 | 3H 3H 3H | |
| 057 | HIFI LOA 6B MS . 1RTN | | HL3.S | - | H616 | TS2CC-28 | 61 | 616-1 | | HHLCU | 16 | 112100 P013 | 028 | 3H 3H 3H | |
| 069 | HIFI LOA 6B MS . SHD61 | | HL3.S | - | H616 | TS2CC-28 | 61 | 616-1 | CS-616-1 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 046 | HIFI LOA 6B MS . 2 | | HL3.S | - | H616 | TS2CC-28 | 62 | 616-2 | | HHLCU | 16 | 112100 P013 | 042 | 3H 3H 3H | |
| 047 | HIFI LOA 6B MS . 2RTN | | HL3.S | - | H616 | TS2CC-28 | 62 | 616-2 | | HHLCU | 16 | 112100 P013 | 043 | 3H 3H 3H | |
| 069 | HIFI LOA 6B MS . SHD62 | | HL3.S | - | H616 | TS2CC-28 | 62 | 616-2 | CS-616-2 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H | |
| - | | | | | | | | | | | | | | R | |

Pin Allocation List

(Harness)

Connector: 311300 P003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 034 | HIFI LOA 6B MS . 3 | | HL3.S - | | H616 | TS2CC-28 | 63 | 616-2 | | TS6CC-28 | HHLCU | 16 | 112100 P013 | 013 | 3H 3H 3H |
| 033 | HIFI LOA 6B MS . 3RTN | | HL3.S - | | H616 | TS2CC-28 | 63 | 616-2 | | TS6CC-28 | HHLCU | 16 | 112100 P013 | 029 | 3H 3H 3H |
| 069 | HIFI LOA 6B MS . SHD63 | | HL3.S - | | H616 | TS2CC-28 | 63 | 616-3 | | CS-616-3 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 035 | HIFI LOA 6B MS . 4 | | HL3.S - | | H616 | TS2CC-28 | 64 | 616-2 | | | HHLCU | 16 | 112100 P013 | 044 | 3H 3H 3H |
| 024 | HIFI LOA 6B MS . 4RTN | | HL3.S - | | H616 | TS2CC-28 | 64 | 616-2 | | | HHLCU | 16 | 112100 P013 | 030 | 3H 3H 3H |
| 069 | HIFI LOA 6B MS . SHD64 | | HL3.S - | | H616 | TS2CC-28 | 64 | 616-4 | | CS-616-4 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 023 | HIFI LOA 6B MS . 5 | | HL3.S - | | H616 | TS2CC-28 | 65 | 616-2 | | | HHLCU | 16 | 112100 P013 | 014 | 3H 3H 3H |
| 014 | HIFI LOA 6B MS . 5RTN | | HL3.S - | | H616 | TS2CC-28 | 65 | 616-2 | | | HHLCU | 16 | 112100 P013 | 015 | 3H 3H 3H |
| 069 | HIFI LOA 6B MS . SHD65 | | HL3.S - | | H616 | TS2CC-28 | 65 | 616-5 | | CS-616-5 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 022 | HIFI LOA 6B M . 1 | | HL7.S - | | H617 | TS2CC-28 | 71 | 617-1 | | | HHLCU | 16 | 112100 P013 | 038 | 3H 3H 3H |
| 032 | HIFI LOA 6B M . 1RTN | | HL7.S - | | H617 | TS2CC-28 | 71 | 617-1 | | | HHLCU | 16 | 112100 P013 | 039 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD71 | | HL7.S - | | H617 | TS2CC-28 | 71 | 617-1 | | CS-617-1 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 021 | HIFI LOA 6B M . 2 | | HL7.S - | | H617 | TS2CC-28 | 72 | 617-2 | | | HHLCU | 16 | 112100 P013 | 009 | 3H 3H 3H |
| 013 | HIFI LOA 6B M . 2RTN | | HL7.S - | | H617 | TS2CC-28 | 72 | 617-2 | | | HHLCU | 16 | 112100 P013 | 025 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD72 | | HL7.S - | | H617 | TS2CC-28 | 72 | 617-2 | | CS-617-2 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 006 | HIFI LOA 6B M . 3 | | HL7.S - | | H617 | TS2CC-28 | 73 | 617-3 | | | HHLCU | 16 | 112100 P013 | 010 | 3H 3H 3H |
| 007 | HIFI LOA 6B M . 3RTN | | HL7.S - | | H617 | TS2CC-28 | 73 | 617-3 | | | HHLCU | 16 | 112100 P013 | 026 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD73 | | HL7.S - | | H617 | TS2CC-28 | 73 | 617-3 | | CS-617-3 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 012 | HIFI LOA 6B M . 4 | | HL7.S - | | H617 | TS2CC-28 | 74 | 617-4 | | | HHLCU | 16 | 112100 P013 | 041 | 3H 3H 3H |
| 005 | HIFI LOA 6B M . 4RTN | | HL7.S - | | H617 | TS2CC-28 | 74 | 617-4 | | | HHLCU | 16 | 112100 P013 | 040 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD74 | | HL7.S - | | H617 | TS2CC-28 | 74 | 617-4 | | CS-617-4 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 020 | HIFI LOA 6B M . 5 | | HL7.S - | | H617 | TS2CC-28 | 75 | 617-5 | | | HHLCU | 16 | 112100 P013 | 011 | 3H 3H 3H |
| 011 | HIFI LOA 6B M . 5RTN | | HL7.S - | | H617 | TS2CC-28 | 75 | 617-5 | | | HHLCU | 16 | 112100 P013 | 027 | 3H 3H 3H |
| 004 | HIFI LOA 6B M . SHD75 | | HL7.S - | | H617 | TS2CC-28 | 75 | 617-5 | | CS-617-5 | HHLCU | 16 | 112100 P013 | NC | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| 019 | HIFI LOA HEAT R . SIG | | HLH.S - | | H702 | TS2CC-28 | 25 | | | | HHLCU | 16 | 112100 P023 | 001 | 3H 3H 3H |
| 018 | HIFI LOA HEAT R . RTN | | HLH.S - | | H702 | TS2CC-28 | 25 | | | | HHLCU | 16 | 112100 P023 | 009 | 3H 3H 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 448 (of 474)

Connector: 311300 P003
Item: HHSVMCB3

Function / Bundle: HIFI SVMSIH-XH-12

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M24 04

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-------------------------|----------------|--------|------|--------|----------|-----|-------|-------|---|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 010 | HIFI LOA HEAT R . SHD25 | | HLH.S | - | H702 | TS2CC-28 | 25 | | | CS-H702 | HHLCU | 16 | 112100 P023 | CH | 3H 3H 3H |
| - | | | | | | | | | | | | | | | R |
| CH | Overall Shield | | | | | | | | | Overall Shield con to CH | | | | | R |
| - | | | | | | | | | | | | | | | 3H |
| - | 19 pins are NC | | | | | | | | | The following Pins are NC : | | | | | |
| - | | | | | | | | | | ;036 ;048 ;050 ;060 ;061 ;071 ;072 ;080 ;082 ;083 ;084 ;094 ;095 ;096 ;099 ;105 ;106 ;108 ;115 | | | | | |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P019
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-12
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|----------|-------------|-------------|-----------|----------|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 5B D . S11 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 P003 | 078 | 3H 3H 3H | |
| 016 | HIFI LOA 5B D . R11 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 P003 | 100 | 3H 3H 3H | |
| 001 | HIFI LOA 5B D . S12 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 P003 | 089 | 3H 3H 3H | |
| 016 | HIFI LOA 5B D . R12 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 P003 | 101 | 3H 3H 3H | |
| 001 | HIFI LOA 5B D . S13 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 P003 | 090 | 3H 3H 3H | |
| 016 | HIFI LOA 5B D . R13 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | | HHSVMCB3 | 26 | 311300 P003 | 079 | 3H 3H 3H | |
| NC | HIFI LOA 5B D . SHD81 | | HL.D.S - | | H508 | TS6CC-22 | 81 | 508-1 | CS-508-1 | HHSVMCB3 | 26 | 311300 P003 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 031 | HIFI LOA 5B D . S21 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 P003 | 055 | 3H 3H 3H | |
| 017 | HIFI LOA 5B D . R21 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 P003 | 044 | 3H 3H 3H | |
| 031 | HIFI LOA 5B D . S22 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 P003 | 056 | 3H 3H 3H | |
| 017 | HIFI LOA 5B D . R22 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 P003 | 045 | 3H 3H 3H | |
| 031 | HIFI LOA 5B D . S23 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 P003 | 067 | 3H 3H 3H | |
| 017 | HIFI LOA 5B D . R23 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | | HHSVMCB3 | 26 | 311300 P003 | 066 | 3H 3H 3H | |
| NC | HIFI LOA 5B D . SHD82 | | HL.D.S - | | H508 | TS6CC-22 | 82 | 508-2 | CS-508-2 | HHSVMCB3 | 26 | 311300 P003 | 068 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 5B G . 1 | | HL.G.S - | | H509 | TS2CC-28 | 91 | 509-1 | | HHSVMCB3 | 26 | 311300 P003 | 097 | 3H 3H 3H | |
| 020 | HIFI LOA 5B G . 1RTN | | HL.G.S - | | H509 | TS2CC-28 | 91 | 509-1 | | HHSVMCB3 | 26 | 311300 P003 | 098 | 3H 3H 3H | |
| NC | HIFI LOA 5B G . SHD91 | | HL.G.S - | | H509 | TS2CC-28 | 91 | 509-1 | CS-509-1 | HHSVMCB3 | 26 | 311300 P003 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 005 | HIFI LOA 5B G . 2 | | HL.G.S - | | H509 | TS2CC-28 | 92 | 509-2 | | HHSVMCB3 | 26 | 311300 P003 | 086 | 3H 3H 3H | |
| 021 | HIFI LOA 5B G . 2RTN | | HL.G.S - | | H509 | TS2CC-28 | 92 | 509-2 | | HHSVMCB3 | 26 | 311300 P003 | 085 | 3H 3H 3H | |
| NC | HIFI LOA 5B G . SHD92 | | HL.G.S - | | H509 | TS2CC-28 | 92 | 509-2 | CS-509-2 | HHSVMCB3 | 26 | 311300 P003 | 074 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 5B . D1S | | HLX.S - | | H510 | TS2CC-28 | 1 | 510-1 | | HHSVMCB3 | 26 | 311300 P003 | 118 | 3H 3H 3H | |
| 018 | HIFI LOA 5B . D1SRT | | HLX.S - | | H510 | TS2CC-28 | 1 | 510-1 | | HHSVMCB3 | 26 | 311300 P003 | 126 | 3H 3H 3H | |
| NC | HIFI LOA 5B . SHD01 | | HLX.S - | | H510 | TS2CC-28 | 1 | 501-1 | CS-510-1 | HHSVMCB3 | 26 | 311300 P003 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 3H | |
| 003 | HIFI LOA 5B . D2S | | HLX.S - | | H510 | TS2CC-28 | 2 | 501-2 | | HHSVMCB3 | 26 | 311300 P003 | 119 | 3H 3H 3H | |
| 019 | HIFI LOA 5B . D2SRT | | HLX.S - | | H510 | TS2CC-28 | 2 | 501-2 | | HHSVMCB3 | 26 | 311300 P003 | 110 | 3H 3H 3H | |
| NC | HIFI LOA 5B . SHD02 | | HLX.S - | | H510 | TS2CC-28 | 2 | 501-2 | CS-510-2 | HHSVMCB3 | 26 | 311300 P003 | 109 | 3H 3H 3H | |
| - | | | | | | | | | | | | | | 1H | |
| 032 | HIFI LOA 5B . G1S | | HLX.S - | | H510 | TS2CC-28 | 3 | 510-3 | | HHSVMCB3 | 26 | 311300 P003 | 127 | 3H 3H 3H | |
| 018 | HIFI LOA 5B . G1SRT | | HLX.S - | | H510 | TS2CC-28 | 3 | 510-3 | | HHSVMCB3 | 26 | 311300 P003 | 128 | 3H 3H 3H | |

Pin Allocation List

(Harness)

Connector: 112100 P019
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-12

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 5B . SHD03 | | HLX.S - | | H510 | TS2CC-28 | 3 | 510-4 | | CS-510-3 | HHSVMCB3 | 26 | 311300 P003 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 5B . G2S | | HLX.S - | | H510 | TS2CC-28 | 4 | 510-4 | | | HHSVMCB3 | 26 | 311300 P003 | 111 | 3H 3H 3H |
| 019 | HIFI LOA 5B . G2SRT | | HLX.S - | | H510 | TS2CC-28 | 4 | 510-4 | | | HHSVMCB3 | 26 | 311300 P003 | 120 | 3H 3H 3H |
| NC | HIFI LOA 5B . SHD04 | | HLX.S - | | H510 | TS2CC-28 | 4 | 510-4 | | CS-510-4 | HHSVMCB3 | 26 | 311300 P003 | 109 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 5B T . VP | | HLT.S - | | H511 | TS2CC-28 | 11 | 511-1 | | | HHSVMCB3 | 26 | 311300 P003 | 092 | 3H 3H 3H |
| 022 | HIFI LOA 5B T . VN | | HLT.S - | | H511 | TS2CC-28 | 11 | 511-1 | | | HHSVMCB3 | 26 | 311300 P003 | 104 | 3H 3H 3H |
| NC | HIFI LOA 5B T . SHD11 | | HLT.S - | | H511 | TS2CC-28 | 11 | 511-1 | | CS-511-1 | HHSVMCB3 | 26 | 311300 P003 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 5B T . IP | | HLT.S - | | H511 | TS2CC-28 | 12 | 511-2 | | | HHSVMCB3 | 26 | 311300 P003 | 093 | 3H 3H 3H |
| 007 | HIFI LOA 5B T . IN | | HLT.S - | | H511 | TS2CC-28 | 12 | 511-2 | | | HHSVMCB3 | 26 | 311300 P003 | 081 | 3H 3H 3H |
| NC | HIFI LOA 5B T . SHD12 | | HLT.S - | | H511 | TS2CC-28 | 12 | 511-2 | | CS-511-2 | HHSVMCB3 | 26 | 311300 P003 | 070 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 5B P . L | | HLP.S - | | H512 | TS2CC-28 | 20 | | | | HHSVMCB3 | 26 | 311300 P003 | 039 | 3H 3H 3H |
| 024 | HIFI LOA 5B P . LRTN | | HLP.S - | | H512 | TS2CC-28 | 20 | | | | HHSVMCB3 | 26 | 311300 P003 | 040 | 3H 3H 3H |
| NC | HIFI LOA 5B P . SHD20 | | HLP.S - | | H512 | TS2CC-28 | 20 | | | CS-H512 | HHSVMCB3 | 26 | 311300 P003 | 028 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 5B MS . 1 | | HL2.S - | | H513 | TS2CC-28 | 31 | 513-1 | | | HHSVMCB3 | 26 | 311300 P003 | 117 | 3H 3H 3H |
| 028 | HIFI LOA 5B MS . 1RTN | | HL2.S - | | H513 | TS2CC-28 | 31 | 513-1 | | | HHSVMCB3 | 26 | 311300 P003 | 124 | 3H 3H 3H |
| NC | HIFI LOA 5B MS . SHD31 | | HL2.S - | | H513 | TS2CC-28 | 31 | 513-1 | | CSS-H513-1 | HHSVMCB3 | 26 | 311300 P003 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 5B MS . 2 | | HL2.S - | | H513 | TS2CC-28 | 32 | 513-2 | | | HHSVMCB3 | 26 | 311300 P003 | 123 | 3H 3H 3H |
| 043 | HIFI LOA 5B MS . 2RTN | | HL2.S - | | H513 | TS2CC-28 | 32 | 513-2 | | | HHSVMCB3 | 26 | 311300 P003 | 116 | 3H 3H 3H |
| NC | HIFI LOA 5B MS . SHD32 | | HL2.S - | | H513 | TS2CC-28 | 32 | 513-2 | | CSS-H513-2 | HHSVMCB3 | 26 | 311300 P003 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 013 | HIFI LOA 5B MS . 3 | | HL2.S - | | H513 | TS2CC-28 | 33 | 513-3 | | | HHSVMCB3 | 26 | 311300 P003 | 107 | 3H 3H 3H |
| 029 | HIFI LOA 5B MS . 3RTN | | HL2.S - | | H513 | TS2CC-28 | 33 | 513-3 | | | HHSVMCB3 | 26 | 311300 P003 | 122 | 3H 3H 3H |
| NC | HIFI LOA 5B MS . SHD33 | | HL2.S - | | H513 | TS2CC-28 | 33 | 513-3 | | CSS-H513-3 | HHSVMCB3 | 26 | 311300 P003 | 125 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 5B M . 1 | | HL6.S - | | H514 | TS2CC-28 | 41 | 514-1 | | | HHSVMCB3 | 26 | 311300 P003 | 112 | 3H 3H 3H |
| 039 | HIFI LOA 5B M . 1RTN | | HL6.S - | | H514 | TS2CC-28 | 41 | 514-1 | | | HHSVMCB3 | 26 | 311300 P003 | 121 | 3H 3H 3H |
| NC | HIFI LOA 5B M . SHD41 | | HL6.S - | | H514 | TS2CC-28 | 41 | 514-1 | | CS-514-1 | HHSVMCB3 | 26 | 311300 P003 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 451 (of 474)

Connector: 112100 P019
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-12

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|---------|------|--------|----------|-----|-------|--|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 009 | HIFI LOA 5B M . 2 | | HL6.S - | | H514 | TS2CC-28 | 42 | 514-2 | | | HHSVMCB3 | 26 | 311300 P003 | 113 | 3H 3H 3H |
| 025 | HIFI LOA 5B M . 2RTN | | HL6.S - | | H514 | TS2CC-28 | 42 | 514-2 | | | HHSVMCB3 | 26 | 311300 P003 | 102 | 3H 3H 3H |
| NC | HIFI LOA 5B M . SHD42 | | HL6.S - | | H514 | TS2CC-28 | 42 | 514-2 | CS-514-2 | | HHSVMCB3 | 26 | 311300 P003 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 010 | HIFI LOA 5B M . 3 | | HL6.S - | | H514 | TS2CC-28 | 43 | 514-3 | | | HHSVMCB3 | 26 | 311300 P003 | 103 | 3H 3H 3H |
| 026 | HIFI LOA 5B M . 3RTN | | HL6.S - | | H514 | TS2CC-28 | 43 | 514-3 | | | HHSVMCB3 | 26 | 311300 P003 | 114 | 3H 3H 3H |
| NC | HIFI LOA 5B M . SHD43 | | HL6.S - | | H514 | TS2CC-28 | 43 | 514-3 | CS-514-3 | | HHSVMCB3 | 26 | 311300 P003 | 091 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 12 pins are NC | | | | | | | | The following Pins are NC : | | | | | | |
| - | - | | | | | | | | ;011 ;014 ;015 ;023 ;027 ;030 ;034 ;035 ;037 ;040 ;041 ;044 | | | | | | |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

Sheet : 452 (of 474)

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Pin Allocation List

(Harness)

Connector: 112100 P013
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-12

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|-----------------------|----------------|----------|------|--------|----------|-----|-------|----------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 001 | HIFI LOA 6B D . S31 | | HL.D.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 P003 | 064 | 3H 3H 3H |
| 016 | HIFI LOA 6B D . R31 | | HL.D.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 P003 | 075 | 3H 3H 3H |
| 001 | HIFI LOA 6B D . S32 | | HL.D.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 P003 | 087 | 3H 3H 3H |
| 016 | HIFI LOA 6B D . R32 | | HL.D.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 P003 | 076 | 3H 3H 3H |
| 001 | HIFI LOA 6B D . S33 | | HL.D.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 P003 | 088 | 3H 3H 3H |
| 016 | HIFI LOA 6B D . R33 | | HL.D.S - | | H611 | TS6CC-22 | 15 | 611-1 | | | HHSVMCB3 | 26 | 311300 P003 | 059 | 3H 3H 3H |
| NC | HIFI LOA 6B D . SHD15 | | HL.D.S - | | H611 | TS6CC-22 | 15 | 611-1 | CS-611-1 | | HHSVMCB3 | 26 | 311300 P003 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 031 | HIFI LOA 6B D . S41 | | HL.D.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 P003 | 031 | 3H 3H 3H |
| 017 | HIFI LOA 6B D . R41 | | HL.D.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 P003 | 042 | 3H 3H 3H |
| 031 | HIFI LOA 6B D . S42 | | HL.D.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 P003 | 053 | 3H 3H 3H |
| 017 | HIFI LOA 6B D . R42 | | HL.D.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 P003 | 043 | 3H 3H 3H |
| 031 | HIFI LOA 6B D . S43 | | HL.D.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 P003 | 054 | 3H 3H 3H |
| 017 | HIFI LOA 6B D . R43 | | HL.D.S - | | H611 | TS6CC-22 | 16 | 611-2 | | | HHSVMCB3 | 26 | 311300 P003 | 065 | 3H 3H 3H |
| NC | HIFI LOA 6B D . SHD16 | | HL.D.S - | | H611 | TS6CC-22 | 16 | 611-2 | CS-611-2 | | HHSVMCB3 | 26 | 311300 P003 | 077 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 004 | HIFI LOA 6B G . 1 | | HL.G.S - | | H612 | TS2CC-28 | 21 | 612-1 | | | HHSVMCB3 | 26 | 311300 P003 | 063 | 3H 3H 3H |
| 020 | HIFI LOA 6B G . 1RTN | | HL.G.S - | | H612 | TS2CC-28 | 21 | 612-1 | | | HHSVMCB3 | 26 | 311300 P003 | 062 | 3H 3H 3H |
| NC | HIFI LOA 6B G . SHD21 | | HL.G.S - | | H612 | TS2CC-28 | 21 | 612-1 | CS-612-1 | | HHSVMCB3 | 26 | 311300 P003 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 005 | HIFI LOA 6B G . 2 | | HL.G.S - | | H612 | TS2CC-28 | 22 | 612-2 | | | HHSVMCB3 | 26 | 311300 P003 | 051 | 3H 3H 3H |
| 021 | HIFI LOA 6B G . 2RTN | | HL.G.S - | | H612 | TS2CC-28 | 22 | 612-2 | | | HHSVMCB3 | 26 | 311300 P003 | 052 | 3H 3H 3H |
| NC | HIFI LOA 6B G . SHD22 | | HL.G.S - | | H612 | TS2CC-28 | 22 | 612-2 | CS-612-2 | | HHSVMCB3 | 26 | 311300 P003 | 073 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 002 | HIFI LOA 6B . D1S | | HLX.S - | | H613 | TS2CC-28 | 36 | 613-1 | | | HHSVMCB3 | 26 | 311300 P003 | 037 | 3H 3H 3H |
| 018 | HIFI LOA 6B . D1SRT | | HLX.S - | | H613 | TS2CC-28 | 36 | 613-1 | | | HHSVMCB3 | 26 | 311300 P003 | 049 | 3H 3H 3H |
| NC | HIFI LOA 6B . SHD36 | | HLX.S - | | H613 | TS2CC-28 | 36 | 613-1 | CS-613-1 | | HHSVMCB3 | 26 | 311300 P003 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 003 | HIFI LOA 6B . D2S | | HLX.S - | | H613 | TS2CC-28 | 37 | 613-2 | | | HHSVMCB3 | 26 | 311300 P003 | 038 | 3H 3H 3H |
| 019 | HIFI LOA 6B . D2SRT | | HLX.S - | | H613 | TS2CC-28 | 37 | 613-2 | | | HHSVMCB3 | 26 | 311300 P003 | 026 | 3H 3H 3H |
| NC | HIFI LOA 6B . SHD37 | | HLX.S - | | H613 | TS2CC-28 | 37 | 613-2 | CS-613-2 | | HHSVMCB3 | 26 | 311300 P003 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 032 | HIFI LOA 6B . G1S | | HLX.S - | | H613 | TS2CC-28 | 38 | 613-3 | | | HHSVMCB3 | 26 | 311300 P003 | 016 | 3H 3H 3H |
| 018 | HIFI LOA 6B . G1SRT | | HLX.S - | | H613 | TS2CC-28 | 38 | 613-3 | | | HHSVMCB3 | 26 | 311300 P003 | 027 | 3H 3H 3H |

Pin Allocation List

(Harness)

Connector: 112100 P013
Item: HHLCU

Function / Bundle: HIFI LCU SIH-XH-12

Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-------|----------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| NC | HIFI LOA 6B . SHD38 | | HLX.S - | | H613 | TS2CC-28 | 38 | 613-3 | | CS-613-3 | HHSVMCB3 | 26 | 311300 P003 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 033 | HIFI LOA 6B . G2S | | HLX.S - | | H613 | TS2CC-28 | 39 | 613-4 | | | HHSVMCB3 | 26 | 311300 P003 | 015 | 3H 3H 3H |
| 019 | HIFI LOA 6B . G2SRT | | HLX.S - | | H613 | TS2CC-28 | 39 | 613-4 | | | HHSVMCB3 | 26 | 311300 P003 | 008 | 3H 3H 3H |
| NC | HIFI LOA 6B . SHD39 | | HLX.S - | | H613 | TS2CC-28 | 39 | 613-4 | | CS-613-4 | HHSVMCB3 | 26 | 311300 P003 | 025 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 036 | HIFI LOA 6B T . VP | | HLT.S - | | H614 | TS2CC-28 | 46 | 614-1 | | | HHSVMCB3 | 26 | 311300 P003 | 009 | 3H 3H 3H |
| 022 | HIFI LOA 6B T . VN | | HLT.S - | | H614 | TS2CC-28 | 46 | 614-1 | | | HHSVMCB3 | 26 | 311300 P003 | 017 | 3H 3H 3H |
| NC | HIFI LOA 6B T . SHD46 | | HLT.S - | | H614 | TS2CC-28 | 46 | 614-1 | | CS-614-1 | HHSVMCB3 | 26 | 311300 P003 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 006 | HIFI LOA 6B T . IP | | HLT.S - | | H614 | TS2CC-28 | 47 | 614-2 | | | HHSVMCB3 | 26 | 311300 P003 | 001 | 3H 3H 3H |
| 007 | HIFI LOA 6B T . IN | | HLT.S - | | H614 | TS2CC-28 | 47 | 614-2 | | | HHSVMCB3 | 26 | 311300 P003 | 002 | 3H 3H 3H |
| NC | HIFI LOA 6B T . SHD47 | | HLT.S - | | H614 | TS2CC-28 | 47 | 614-2 | | CS-614-2 | HHSVMCB3 | 26 | 311300 P003 | 003 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 008 | HIFI LOA 6B P . L | | HLP.S - | | H615 | TS2CC-28 | 50 | | | | HHSVMCB3 | 26 | 311300 P003 | 029 | 3H 3H 3H |
| 024 | HIFI LOA 6B P . LRTN | | HLP.S - | | H615 | TS2CC-28 | 50 | | | | HHSVMCB3 | 26 | 311300 P003 | 030 | 3H 3H 3H |
| NC | HIFI LOA 6B P . SHD50 | | HLP.S - | | H615 | TS2CC-28 | 50 | | | CS-H615 | HHSVMCB3 | 26 | 311300 P003 | 041 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | |
| 012 | HIFI LOA 6B MS . 1 | | HL3.S - | | H616 | TS2CC-28 | 61 | 616-1 | | | HHSVMCB3 | 26 | 311300 P003 | 058 | 3H 3H 3H |
| 028 | HIFI LOA 6B MS . 1RTN | | HL3.S - | | H616 | TS2CC-28 | 61 | 616-1 | | | HHSVMCB3 | 26 | 311300 P003 | 057 | 3H 3H 3H |
| NC | HIFI LOA 6B MS . SHD61 | | HL3.S - | | H616 | TS2CC-28 | 61 | 616-1 | | CS-616-1 | HHSVMCB3 | 26 | 311300 P003 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 042 | HIFI LOA 6B MS . 2 | | HL3.S - | | H616 | TS2CC-28 | 62 | 616-2 | | | HHSVMCB3 | 26 | 311300 P003 | 046 | 3H 3H 3H |
| 043 | HIFI LOA 6B MS . 2RTN | | HL3.S - | | H616 | TS2CC-28 | 62 | 616-2 | | | HHSVMCB3 | 26 | 311300 P003 | 047 | 3H 3H 3H |
| NC | HIFI LOA 6B MS . SHD62 | | HL3.S - | | H616 | TS2CC-28 | 62 | 616-2 | | CS-616-2 | HHSVMCB3 | 26 | 311300 P003 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 013 | HIFI LOA 6B MS . 3 | | HL3.S - | | H616 | TS2CC-28 | 63 | 616-3 | | | HHSVMCB3 | 26 | 311300 P003 | 034 | 3H 3H 3H |
| 029 | HIFI LOA 6B MS . 3RTN | | HL3.S - | | H616 | TS2CC-28 | 63 | 616-3 | | | HHSVMCB3 | 26 | 311300 P003 | 033 | 3H 3H 3H |
| NC | HIFI LOA 6B MS . SHD63 | | HL3.S - | | H616 | TS2CC-28 | 63 | 616-3 | | CS-616-3 | HHSVMCB3 | 26 | 311300 P003 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 044 | HIFI LOA 6B MS . 4 | | HL3.S - | | H616 | TS2CC-28 | 64 | 616-4 | | | HHSVMCB3 | 26 | 311300 P003 | 035 | 3H 3H 3H |
| 030 | HIFI LOA 6B MS . 4RTN | | HL3.S - | | H616 | TS2CC-28 | 64 | 616-4 | | | HHSVMCB3 | 26 | 311300 P003 | 024 | 3H 3H 3H |
| NC | HIFI LOA 6B MS . SHD64 | | HL3.S - | | H616 | TS2CC-28 | 64 | 616-4 | | CS-616-4 | HHSVMCB3 | 26 | 311300 P003 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |

Pin Allocation List

(Harness)

Project: **HERSCHEL**
Connector: 112100 P013
Item: HHLCU
Function / Bundle: HIFI LCU SIH-XH-12
Conn.-Type: SCC340100202BDBMA44PNMBFO
Backshell: CA-01-25

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|------------------------|----------------|---------|------|--------|----------|-----|-------|-----------------------------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| 014 | HIFI LOA 6B MS . 5 | | HL3.S - | | H616 | TS2CC-28 | 65 | 616-5 | | | HHSVMCB3 | 26 | 311300 P003 | 023 | 3H 3H 3H |
| 015 | HIFI LOA 6B MS . 5RTN | | HL3.S - | | H616 | TS2CC-28 | 65 | 616-5 | | | HHSVMCB3 | 26 | 311300 P003 | 014 | 3H 3H 3H |
| NC | HIFI LOA 6B MS . SHD65 | | HL3.S - | | H616 | TS2CC-28 | 65 | 616-5 | CS-616-5 | | HHSVMCB3 | 26 | 311300 P003 | 069 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 038 | HIFI LOA 6B M . 1 | | HL7.S - | | H617 | TS2CC-28 | 71 | 617-1 | | | HHSVMCB3 | 26 | 311300 P003 | 022 | 3H 3H 3H |
| 039 | HIFI LOA 6B M . 1RTN | | HL7.S - | | H617 | TS2CC-28 | 71 | 617-1 | | | HHSVMCB3 | 26 | 311300 P003 | 032 | 3H 3H 3H |
| NC | HIFI LOA 6B M . SHD71 | | HL7.S - | | H617 | TS2CC-28 | 71 | 617-1 | CSS-617-1 | | HHSVMCB3 | 26 | 311300 P003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 009 | HIFI LOA 6B M . 2 | | HL7.S - | | H617 | TS2CC-28 | 72 | 617-2 | | | HHSVMCB3 | 26 | 311300 P003 | 021 | 3H 3H 3H |
| 025 | HIFI LOA 6B M . 2RTN | | HL7.S - | | H617 | TS2CC-28 | 72 | 617-2 | | | HHSVMCB3 | 26 | 311300 P003 | 013 | 3H 3H 3H |
| NC | HIFI LOA 6B M . SHD72 | | HL7.S - | | H617 | TS2CC-28 | 72 | 617-2 | CS-617-2 | | HHSVMCB3 | 26 | 311300 P003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| 010 | HIFI LOA 6B M . 3 | | HL7.S - | | H617 | TS2CC-28 | 73 | 617-3 | | | HHSVMCB3 | 26 | 311300 P003 | 006 | 3H 3H 3H |
| 026 | HIFI LOA 6B M . 3RTN | | HL7.S - | | H617 | TS2CC-28 | 73 | 617-3 | | | HHSVMCB3 | 26 | 311300 P003 | 007 | 3H 3H 3H |
| NC | HIFI LOA 6B M . SHD73 | | HL7.S - | | H617 | TS2CC-28 | 73 | 617-3 | CSS-617-3 | | HHSVMCB3 | 26 | 311300 P003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 041 | HIFI LOA 6B M . 4 | | HL7.S - | | H617 | TS2CC-28 | 74 | 617-4 | | | HHSVMCB3 | 26 | 311300 P003 | 012 | 3H 3H 3H |
| 040 | HIFI LOA 6B M . 4RTN | | HL7.S - | | H617 | TS2CC-28 | 74 | 617-4 | | | HHSVMCB3 | 26 | 311300 P003 | 005 | 3H 3H 3H |
| NC | HIFI LOA 6B M . SHD74 | | HL7.S - | | H617 | TS2CC-28 | 74 | 617-4 | CSS-617-4 | | HHSVMCB3 | 26 | 311300 P003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 3H |
| 011 | HIFI LOA 6B M . 5 | | HL7.S - | | H617 | TS2CC-28 | 75 | 617-5 | | | HHSVMCB3 | 26 | 311300 P003 | 020 | 3H 3H 3H |
| 027 | HIFI LOA 6B M . 5RTN | | HL7.S - | | H617 | TS2CC-28 | 75 | 617-5 | | | HHSVMCB3 | 26 | 311300 P003 | 011 | 3H 3H 3H |
| NC | HIFI LOA 6B M . SHD75 | | HL7.S - | | H617 | TS2CC-28 | 75 | 617-5 | CSS-617-5 | | HHSVMCB3 | 26 | 311300 P003 | 004 | 3H 3H 3H |
| - | | | | | | | | | | | | | | | 1H |
| CH | Overall Shield | | | | | | | | Overall Shield con to CH | | | | | | 1H |
| - | | | | | | | | | | | | | | | 1H |
| - | 4 pins are NC | | | | | | | | The following Pins are NC : | | | | | | 3H |
| - | - | | | | | | | | ;023 ;034 ;035 ;037 | | | | | | |

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Pin Allocation List

(Harness)

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Connector: 311300 P007**Item:** HHSVMCB3**Function / Bundle:** HIFI SVM CB3 Coax SIH-XH-21**Conn.-Type:** Coax Female (50 Ohm)**Backshell:** TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|-------|--------------------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| A1C | HIFI IF1 - H . SIG | | HIF.- | - | H093 | CX1----- | 1 | | | Semi ri coax 50Ohm | HH3DH | 16 | 112700 P001 | A1C | 1H 1H 1H |
| A1S | HIFI IF1 - H . SHD | | HIF.- | - | H093 | CX1----- | 1 | | | CS-H093 | HH3DH | 16 | 112700 P001 | A1S | 1H 1H 1H |

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Connector: 112700 P001
Item: HH3DH

Function / Bundle: HRS-H IF Sig SIH-XH-21

Conn.-Type: SMA Male
Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|----------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| A1C | HIFI IF1 - H . SIG | | HIF.- | - | H093 | CX1----- | | | | | HHSVMCB3 | 26 | 311300 P007 | A1C | 1H 1H 1H |
| A1S | HIFI IF1 - H . SHD | | HIF.- | - | H093 | CX1----- | | | CS-H093 | | HHSVMCB3 | 26 | 311300 P007 | A1S | 1H 1H 1H |

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Project: **HERSCHEL**

Pin Allocation List (Harness)

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Connector: 311300 P008
Item: HHSVMCB3

Function / Bundle: HIFI SVM CB3 Coax SIH-XH-22

Conn.-Type: Coax Female (50 Ohm)
Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|
| | | Circuit | Signal | Pos. | | | | | | | | | | | |
| B1C | HIFI IF2 - H . SIG | | HIF.- | - | H094 | CX1----- | 1 | | | | HH3DH | 16 | 112700 P002 | B1C | 1H 2H |
| B1S | HIFI IF2 - H . SHD | | HIF.- | - | H094 | CX1----- | 1 | | CS-H094 | | HH3DH | 16 | 112700 P002 | B1S | 1H 2H |

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Connector: 112700 P002

Function / Bundle: WBS-H IF Sig SIH-XH-22

Conn.-Type: SMA Male

Item: HH3DH

Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 2H | 1H |
| B1C | HIFI IF2 - H . SIG | | HIF.- | - | H094 | CX1----- | | | | | HHSVMCB3 | 26 | 311300 P008 | B1C | 2H | 1H |
| B1S | HIFI IF2 - H . SHD | | HIF.- | - | H094 | CX1----- | | | CS-H094 | | HHSVMCB3 | 26 | 311300 P008 | B1S | 2H | 1H |

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Project: **HERSCHEL**

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Connector: 311300 P009
Item: HHSVMCB3

Function / Bundle: HIFI SVM CB3 Coax SIH-XH-23

Conn.-Type: Coax Female (50 Ohm)
Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| C1C | HIFI IF1 - V . SIG | | HIF.- | - | H095 | CX1----- | 1 | | | | HH3DV | 16 | 112800 P001 | C1C | 1H | 1H |
| C1S | HIFI IF1 - V . SHD | | HIF.- | - | H095 | CX1----- | 1 | | CS-H095 | | HH3DV | 16 | 112800 P001 | C1S | 1H | 1H |

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Connector: 112800 P001
Item: HH3DV

Function / Bundle: HRS-V IF Sig SIH-XH-23

Conn.-Type: SMA Male
Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| C1C | HIFI IF1 - V . SIG | | HIF.- | - | H095 | CX1----- | | | | | HHSVMCB3 | 26 | 311300 P009 | C1C | 1H | 1H |
| C1S | HIFI IF1 - V . SHD | | HIF.- | - | H095 | CX1----- | | | CS-H095 | | HHSVMCB3 | 26 | 311300 P009 | C1S | 1H | 1H |

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Doc. No. : HP-2-ASED-IC-0014

Issue : 2.1 Date : 16.12.2005

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Connector: 311300 P010**Item:** HHSVMCB3**Function / Bundle:** HIFI SVM CB3 Coax SIH-XH-24**Conn.-Type:** Coax Female (50 Ohm)**Backshell:** TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| D1C | HIFI IF2 - V . SIG | | HIF.- | - | H096 | CX1----- | 1 | | | | HH3DV | 16 | 112800 P002 | D1C | 1H | 1H |
| D1S | HIFI IF2 - V . SHD | | HIF.- | - | H096 | CX1----- | 1 | | CS-H096 | | HH3DV | 16 | 112800 P002 | D1S | 1H | 1H |

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

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Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

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Connector: 112800 P002
Item: HH3DV

Function / Bundle: WBS-V IF Sig SIH-XH-24

Conn.-Type: SMA Male
Backshell: TBD

| Pin | Signal Designation | Interface-Code | | | Ch. ID | Wiring | Shd | Cable | Twist | Comment | Target-Item | Location | Connector | Pin | Changed | |
|-----|--------------------|----------------|--------|------|--------|----------|-----|-------|---------|---------|-------------|----------|-------------|-----|---------|----|
| | | Circuit | Signal | Pos. | | | | | | | | | | | 1H | 1H |
| D1C | HIFI IF2 - V . SIG | | HIF.- | - | H096 | CX1----- | | | | | HHSVMCB3 | 26 | 311300 P010 | D1C | 1H | 1H |
| D1S | HIFI IF2 - V . SHD | | HIF.- | - | H096 | CX1----- | | | CS-H096 | | HHSVMCB3 | 26 | 311300 P010 | D1S | 1H | 1H |

Astrium GmbH

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Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0014

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END OF DOCUMENT

| | Name | Dep./Comp. | | Name | Dep./Comp. |
|---|-------------------------|--------------|---|----------------------------------|------------|
| | Alberti von Mathias Dr. | AOE22 | x | Sonn Nico | AOE51 |
| x | Barlage Bernhard | AED11 | | Steininger Eric | AED44 |
| x | Bayer Thomas | AOA52 | | Stritter Rene | AED11 |
| | Brune Holger | AOA55 | | Thörmer Klaus-Horst Dr. | OTN/AED65 |
| x | Fehringer Alexander | AOE13 | | Wagner Klaus | AOE22 |
| x | Fricke Wolfgang Dr. | AED 65 | x | Wietbrock Walter | AET12 |
| | Geiger Hermann | AOA52 | | Wöhler Hans | AOE22 |
| x | Gerner Willi | AED11 | | Wössner Ulrich | ASE442 |
| x | Grasl Andreas | OTN/AOA54 | | | |
| | Grasshoff Brigitte | AET12 | | | |
| | Hauser Armin | AOE22 | | | |
| x | Hendry David | Terma Resid. | | | |
| | Hengstler Reinhold | AOA 5 | | | |
| | Hinger Jürgen | AOE22 | x | Alcatel | ASP |
| | Hofmann Rolf | ASE442 | x | ESA/ESTEC | ESA |
| x | Hohn Rüdiger | AED65 | | Instruments: | |
| | Huber Johann | AOA52 | | MPE (PACS) | MPE |
| x | Hund Walter | ASE442 | | RAL (SPIRE) | RAL |
| x | Idler Siegmund | AED432 | x | SRON (HIFI) | SRON |
| | Ilse Stijn | Terma Resid. | | Subcontractors: | |
| | Ivány von András | FAE22 | | Air Liquide, Space Department | AIR |
| | Jahn Gerd Dr. | AOE22 | | Air Liquide, Space Department | AIRS |
| | Kalde Clemens | APE3 | | Air Liquide, Orbital System | AIRT |
| x | Kameter Rudolf | OTN/AOA54 | | Alcatel Bell Space | ABSP |
| | Kettner Bernhard | AET42 | | Astrium Sub-Subsyst. & Equipment | ASSE |
| x | Knoblauch August | AET32 | | Austrian Aerospace | AAE |
| x | Koelle Markus | AOA53 | | Austrian Aerospace | AAEM |
| x | Kroeker Jürgen | AED65 | | APCO Technologies S. A. | APCO |
| | Kunz Oliver Dr. | AOE22 | | Bieri Engineering B. V. | BIER |
| | Lamprecht Ernst | OTN/ASI21 | | BOC Edwards | BOCE |
| x | Lang Jürgen | ASE442 | | Dutch Space Solar Arrays | DSSA |
| | Langenstein Rolf | AED15 | | EADS CASA Espacio | CASA |
| | Langfermann Michael | AOA51 | | EADS CASA Espacio | ECAS |
| | Mack Paul | OTN/AOA54 | | EADS Space Transportation | ASIP |
| | Müller Jörg | AOA52 | | Eurocopter | ECD |
| | Müller Ralf | FAE22 | | European Test Services | ETS |
| | Peltz Heinz-Willi | AOE13 | | HTS AG Zürich | HTSZ |
| | Pietroboni Karin | AED65 | | Linde | LIND |
| | Platzer Wilhelm | AED22 | | Patria New Technologies Oy | PANT |
| | Reichle Konrad | AOA52 | | Phoenix, Volkmarsen | PHOE |
| | Reuß Friedhelm | AED62 | | Prototech AS | PROT |
| x | Rühe Wolfgang | AED65 | | QMC Instruments Ltd. | QMC |
| | Runge Axel | OTN/AOA54 | | Rembe, Brilon | REMB |
| | Sachsse Bernt | AED21 | | Rosemount Aerospace GmbH | ROSE |
| | Schink Dietmar | AED44 | | RYMSA, Radiación y Microondas | RYM |
| x | Schlosser Christian | OTN/AOA54 | | SENER Ingenieria SA | SEN |
| | Schmidt Rudolf | FAE22 | | Stöhr, Königsbrunn | STOE |
| | Schweickert Gunn | AOE22 | | Terma A/S, Herlev | TER |