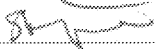
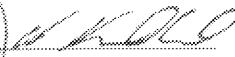

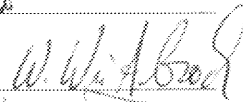



Title: **EPLM PACS SIH EICD
PFM**

CI-No: 121432

Prepared by:	<u>E. Steininger</u> 	Date:	<u>26.11.2004</u>
Checked by:	<u>A. Knoblauch</u> 		<u>26.11.2004</u>
Product Assurance:	<u>R. Stritter</u> 		<u>R. U. d.</u>
Configuration Control:	<u>W. Wietbrock</u> 		<u>30.11.04</u>
Project Management:	<u>W. Rühle</u> 		<u>30.11.04</u>

Distribution: See Distribution List (last page)

Copying of this document, and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of a utility model or design.

Issue	Date	Sheet	Description of Change	Release
1.0	04.05.04	All	Release of the document	-
1.1 DR	13.05.04		- redlined version of issue 1.0 according to PACS IIDB issue 3.2	
2.0	26.11.04	All	<ul style="list-style-type: none"> - implementation of HP-2-ASED-DC-0016; 29.10.2004 - incorporate, update and streamlining especially of SVM part according : <ul style="list-style-type: none"> • Herschel/Planck Instrument Interface Document, Part B; Instrument "PACS", SCI-PT-IIDB/PACS-02126, Issue 3.2, 02.03.04 • Cryo Harness Interconnection diagram - SIH PACS, HP-2-ASED-ID-0089; Issue B, 18.09.2003 • CRYO-HARNES BRANCH CHARACTERISTICS, HP-2-ASED-TN-0085, issue 2.2 19.07.2004 	

Table of Content

1	Scope	6
2	Documents	7
2.1	Applicable Documents	7
2.2	Reference Documents	7
3	EPLM PACS SIH PFM Pin Allocation List Harness	8

Table of Figures

-

List of Tables

-

1 Scope

This Interface Control Document (ICD) describes the electrical interfaces of the HERSCHEL EPLM PACS 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 PACS scientific instrument harness (PACS-SIH) is designed to interconnect the PACS instrument units at the FPU with the PACS 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 PACS 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 ;
(currently in sign loop)
- [AD2] Herschel/Planck Instrument Interface Document, Part A,
SCI-PT-IIDA-04624 issue 3.1 12.02.2004
- [AD3] Herschel/Planck Instrument Interface Document, Part B; Instrument "PACS",
SCI-PT-IIDB/PACS-02126, Issue 3.2, 02.03.04
- [AD4] Cryo Harness Interconnection diagram - SIH PACS,
HP-2-ASED-ID-0089; Issue B, 18.09.2003
- [AD5] CRYO-HARNESSE BRANCH CHARACTERISTICS,
HP-2-ASED-TN-0085, issue 2.2 19.07.2004

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 PACS SIH PFM Pin Allocation List Harness

This chapter contains the pin allocation list harness of the PACS SIH.

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

Example : 132100 **P53** --> 132100 **P053**

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-0001 [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.

All not used wire (**NU**) are connected to the corresponding chassis (**CH**) (back shell or connector housing).

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

Pin Allocation List

(Harness)

Connector: 131100 P010
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-01 (2,3)

Conn.-Type: MWDM2L-31P-6C3-.630

Backshell: BS-SS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.												
003	PACS DC Supply Gr 1 . VDDa1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	107	2C	2C
003	PACS DC Supply Gr 1 . VDDa1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	107	2C	2C
019	PACS DC Supply Gr 1 . VDas1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	116		
004	PACS DC Supply Gr 1 . VSS1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	123	2C	2C
004	PACS DC Supply Gr 1 . VSS1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	123	2C	2C
020	PACS DC Supply Gr 1 . VSSs1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	124		
005	PACS DC Supply Gr 1 . CaP1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	108		
021	PACS DC Supply Gr 1 . CaPs1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	117	1P	
006	PACS DC Supply Gr 1 . CaN1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	109		2C
022	PACS DC Supply Gr 1 . CaNs1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	118		
007	PACS DC Supply Gr 1 . CaN11		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	125		1P
023	PACS DC Supply Gr 1 . CN1s1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	126		
008	PACS DC Supply Gr 1 . CaN21		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	110		
024	PACS DC Supply Gr 1 . CN2s1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	119		
009	PACS DC Supply Gr 1 . VDDR1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	127		
025	PACS DC Supply Gr 1 . VDRs1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	128		
010	PACS DC Supply Gr 1 . LVL1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	111		
026	PACS DC Supply Gr 1 . LVLs1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	120		
011	PACS DC Supply Gr 1 . WELL1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	121		
027	PACS DC Supply Gr 1 . WELs1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	114		
012	PACS DC Supply Gr 1 . SUB1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	112		
028	PACS DC Supply Gr 1 . SUBs1		PD2.-	-	P002	241SS-38	2				CVVUCR	33	211121 J009	113		
018	PACS DC Supply Gr 1 . SH002		PD2.-	-	P002	241SS-38	2			CS-P002	CVVUCR	33	211121 J009	122	1P	1P
-										2 NU wires con to CS-P002						1P
-																
013	PACS Detec Bias Gr 1 . SH003		PD3.-	-	P003	061SS-38	3			CS-P003	CVVUCR	33	211121 J009	090	1P	1P
029	PACS Detec Bias Gr 1 . Zero1		PD3.-	-	P003	061SS-38	3				CVVUCR	33	211121 J009	104	1P	2C
014	PACS Detec Bias Gr 1 . Zers1		PD3.-	-	P003	061SS-38	3				CVVUCR	33	211121 J009	103		
030	PACS Detec Bias Gr 1 . Gnd1		PD3.-	-	P003	061SS-38	3				CVVUCR	33	211121 J009	092		1P
015	PACS Detec Bias Gr 1 . GnSe1		PD3.-	-	P003	061SS-38	3				CVVUCR	33	211121 J009	102		
031	PACS Detec Bias Gr 1 . R1		PD3.-	-	P003	061SS-38	3				CVVUCR	33	211121 J009	093		
016	PACS Detec Bias Gr 1 . Rs1		PD3.-	-	P003	061SS-38	3				CVVUCR	33	211121 J009	091		
-																
001	NC															

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 10 (of 464)

Connector: 131100 P010
 HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-01 (2,3)

Conn.-Type: MWDM2L-31P-6C3-.630

Backshell: BS-SS-17E-01

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

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 11 (of 464)

Connector: 131100 P011
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-01 (1)

Conn.-Type: MWDM2L-15P-6C3-.630

Backshell: BS-LS-17B-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
001	PACS Logic Supply Gr 1 . SELC1		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	089	1P	2C
009	PACS Logic Supply Gr 1 . SEL11		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	101		
002	PACS Logic Supply Gr 1 . SEL21		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	100		
010	PACS Logic Supply Gr 1 . CaDs1		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	088		1P
003	PACS Logic Supply Gr 1 . CaD1		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	087		
011	PACS Logic Supply Gr 1 . CnDs1		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	099		
004	PACS Logic Supply Gr 1 . CnD1		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	098		
012	PACS Logic Supply Gr 1 . VDDs1		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	086		
005	PACS Logic Supply Gr 1 . VDDd1		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	097	2C	2C
005	PACS Logic Supply Gr 1 . VDDd1		PD1.-	-	P001	111SS-38	1				CVVUCR	33	211121 J009	097	2C	2C
013	PACS Logic Supply Gr 1 . SH001		PD1.-	-	P001	111SS-38	1			CS-P001	CVVUCR	33	211121 J009	085	1P	1P
-										1 NU wire con to CS-P001						1P
006	NC															
014	NC															
007	NC															
015	NC															
008	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 12 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P012
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-01 (13a,17-23)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 01 1 . 1		PDO.-	-	P017	012SS-38	17			TRIAx	CVVUCR	33	211121 J009	070	1P 1P
014	PACS Detec Out 01 1 . I		PDO.-	-	P017	012SS-38	17			inner Shield	CVVUCR	33	211121 J009	069	
015	PACS Detec Out 01 1 . O		PDO.-	-	P017	012SS-38	17			outer shield	CVVUCR	33	211121 J009	081	
-															
016	PACS Detec Out 02 1 . 1		PDO.-	-	P018	012SS-38	18			TRIAx	CVVUCR	33	211121 J009	079	1P 1P
003	PACS Detec Out 02 1 . I		PDO.-	-	P018	012SS-38	18			inner Shield	CVVUCR	33	211121 J009	080	
004	PACS Detec Out 02 1 . O		PDO.-	-	P018	012SS-38	18			outer shield	CVVUCR	33	211121 J009	068	
-															
005	PACS Detec Out 03 1 . 1		PDO.-	-	P019	012SS-38	19			TRIAx	CVVUCR	33	211121 J009	066	1P 1P
017	PACS Detec Out 03 1 . I		PDO.-	-	P019	012SS-38	19			inner Shield	CVVUCR	33	211121 J009	078	
018	PACS Detec Out 03 1 . O		PDO.-	-	P019	012SS-38	19			outer shield	CVVUCR	33	211121 J009	067	
-															
019	PACS Detec Out 04 1 . 1		PDO.-	-	P020	012SS-38	20			TRIAx	CVVUCR	33	211121 J009	076	1P 1P
006	PACS Detec Out 04 1 . I		PDO.-	-	P020	012SS-38	20			inner Shield	CVVUCR	33	211121 J009	065	
007	PACS Detec Out 04 1 . O		PDO.-	-	P020	012SS-38	20			outer shield	CVVUCR	33	211121 J009	077	
-															
008	PACS Detec Out 05 1 . 1		PDO.-	-	P021	012SS-38	21			TRIAx	CVVUCR	33	211121 J009	073	1P 1P
020	PACS Detec Out 05 1 . I		PDO.-	-	P021	012SS-38	21			inner Shield	CVVUCR	33	211121 J009	062	
021	PACS Detec Out 05 1 . O		PDO.-	-	P021	012SS-38	21			outer shield	CVVUCR	33	211121 J009	074	
-															
022	PACS Detec Out 06 1 . 1		PDO.-	-	P022	012SS-38	22			TRIAx	CVVUCR	33	211121 J009	095	1P 1P
009	PACS Detec Out 06 1 . I		PDO.-	-	P022	012SS-38	22			inner Shield	CVVUCR	33	211121 J009	084	
010	PACS Detec Out 06 1 . O		PDO.-	-	P022	012SS-38	22			outer shield	CVVUCR	33	211121 J009	096	
-															
011	PACS Detec Out 07 1 . 1		PDO.-	-	P023	012SS-38	23			TRIAx	CVVUCR	33	211121 J009	071	1P 1P
023	PACS Detec Out 07 1 . I		PDO.-	-	P023	012SS-38	23			inner Shield	CVVUCR	33	211121 J009	083	
024	PACS Detec Out 07 1 . O		PDO.-	-	P023	012SS-38	23			outer shield	CVVUCR	33	211121 J009	072	
-															
025	PACS Detec Outref a Gr 1 . 1		PDR.-	-	P13A	012SS-38	13			TRIAx	CVVUCR	33	211121 J009	048	1P 1P
012	PACS Detec Outref a Gr 1 . I		PDR.-	-	P13A	012SS-38	13			inner Shield	CVVUCR	33	211121 J009	049	
013	PACS Detec Outref a Gr 1 . O		PDR.-	-	P13A	012SS-38	13			outer shield	CVVUCR	33	211121 J009	060	
001	NC														

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 14 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P013
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-01 (13b,24-31)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 08 1 . 1		PDO.-	-	P024	012SS-38	24			TRIAX	CVVUCR	33	211121 J009	063	1P 1P
014	PACS Detec Out 08 1 . I		PDO.-	-	P024	012SS-38	24			inner Shield	CVVUCR	33	211121 J009	075	
015	PACS Detec Out 08 1 . O		PDO.-	-	P024	012SS-38	24			outer Shield	CVVUCR	33	211121 J009	064	
-															
016	PACS Detec Out 09 1 . 1		PDO.-	-	P025	012SS-38	25			TRIAX	CVVUCR	33	211121 J009	047	1P 1P
003	PACS Detec Out 09 1 . I		PDO.-	-	P025	012SS-38	25			inner Shield	CVVUCR	33	211121 J009	046	
004	PACS Detec Out 09 1 . O		PDO.-	-	P025	012SS-38	25			outer Shield	CVVUCR	33	211121 J009	058	
-															
005	PACS Detec Out 10 1 . 1		PDO.-	-	P026	012SS-38	26			TRIAX	CVVUCR	33	211121 J009	057	1P 1P
017	PACS Detec Out 10 1 . I		PDO.-	-	P026	012SS-38	26			inner Shield	CVVUCR	33	211121 J009	056	
018	PACS Detec Out 10 1 . O		PDO.-	-	P026	012SS-38	26			outer Shield	CVVUCR	33	211121 J009	045	
-															
019	PACS Detec Out 11 1 . 1		PDO.-	-	P027	012SS-38	27			TRIAX	CVVUCR	33	211121 J009	044	1P 1P
006	PACS Detec Out 11 1 . I		PDO.-	-	P027	012SS-38	27			inner Shield	CVVUCR	33	211121 J009	043	
007	PACS Detec Out 11 1 . O		PDO.-	-	P027	012SS-38	27			outer Shield	CVVUCR	33	211121 J009	055	
-															
008	PACS Detec Out 12 1 . 1		PDO.-	-	P028	012SS-38	28			TRIAX	CVVUCR	33	211121 J009	042	1P 1P
020	PACS Detec Out 12 1 . I		PDO.-	-	P028	012SS-38	28			inner Shield	CVVUCR	33	211121 J009	053	
021	PACS Detec Out 12 1 . O		PDO.-	-	P028	012SS-38	28			outer Shield	CVVUCR	33	211121 J009	054	
-															
022	PACS Detec Out 13 1 . 1		PDO.-	-	P029	012SS-38	29			TRIAX	CVVUCR	33	211121 J009	040	1P 1P
009	PACS Detec Out 13 1 . I		PDO.-	-	P029	012SS-38	29			inner Shield	CVVUCR	33	211121 J009	041	
010	PACS Detec Out 13 1 . O		PDO.-	-	P029	012SS-38	29			outer Shield	CVVUCR	33	211121 J009	052	
-															
011	PACS Detec Outref b Gr 1 . 1		PDR.-	-	P13B	012SS-38	13			TRIAX	CVVUCR	33	211121 J009	050	1P 1P
023	PACS Detec Outref b Gr 1 . I		PDR.-	-	P13B	012SS-38	13			inner Shield	CVVUCR	33	211121 J009	039	
024	PACS Detec Outref b Gr 1 . O		PDR.-	-	P13B	012SS-38	13			outer Shield	CVVUCR	33	211121 J009	051	
-															
012	PACS Detec Synch Gr 1 . SIG		PDS.-	-	P030	021SS-38	30				CVVUCR	33	211121 J009	017	1P 2C
012	PACS Detec Synch Gr 1 . SIG		PDS.-	-	P030	021SS-38	30				CVVUCR	33	211121 J009	017	1P 2C
025	PACS Detec Synch Gr 1 . SH030		PDS.-	-	P030	021SS-38	30			CS- P030	CVVUCR	33	211121 J009	009	1P 1P
-															
013	PACS Detec Clock Gr 1 . SIG		PDC.-	-	P031	021SS-38	31				CVVUCR	33	211121 J009	018	1P 2C

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 16 (of 464)

Connector: 131100 P013
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-01 (13b,24-31)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
013	PACS Detec Clock Gr 1 . SIG		PDC.-	-	P031	021SS-38	31				CVVUCR	33	211121 J009	018	1P 2C
025	PACS Detec Clock Gr 1 . SH031		PDC.-	-	P031	021SS-38	31			CS- P031	CVVUCR	33	211121 J009	028	1P 1P
-															
001	NC														

Pin Allocation List (Harness)

Connector: 131100 P014
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-01 (75)

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

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
009	PACS Detec Tsens 1/2 . I161		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	020	1P	2C
002	PACS Detec Tsens 1/2 . U161		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	031		
010	PACS Detec Tsens 1/2 . U261		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	021		
003	PACS Detec Tsens 1/2 . U361		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	032		1P
011	PACS Detec Tsens 1/2 . I261		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	022		
004	PACS Detec Tsens 1/2 . I1192		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	033		
012	PACS Detec Tsens 1/2 . U1192		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	023		
005	PACS Detec Tsens 1/2 . U2192		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	034		
013	PACS Detec Tsens 1/2 . U3192		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	024		
006	PACS Detec Tsens 1/2 . I2192		PDT.-	-	P075	111SS-38	75				CVVUCR	33	211121 J009	035		
001	PACS Detec Tsens 1/2 . SH075		PDT.-	-	P075	111SS-38	75			CS-P075	CVVUCR	33	211121 J009	030	1P	1P
-										1 NU wire con to CS-P075						1P
014	NC															
007	NC															
015	NC															
008	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 18 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 J009
CVVUCR

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b,24-31;75)

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.											
107	PACS DC Supply Gr 1 . VDDa1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	003	2C 2C
107	PACS DC Supply Gr 1 . VDDa1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	003	2C 2C
116	PACS DC Supply Gr 1 . VDas1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	019	
123	PACS DC Supply Gr 1 . VSS1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	004	2C 2C
123	PACS DC Supply Gr 1 . VSS1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	004	2C 2C
124	PACS DC Supply Gr 1 . VSSs1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	020	
108	PACS DC Supply Gr 1 . CaP1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	005	
117	PACS DC Supply Gr 1 . CaPs1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	021	1P
109	PACS DC Supply Gr 1 . CaN1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	006	2C
118	PACS DC Supply Gr 1 . CaNS1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	022	
125	PACS DC Supply Gr 1 . CaN11		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	007	1P
126	PACS DC Supply Gr 1 . CN1s1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	023	
110	PACS DC Supply Gr 1 . CaN21		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	008	
119	PACS DC Supply Gr 1 . CN2s1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	024	
127	PACS DC Supply Gr 1 . VDDR1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	009	
128	PACS DC Supply Gr 1 . VDRs1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	025	
111	PACS DC Supply Gr 1 . LVL1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	010	
120	PACS DC Supply Gr 1 . LVLs1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	026	
121	PACS DC Supply Gr 1 . WELL1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	011	
114	PACS DC Supply Gr 1 . WELs1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	027	
112	PACS DC Supply Gr 1 . SUB1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	012	
113	PACS DC Supply Gr 1 . SUBs1		PD2.-	-	P002	241SS-38	1				HPFPU	70	131100 P010	028	
122	PACS DC Supply Gr 1 . SH002		PD2.-	-	P002	241SS-38	1			CS-P002	HPFPU	70	131100 P010	018	1P 1P
-										2 NU wires con to CS-P002					1P
-															
104	PACS Detec Bias Gr 1 . Zero1		PD3.-	-	P003	061SS-38	2				HPFPU	70	131100 P010	029	2C 1P
103	PACS Detec Bias Gr 1 . Zers1		PD3.-	-	P003	061SS-38	2				HPFPU	70	131100 P010	014	
092	PACS Detec Bias Gr 1 . Gnd1		PD3.-	-	P003	061SS-38	2				HPFPU	70	131100 P010	030	1P
102	PACS Detec Bias Gr 1 . GnSe1		PD3.-	-	P003	061SS-38	2				HPFPU	70	131100 P010	015	
093	PACS Detec Bias Gr 1 . R1		PD3.-	-	P003	061SS-38	2				HPFPU	70	131100 P010	031	
091	PACS Detec Bias Gr 1 . Rs1		PD3.-	-	P003	061SS-38	2				HPFPU	70	131100 P010	016	
090	PACS Detec Bias Gr 1 . SH003		PD3.-	-	P003	061SS-38	2			CS-P003	HPFPU	70	131100 P010	013	1P 1P
-															
089	PACS Logic Supply Gr 1 . SELC1		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	001	2C 1P

Pin Allocation List

(Harness)

Connector: 211121 J009
 CVVUCR

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b,24-31;75)

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.											
101	PACS Logic Supply Gr 1 . SEL11		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	009	
100	PACS Logic Supply Gr 1 . SEL21		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	002	
088	PACS Logic Supply Gr 1 . CaDs1		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	010	1P
087	PACS Logic Supply Gr 1 . CaD1		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	003	
099	PACS Logic Supply Gr 1 . CnDs1		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	011	
098	PACS Logic Supply Gr 1 . CnD1		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	004	
086	PACS Logic Supply Gr 1 . VDDs1		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	012	
097	PACS Logic Supply Gr 1 . VDDd1		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	005	2C 2C
097	PACS Logic Supply Gr 1 . VDDd1		PD1.-	-	P001	111SS-38	3				HPFPU	70	131100 P011	005	2C 2C
085	PACS Logic Supply Gr 1 . SH001		PD1.-	-	P001	111SS-38	3			CS-P001	HPFPU	70	131100 P011	013	1P 1P
-										1 NU wire con to CS-P001					1P
-															
070	PACS Detec Out 01 1 . 1		PDO.-	-	P017	012SS-38	4			TRIAX	HPFPU	70	131100 P012	002	1P 1P
069	PACS Detec Out 01 1 . I		PDO.-	-	P017	012SS-38	4			inner Shield	HPFPU	70	131100 P012	014	
081	PACS Detec Out 01 1 . O		PDO.-	-	P017	012SS-38	4			outer Shield	HPFPU	70	131100 P012	015	
-															
079	PACS Detec Out 02 1 . 1		PDO.-	-	P018	012SS-38	5			TRIAX	HPFPU	70	131100 P012	016	1P 1P
080	PACS Detec Out 02 1 . I		PDO.-	-	P018	012SS-38	5			inner Shield	HPFPU	70	131100 P012	003	
068	PACS Detec Out 02 1 . O		PDO.-	-	P018	012SS-38	5			outer Shield	HPFPU	70	131100 P012	004	
-															
066	PACS Detec Out 03 1 . 1		PDO.-	-	P019	012SS-38	6			TRIAX	HPFPU	70	131100 P012	005	1P 1P
078	PACS Detec Out 03 1 . I		PDO.-	-	P019	012SS-38	6			inner Shield	HPFPU	70	131100 P012	017	
067	PACS Detec Out 03 1 . O		PDO.-	-	P019	012SS-38	6			outer Shield	HPFPU	70	131100 P012	018	
-															
076	PACS Detec Out 04 1 . 1		PDO.-	-	P020	012SS-38	7			TRIAX	HPFPU	70	131100 P012	019	1P 1P
065	PACS Detec Out 04 1 . I		PDO.-	-	P020	012SS-38	7			inner Shield	HPFPU	70	131100 P012	006	
077	PACS Detec Out 04 1 . O		PDO.-	-	P020	012SS-38	7			outer Shield	HPFPU	70	131100 P012	007	
-															
073	PACS Detec Out 05 1 . 1		PDO.-	-	P021	012SS-38	8			TRIAX	HPFPU	70	131100 P012	008	1P 1P
062	PACS Detec Out 05 1 . I		PDO.-	-	P021	012SS-38	8			inner Shield	HPFPU	70	131100 P012	020	
074	PACS Detec Out 05 1 . O		PDO.-	-	P021	012SS-38	8			outer Shield	HPFPU	70	131100 P012	021	
-															
095	PACS Detec Out 06 1 . 1		PDO.-	-	P022	012SS-38	9			TRIAX	HPFPU	70	131100 P012	022	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J009
 CVVUCR

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b,24-31;75)

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.											
084	PACS Detec Out 06 1 . I		PDO.-	-	P022	012SS-38	9			inner Shield	HPFPU	70	131100 P012	009	
096	PACS Detec Out 06 1 . O		PDO.-	-	P022	012SS-38	9			outer Shield	HPFPU	70	131100 P012	010	
-															
071	PACS Detec Out 07 1 . 1		PDO.-	-	P023	012SS-38	10			TRIAX	HPFPU	70	131100 P012	011	1P 1P
083	PACS Detec Out 07 1 . I		PDO.-	-	P023	012SS-38	10			inner Shield	HPFPU	70	131100 P012	023	
072	PACS Detec Out 07 1 . O		PDO.-	-	P023	012SS-38	10			outer Shield	HPFPU	70	131100 P012	024	
-															
048	PACS Detec Outref a Gr 1 . 1		PDR.-	-	P13A	012SS-38	11			TRIAX	HPFPU	70	131100 P012	025	1P 1P
049	PACS Detec Outref a Gr 1 . I		PDR.-	-	P13A	012SS-38	11			inner Shield	HPFPU	70	131100 P012	012	
060	PACS Detec Outref a Gr 1 . O		PDR.-	-	P13A	012SS-38	11			outer Shield	HPFPU	70	131100 P012	013	
-															
063	PACS Detec Out 08 1 . 1		PDO.-	-	P024	012SS-38	12			TRIAX	HPFPU	70	131100 P013	002	1P 1P
075	PACS Detec Out 08 1 . I		PDO.-	-	P024	012SS-38	12			inner Shield	HPFPU	70	131100 P013	014	
064	PACS Detec Out 08 1 . O		PDO.-	-	P024	012SS-38	12			outer Shield	HPFPU	70	131100 P013	015	
-															
047	PACS Detec Out 09 1 . 1		PDO.-	-	P025	012SS-38	13			TRIAX	HPFPU	70	131100 P013	016	1P 1P
046	PACS Detec Out 09 1 . I		PDO.-	-	P025	012SS-38	13			inner Shield	HPFPU	70	131100 P013	003	
058	PACS Detec Out 09 1 . O		PDO.-	-	P025	012SS-38	13			outer Shield	HPFPU	70	131100 P013	004	
-															
057	PACS Detec Out 10 1 . 1		PDO.-	-	P026	012SS-38	14			TRIAX	HPFPU	70	131100 P013	005	1P 1P
056	PACS Detec Out 10 1 . I		PDO.-	-	P026	012SS-38	14			inner Shield	HPFPU	70	131100 P013	017	
045	PACS Detec Out 10 1 . O		PDO.-	-	P026	012SS-38	14			outer Shield	HPFPU	70	131100 P013	018	
-															
044	PACS Detec Out 11 1 . 1		PDO.-	-	P027	012SS-38	15			TRIAX	HPFPU	70	131100 P013	019	1P 1P
043	PACS Detec Out 11 1 . I		PDO.-	-	P027	012SS-38	15			inner Shield	HPFPU	70	131100 P013	006	
055	PACS Detec Out 11 1 . O		PDO.-	-	P027	012SS-38	15			outer Shield	HPFPU	70	131100 P013	007	
-															
042	PACS Detec Out 12 1 . 1		PDO.-	-	P028	012SS-38	16			TRIAX	HPFPU	70	131100 P013	008	1P 1P
053	PACS Detec Out 12 1 . I		PDO.-	-	P028	012SS-38	16			inner Shield	HPFPU	70	131100 P013	020	
054	PACS Detec Out 12 1 . O		PDO.-	-	P028	012SS-38	16			outer Shield	HPFPU	70	131100 P013	021	
-															
040	PACS Detec Out 13 1 . 1		PDO.-	-	P029	012SS-38	17			TRIAX	HPFPU	70	131100 P013	022	1P 1P
041	PACS Detec Out 13 1 . I		PDO.-	-	P029	012SS-38	17			inner Shield	HPFPU	70	131100 P013	009	

Pin Allocation List

(Harness)

Connector: 211121 J009
CVVUCR

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b,24-31;75)

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.												
052	PACS Detec Out 13 1 . O		PDO.-	-	P029	012SS-38	17			outer Shield	HPFPU	70	131100 P013	010		
-																
050	PACS Detec Outref b Gr 1 . 1		PDR.-	-	P13B	012SS-38	18			TRIAx	HPFPU	70	131100 P013	011	1P	1P
039	PACS Detec Outref b Gr 1 . I		PDR.-	-	P13B	012SS-38	18			inner Shield	HPFPU	70	131100 P013	023		
051	PACS Detec Outref b Gr 1 . O		PDR.-	-	P13B	012SS-38	18			outer Shield	HPFPU	70	131100 P013	024		
-																
017	PACS Detec Synch Gr 1 . SIG		PDS.-	-	P030	021SS-38	19				HPFPU	70	131100 P013	012	2C	1P
017	PACS Detec Synch Gr 1 . SIG		PDS.-	-	P030	021SS-38	19				HPFPU	70	131100 P013	012	2C	1P
009	PACS Detec Synch Gr 1 . SH030		PDS.-	-	P030	021SS-38	19			CS-P030	HPFPU	70	131100 P013	025	1P	1P
-																
018	PACS Detec Clock Gr 1 . SIG		PDC.-	-	P031	021SS-38	20				HPFPU	70	131100 P013	013	2C	1P
018	PACS Detec Clock Gr 1 . SIG		PDC.-	-	P031	021SS-38	20				HPFPU	70	131100 P013	013	2C	1P
028	PACS Detec Clock Gr 1 . SH031		PDC.-	-	P031	021SS-38	20			CS-P031	HPFPU	70	131100 P013	025	1P	1P
-																
020	PACS Detec Tsens 1/2 . I161		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	009	2C	1P
031	PACS Detec Tsens 1/2 . U161		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	002		
021	PACS Detec Tsens 1/2 . U261		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	010		
032	PACS Detec Tsens 1/2 . U361		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	003	1P	
022	PACS Detec Tsens 1/2 . I261		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	011		
033	PACS Detec Tsens 1/2 . I1192		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	004		
023	PACS Detec Tsens 1/2 . U1192		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	012		
034	PACS Detec Tsens 1/2 . U2192		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	005		
024	PACS Detec Tsens 1/2 . U3192		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	013		
035	PACS Detec Tsens 1/2 . I2192		PDT.-	-	P075	111SS-38	21				HPFPU	70	131100 P014	006		
030	PACS Detec Tsens 1/2 . SH075		PDT.-	-	P075	111SS-38	21			CS-P075	HPFPU	70	131100 P014	001	1P	1P
-										1 NU wire con to CS-P075						1P

Pin Allocation List

(Harness)

Connector: 131100 P015
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-02 (14b,39-45)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
002	PACS Detec Out 21 . 2		PDO.-	-	P039	012SS-38	39			Steel TRIAX	CVVUCR	33	211121 J008	093	1P	1P
014	PACS Detec Out 21 . I		PDO.-	-	P039	012SS-38	39			inner Shield	CVVUCR	33	211121 J008	092		
015	PACS Detec Out 21 . O		PDO.-	-	P039	012SS-38	39			outer Shield	CVVUCR	33	211121 J008	100		
-																
016	PACS Detec Out 22 . 2		PDO.-	-	P040	012SS-38	40			Steel TRIAX	CVVUCR	33	211121 J008	099	1P	1P
003	PACS Detec Out 22 . I		PDO.-	-	P040	012SS-38	40			inner Shield	CVVUCR	33	211121 J008	098		
004	PACS Detec Out 22 . O		PDO.-	-	P040	012SS-38	40			outer Shield	CVVUCR	33	211121 J008	091		
-																
005	PACS Detec Out 23 . 2		PDO.-	-	P041	012SS-38	41			Steel TRIAX	CVVUCR	33	211121 J008	090	1P	1P
017	PACS Detec Out 23 . I		PDO.-	-	P041	012SS-38	41			inner Shield	CVVUCR	33	211121 J008	081		
018	PACS Detec Out 23 . O		PDO.-	-	P041	012SS-38	41			outer Shield	CVVUCR	33	211121 J008	089		
-																
019	PACS Detec Out 24 . 2		PDO.-	-	P042	012SS-38	42			Steel TRIAX	CVVUCR	33	211121 J008	096	1P	1P
006	PACS Detec Out 24 . I		PDO.-	-	P042	012SS-38	42			inner Shield	CVVUCR	33	211121 J008	095		
007	PACS Detec Out 24 . O		PDO.-	-	P042	012SS-38	42			outer Shield	CVVUCR	33	211121 J008	097		
-																
008	PACS Detec Out 25 . 2		PDO.-	-	P043	012SS-38	43			Steel TRIAX	CVVUCR	33	211121 J008	087	1P	1P
020	PACS Detec Out 25 . I		PDO.-	-	P043	012SS-38	43			inner Shield	CVVUCR	33	211121 J008	094		
021	PACS Detec Out 25 . O		PDO.-	-	P043	012SS-38	43			outer Shield	CVVUCR	33	211121 J008	088		
-																
011	PACS Detec Outref b Gr 2 . 2		PDR.-	-	P14B	012SS-38	14			Steel TRIAX	CVVUCR	33	211121 J008	080	1P	1P
023	PACS Detec Outref b Gr 2 . I		PDR.-	-	P14B	012SS-38	14			inner Shield	CVVUCR	33	211121 J008	070		
024	PACS Detec Outref b Gr 2 . O		PDR.-	-	P14B	012SS-38	14			outer Shield	CVVUCR	33	211121 J008	079		
-																
012	PACS Detec Synch Gr 2 . SIG		PDS.-	-	P044	021SS-38	44				CVVUCR	33	211121 J008	086	1P	1P
012	PACS Detec Synch Gr 2 . SIG		PDS.-	-	P044	021SS-38	44				CVVUCR	33	211121 J008	086	1P	1P
025	PACS Detec Synch Gr 2 . SH044		PDS.-	-	P044	021SS-38	44			CS-P044	CVVUCR	33	211121 J008	077	1P	1P
-																
013	PACS Detec Clock Gr 2 . SIG		PDC.-	-	P045	021SS-38	45				CVVUCR	33	211121 J008	068	1P	1P
013	PACS Detec Clock Gr 2 . SIG		PDC.-	-	P045	021SS-38	45				CVVUCR	33	211121 J008	068	1P	1P
025	PACS Detec Clock Gr 2 . SH045		PDC.-	-	P045	021SS-38	45			CS-P045	CVVUCR	33	211121 J008	078	1P	1P
001	NC															
009	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 24 (of 464)

Connector: 131100 P015
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-02 (14b,39-45)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

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

Pin Allocation List

(Harness)

Connector: 131100 P016
HPFPU

Function / Bundle: FPU to DECLWLSIH-XP-02 (14a,32-38)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
002	PACS Detec Out 14 . 2		PDO.-	-	P032	012SS-38	32			TRIAX	CVVUCR	33	211121 J008	076	1P	1P
014	PACS Detec Out 14 . I	SHD	PDO.-	-	P032	012SS-38	32			inner Shield	CVVUCR	33	211121 J008	075		
015	PACS Detec Out 14 . O	SHD	PDO.-	-	P032	012SS-38	32			outer Shield	CVVUCR	33	211121 J008	085		
-																
016	PACS Detec Out 15 . 2		PDO.-	-	P033	012SS-38	33			TRIAX	CVVUCR	33	211121 J008	074	1P	1P
003	PACS Detec Out 15 . I	SHD	PDO.-	-	P033	012SS-38	33			inner Shield	CVVUCR	33	211121 J008	083		
004	PACS Detec Out 15 . O	SHD	PDO.-	-	P033	012SS-38	33			outer Shield	CVVUCR	33	211121 J008	084		
-																
005	PACS Detec Out 16 . 2		PDO.-	-	P034	012SS-38	34			TRIAX	CVVUCR	33	211121 J008	072	1P	1P
017	PACS Detec Out 16 . I	SHD	PDO.-	-	P034	012SS-38	34			inner Shield	CVVUCR	33	211121 J008	073		
018	PACS Detec Out 16 . O	SHD	PDO.-	-	P034	012SS-38	34			outer Shield	CVVUCR	33	211121 J008	082		
-																
019	PACS Detec Out 17 . 2		PDO.-	-	P035	012SS-38	35			TRIAX	CVVUCR	33	211121 J008	061	1P	1P
006	PACS Detec Out 17 . I	SHD	PDO.-	-	P035	012SS-38	35			inner Shield	CVVUCR	33	211121 J008	071		
007	PACS Detec Out 17 . O	SHD	PDO.-	-	P035	012SS-38	35			outer Shield	CVVUCR	33	211121 J008	060		
-																
008	PACS Detec Out 18 . 2		PDO.-	-	P036	012SS-38	36			TRIAX	CVVUCR	33	211121 J008	059	1P	1P
020	PACS Detec Out 18 . I	SHD	PDO.-	-	P036	012SS-38	36			inner Shield	CVVUCR	33	211121 J008	058		
021	PACS Detec Out 18 . O	SHD	PDO.-	-	P036	012SS-38	36			outer Shield	CVVUCR	33	211121 J008	069		
-																
022	PACS Detec Out 19 . 2		PDO.-	-	P037	012SS-38	37			TRIAX	CVVUCR	33	211121 J008	055	1P	1P
009	PACS Detec Out 19 . I	SHD	PDO.-	-	P037	012SS-38	37			inner Shield	CVVUCR	33	211121 J008	066		
010	PACS Detec Out 19 . O	SHD	PDO.-	-	P037	012SS-38	37			outer Shield	CVVUCR	33	211121 J008	065		
-																
011	PACS Detec Out 20 . 2		PDO.-	-	P038	012SS-38	38			TRIAX	CVVUCR	33	211121 J008	053	1P	1P
023	PACS Detec Out 20 . I	SHD	PDO.-	-	P038	012SS-38	38			inner Shield	CVVUCR	33	211121 J008	054		
024	PACS Detec Out 20 . O	SHD	PDO.-	-	P038	012SS-38	38			outer Shield	CVVUCR	33	211121 J008	064		
-																
025	PACS Detec Outref a Gr 2 . 2		PDR.-	-	P14A	012SS-38	14			TRIAX	CVVUCR	33	211121 J008	052	1P	1P
012	PACS Detec Outref a Gr 2 . I	SHD	PDR.-	-	P14A	012SS-38	14			inner Shield	CVVUCR	33	211121 J008	051		
013	PACS Detec Outref a Gr 2 . O	SHD	PDR.-	-	P14A	012SS-38	14			outer Shield	CVVUCR	33	211121 J008	062		
001	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 26 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List (Harness)

Connector: 131100 P017
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-02 (4)

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

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
001	PACS Logic Supply Gr 2 . SELC2		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	041	1P	2C
009	PACS Logic Supply Gr 2 . SEL12		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	031		
002	PACS Logic Supply Gr 2 . SEL22		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	042		1P
010	PACS Logic Supply Gr 2 . CaDs2		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	032		
003	PACS Logic Supply Gr 2 . CaD2		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	043		
011	PACS Logic Supply Gr 2 . CnDs2		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	033		
004	PACS Logic Supply Gr 2 . CnD2		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	044		
012	PACS Logic Supply Gr 2 . VDDs2		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	034		
005	PACS Logic Supply Gr 2 . VDD2		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	045	2C	2C
005	PACS Logic Supply Gr 2 . VDD2		PD1.-	-	P004	111SS-38	4				CVVUCR	33	211121 J008	045	2C	2C
013	PACS Logic Supply Gr 2 . SH004		PD1.-	-	P004	111SS-38	4			CS-P004	CVVUCR	33	211121 J008	030	1P	1P
-										1NU wire con to CS-P004						1P
006	NC															
014	NC															
007	NC															
015	NC															
008	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 28 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P018
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-02 (5,6)

Conn.-Type: MWDM2L-31P-6C3-.630

Backshell: BS-SS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
003	PACS DC Supply Gr 2 . VDDa2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	009	2C 2C
003	PACS DC Supply Gr 2 . VDDa2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	009	2C 2C
019	PACS DC Supply Gr 2 . VDas2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	018	
004	PACS DC Supply Gr 2 . VSS2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	010	2C 2C
004	PACS DC Supply Gr 2 . VSS2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	010	2C 2C
020	PACS DC Supply Gr 2 . VSSs2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	019	
005	PACS DC Supply Gr 2 . CaP2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	011	
021	PACS DC Supply Gr 2 . CaPs2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	020	1P
006	PACS DC Supply Gr 2 . CaN2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	012	1P
022	PACS DC Supply Gr 2 . CaNs2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	021	
007	PACS DC Supply Gr 2 . CaN12		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	013	
023	PACS DC Supply Gr 2 . CN1s2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	022	
008	PACS DC Supply Gr 2 . CaN22		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	014	
024	PACS DC Supply Gr 2 . CN2s2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	023	
009	PACS DC Supply Gr 2 . VDDr2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	015	
025	PACS DC Supply Gr 2 . VDrs2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	024	
010	PACS DC Supply Gr 2 . LVL2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	006	
026	PACS DC Supply Gr 2 . LVLs2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	007	
011	PACS DC Supply Gr 2 . WELL2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	004	
027	PACS DC Supply Gr 2 . WELs2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	005	
012	PACS DC Supply Gr 2 . SUB2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	002	
028	PACS DC Supply Gr 2 . SUBs2		PD2.-	-	P005	241SS-38	5				CVVUCR	33	211121 J008	003	
018	PACS DC Supply Gr 2 . SH005		PD2.-	-	P005	241SS-38	5			CS-P005	CVVUCR	33	211121 J008	001	1P 1P
-										2 NU wires con to CS-P005					1P
-															
029	PACS Detec Bias Gr 2 . Zero2		PD3.-	-	P006	061SS-38	6				CVVUCR	33	211121 J008	027	1P 2C
014	PACS Detec Bias Gr 2 . Zers2		PD3.-	-	P006	061SS-38	6				CVVUCR	33	211121 J008	038	
030	PACS Detec Bias Gr 2 . Gnd2		PD3.-	-	P006	061SS-38	6				CVVUCR	33	211121 J008	028	
015	PACS Detec Bias Gr 2 . GnSe2		PD3.-	-	P006	061SS-38	6				CVVUCR	33	211121 J008	039	1P
031	PACS Detec Bias Gr 2 . R2		PD3.-	-	P006	061SS-38	6				CVVUCR	33	211121 J008	029	
016	PACS Detec Bias Gr 2 . Rs2		PD3.-	-	P006	061SS-38	6				CVVUCR	33	211121 J008	040	
013	PACS Detec Bias Gr 2 . SH006		PD3.-	-	P006	061SS-38	6			CS-P006	CVVUCR	33	211121 J008	037	1P 1P
001	NC														
017	NC														

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 30 (of 464)

Connector: 131100 P018
HPFPU

Function / Bundle: FPU to DECLWL SIH-XP-02 (5,6)

Conn.-Type: MWDM2L-31P-6C3-.630

Backshell: BS-SS-17E-01

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

Pin Allocation List

(Harness)

Connector: 211121 J008
 CVVUCR

Function / Bundle: SIH-XP-02 (14b;39-45;14a;32-38;4-6)

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.											
093	PACS Detec Out 21 . 2		PDO.-	-	P039	012SS-38	1			TRIAX	HPFPU	70	131100 P015	002	1P 1P
092	PACS Detec Out 21 . I		PDO.-	-	P039	012SS-38	1			inner Shield	HPFPU	70	131100 P015	014	
100	PACS Detec Out 21 . O		PDO.-	-	P039	012SS-38	1			outer Shield	HPFPU	70	131100 P015	015	
-															
099	PACS Detec Out 22 . 2		PDO.-	-	P040	012SS-38	2			TRIAX	HPFPU	70	131100 P015	016	1P 1P
098	PACS Detec Out 22 . I		PDO.-	-	P040	012SS-38	2			inner Shield	HPFPU	70	131100 P015	003	
091	PACS Detec Out 22 . O		PDO.-	-	P040	012SS-38	2			outer Shield	HPFPU	70	131100 P015	004	
-															
090	PACS Detec Out 23 . 2		PDO.-	-	P041	012SS-38	3			TRIAX	HPFPU	70	131100 P015	005	1P 1P
081	PACS Detec Out 23 . I		PDO.-	-	P041	012SS-38	3			inner Shield	HPFPU	70	131100 P015	017	
089	PACS Detec Out 23 . O		PDO.-	-	P041	012SS-38	3			outer Shield	HPFPU	70	131100 P015	018	
-															
096	PACS Detec Out 24 . 2		PDO.-	-	P042	012SS-38	4			TRIAX	HPFPU	70	131100 P015	019	1P 1P
095	PACS Detec Out 24 . I		PDO.-	-	P042	012SS-38	4			inner Shield	HPFPU	70	131100 P015	006	
097	PACS Detec Out 24 . O		PDO.-	-	P042	012SS-38	4			outer Shield	HPFPU	70	131100 P015	007	
-															
087	PACS Detec Out 25 . 2		PDO.-	-	P043	012SS-38	5			TRIAX	HPFPU	70	131100 P015	008	1P 1P
094	PACS Detec Out 25 . I		PDO.-	-	P043	012SS-38	5			inner Shield	HPFPU	70	131100 P015	020	
088	PACS Detec Out 25 . O		PDO.-	-	P043	012SS-38	5			outer Shield	HPFPU	70	131100 P015	021	
-															
080	PACS Detec Outref b Gr 2 . 2		PDR.-	-	P14B	012SS-38	6			TRIAX	HPFPU	70	131100 P015	011	1P 1P
070	PACS Detec Outref b Gr 2 . I		PDR.-	-	P14B	012SS-38	6			inner Shield	HPFPU	70	131100 P015	023	
079	PACS Detec Outref b Gr 2 . O		PDR.-	-	P14B	012SS-38	6			outer Shield	HPFPU	70	131100 P015	024	
-															
086	PACS Detec Synch Gr 2 . SIG		PDS.-	-	P044	021SS-38	7				HPFPU	70	131100 P015	012	1P 1P
086	PACS Detec Synch Gr 2 . SIG		PDS.-	-	P044	021SS-38	7				HPFPU	70	131100 P015	012	1P 1P
077	PACS Detec Synch Gr 2 . SH044		PDS.-	-	P044	021SS-38	7			CS-P044	HPFPU	70	131100 P015	025	1P 1P
-															
068	PACS Detec Clock Gr 2 . SIG		PDC.-	-	P045	021SS-38	8				HPFPU	70	131100 P015	013	1P 1P
068	PACS Detec Clock Gr 2 . SIG		PDC.-	-	P045	021SS-38	8				HPFPU	70	131100 P015	013	1P 1P
078	PACS Detec Clock Gr 2 . SH045		PDC.-	-	P045	021SS-38	8			CS-P045	HPFPU	70	131100 P015	025	1P 1P
-															
076	PACS Detec Out 14 . 2		PDO.-	-	P032	012SS-38	9			TRIAX	HPFPU	70	131100 P016	002	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J008
 CVVUCR

Function / Bundle: SIH-XP-02 (14b;39-45;14a;32-38;4-6)

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.												
075	PACS Detec Out 14 . I		PDO.-	-	P032	012SS-38	9			inner Shield	HPFPU	70	131100 P016	014		
085	PACS Detec Out 14 . O		PDO.-	-	P032	012SS-38	9			outer Shield	HPFPU	70	131100 P016	015		
-																
074	PACS Detec Out 15 . 2		PDO.-	-	P033	012SS-38	10			TRIAx	HPFPU	70	131100 P016	016	1P	1P
083	PACS Detec Out 15 . I		PDO.-	-	P033	012SS-38	10			inner Shield	HPFPU	70	131100 P016	003		
084	PACS Detec Out 15 . O		PDO.-	-	P033	012SS-38	10			outer Shield	HPFPU	70	131100 P016	004		
-																
072	PACS Detec Out 16 . 2		PDO.-	-	P034	012SS-38	11			TRIAx	HPFPU	70	131100 P016	005	1P	1P
073	PACS Detec Out 16 . I		PDO.-	-	P034	012SS-38	11			inner Shield	HPFPU	70	131100 P016	017		
082	PACS Detec Out 16 . O		PDO.-	-	P034	012SS-38	11			outer Shield	HPFPU	70	131100 P016	018		
-																
061	PACS Detec Out 17 . 2		PDO.-	-	P035	012SS-38	12			TRIAx	HPFPU	70	131100 P016	019	1P	1P
071	PACS Detec Out 17 . I		PDO.-	-	P035	012SS-38	12			inner Shield	HPFPU	70	131100 P016	006		
060	PACS Detec Out 17 . O		PDO.-	-	P035	012SS-38	12			outer Shield	HPFPU	70	131100 P016	007		
-																
059	PACS Detec Out 18 . 2		PDO.-	-	P036	012SS-38	13			TRIAx	HPFPU	70	131100 P016	008	1P	1P
058	PACS Detec Out 18 . I		PDO.-	-	P036	012SS-38	13			inner Shield	HPFPU	70	131100 P016	020		
069	PACS Detec Out 18 . O		PDO.-	-	P036	012SS-38	13			outer Shield	HPFPU	70	131100 P016	021		
-																
055	PACS Detec Out 19 . 2		PDO.-	-	P037	012SS-38	14			TRIAx	HPFPU	70	131100 P016	022	1P	1P
066	PACS Detec Out 19 . I		PDO.-	-	P037	012SS-38	14			inner Shield	HPFPU	70	131100 P016	009		
065	PACS Detec Out 19 . O		PDO.-	-	P037	012SS-38	14			outer Shield	HPFPU	70	131100 P016	010		
-																
053	PACS Detec Out 20 . 2		PDO.-	-	P038	012SS-38	15			TRIAx	HPFPU	70	131100 P016	011	1P	1P
054	PACS Detec Out 20 . I		PDO.-	-	P038	012SS-38	15			inner Shield	HPFPU	70	131100 P016	023		
064	PACS Detec Out 20 . O		PDO.-	-	P038	012SS-38	15			outer Shield	HPFPU	70	131100 P016	024		
-																
052	PACS Detec Outref a Gr 2 . 2		PDR.-	-	P14A	012SS-38	16			TRIAx	HPFPU	70	131100 P016	025	1P	1P
051	PACS Detec Outref a Gr 2 . I		PDR.-	-	P14A	012SS-38	16			inner Shield	HPFPU	70	131100 P016	012		
062	PACS Detec Outref a Gr 2 . O		PDR.-	-	P14A	012SS-38	16			outer Shield	HPFPU	70	131100 P016	013		
-																
041	PACS Logic Supply Gr 2 . SELC2		PD1.-	-	P004	111SS-38	17				HPFPU	70	131100 P017	001	2C	1P
031	PACS Logic Supply Gr 2 . SEL12		PD1.-	-	P004	111SS-38	17				HPFPU	70	131100 P017	009		

Pin Allocation List

(Harness)

Connector: 211121 J008
 CVVUCR

Function / Bundle: SIH-XP-02 (14b;39-45;14a;32-38;4-6)

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.											
042	PACS Logic Supply Gr 2 . SEL22		PD1.-	-	P004	111SS-38	17				HPFFPU	70	131100 P017	002	1P
032	PACS Logic Supply Gr 2 . CaDs2		PD1.-	-	P004	111SS-38	17				HPFFPU	70	131100 P017	010	
043	PACS Logic Supply Gr 2 . CaD2		PD1.-	-	P004	111SS-38	17				HPFFPU	70	131100 P017	003	
033	PACS Logic Supply Gr 2 . CnDs2		PD1.-	-	P004	111SS-38	17				HPFFPU	70	131100 P017	011	
044	PACS Logic Supply Gr 2 . CnD2		PD1.-	-	P004	111SS-38	17				HPFFPU	70	131100 P017	004	
034	PACS Logic Supply Gr 2 . VDDs2		PD1.-	-	P004	111SS-38	17				HPFFPU	70	131100 P017	012	
045	PACS Logic Supply Gr 2 . VDD2		PD1.-	-	P004	111SS-38	17				HPFFPU	70	131100 P017	005	2C 2C
045	PACS Logic Supply Gr 2 . VDD2		PD1.-	-	P004	111SS-38	17				HPFFPU	70	131100 P017	005	2C 2C
030	PACS Logic Supply Gr 2 . SH004		PD1.-	-	P004	111SS-38	17			CS-P004	HPFFPU	70	131100 P017	013	1P 1P
-										1 NU wire con to CS-P004					1P
-															
009	PACS DC Supply Gr 2 . VDDa2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	003	2C 2C
009	PACS DC Supply Gr 2 . VDDa2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	003	2C 2C
018	PACS DC Supply Gr 2 . VDas2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	019	
010	PACS DC Supply Gr 2 . VSS2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	004	2C 2C
010	PACS DC Supply Gr 2 . VSS2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	004	2C 2C
019	PACS DC Supply Gr 2 . VSSs2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	020	
011	PACS DC Supply Gr 2 . CaP2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	005	
020	PACS DC Supply Gr 2 . CaPs2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	021	1P
012	PACS DC Supply Gr 2 . CaN2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	006	1P
021	PACS DC Supply Gr 2 . CaNs2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	022	
013	PACS DC Supply Gr 2 . CaN12		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	007	
022	PACS DC Supply Gr 2 . CN1s2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	023	
014	PACS DC Supply Gr 2 . CaN22		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	008	
023	PACS DC Supply Gr 2 . CN2s2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	024	
015	PACS DC Supply Gr 2 . VDDr2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	009	
024	PACS DC Supply Gr 2 . VDrS2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	025	
006	PACS DC Supply Gr 2 . LVL2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	010	
007	PACS DC Supply Gr 2 . LVLs2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	026	
004	PACS DC Supply Gr 2 . WELL2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	011	
005	PACS DC Supply Gr 2 . WELs2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	027	
002	PACS DC Supply Gr 2 . SUB2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	012	
003	PACS DC Supply Gr 2 . SUBs2		PD2.-	-	P005	241SS-38	18				HPFFPU	70	131100 P018	028	
001	PACS DC Supply Gr 2 . SH005		PD2.-	-	P005	241SS-38	18			CS-P005	HPFFPU	70	131100 P018	018	1P 1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 34 (of 464)

Connector: 211121 J008
 CVVUCR

Function / Bundle: SIH-XP-02 (14b;39-45;14a;32-38;4-6)

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.											
-									2 NU wires con to CS-P005						1P
027	PACS Detec Bias Gr 2 . Zero2		PD3.-	-	P006	061SS-38	19				HPFPU	70	131100 P018	029	2C 1P
038	PACS Detec Bias Gr 2 . Zers2		PD3.-	-	P006	061SS-38	19				HPFPU	70	131100 P018	014	
028	PACS Detec Bias Gr 2 . Gnd2		PD3.-	-	P006	061SS-38	19				HPFPU	70	131100 P018	030	
039	PACS Detec Bias Gr 2 . GnSe2		PD3.-	-	P006	061SS-38	19				HPFPU	70	131100 P018	015	1P
029	PACS Detec Bias Gr 2 . R2		PD3.-	-	P006	061SS-38	19				HPFPU	70	131100 P018	031	
040	PACS Detec Bias Gr 2 . Rs2		PD3.-	-	P006	061SS-38	19				HPFPU	70	131100 P018	016	
037	PACS Detec Bias Gr 2 . SH006		PD3.-	-	P006	061SS-38	19		CS-P006		HPFPU	70	131100 P018	013	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P020
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-03 (8,9)

Conn.-Type: MWDM2L-31P-6C3-.630

Backshell: BS-LS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.												
003	PACS DC Supply Gr 3 . VDDa3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	107	2C	2C
003	PACS DC Supply Gr 3 . VDDa3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	107	2C	2C
019	PACS DC Supply Gr 3 . VDas3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	116		
004	PACS DC Supply Gr 3 . VSS3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	123	2C	2C
004	PACS DC Supply Gr 3 . VSS3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	123	2C	2C
020	PACS DC Supply Gr 3 . VSSs3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	124		
005	PACS DC Supply Gr 3 . CaP3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	108		
021	PACS DC Supply Gr 3 . CaPs3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	117	1P	
006	PACS DC Supply Gr 3 . CaN3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	109		2C
022	PACS DC Supply Gr 3 . CaNs3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	118		
007	PACS DC Supply Gr 3 . CaN13		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	125		
023	PACS DC Supply Gr 3 . CN1s3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	126		1P
008	PACS DC Supply Gr 3 . CaN23		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	110		
024	PACS DC Supply Gr 3 . CN2s3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	119		
009	PACS DC Supply Gr 3 . VDDr3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	127		
025	PACS DC Supply Gr 3 . VDrs3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	128		
010	PACS DC Supply Gr 3 . LVL3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	111		
026	PACS DC Supply Gr 3 . LVLs3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	120		
011	PACS DC Supply Gr 3 . WELL3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	121		
027	PACS DC Supply Gr 3 . WELs3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	114		
012	PACS DC Supply Gr 3 . SUB3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	112		
028	PACS DC Supply Gr 3 . SUBs3		PD2.-	-	P008	241SS-38	8				CVVUCR	33	211121 J002	113		
018	PACS DC Supply Gr 3 . SH008		PD2.-	-	P008	241SS-38	8			CS-P008	CVVUCR	33	211121 J002	122	1P	1P
-										2 NU wires con to CS-P008					1P	
-																
029	PACS Detec Bias Gr 3 . Zero3		PD3.-	-	P009	061SS-38	9				CVVUCR	33	211121 J002	104	1P	2C
014	PACS Detec Bias Gr 3 . Zers3		PD3.-	-	P009	061SS-38	9				CVVUCR	33	211121 J002	103		
030	PACS Detec Bias Gr 3 . Gnd3		PD3.-	-	P009	061SS-38	9				CVVUCR	33	211121 J002	092		
015	PACS Detec Bias Gr 3 . GnSe3		PD3.-	-	P009	061SS-38	9				CVVUCR	33	211121 J002	102		1P
031	PACS Detec Bias Gr 3 . R3		PD3.-	-	P009	061SS-38	9				CVVUCR	33	211121 J002	093		
016	PACS Detec Bias Gr 3 . Rs3		PD3.-	-	P009	061SS-38	9				CVVUCR	33	211121 J002	091		
013	PACS Detec Bias Gr 3 . SH009		PD3.-	-	P009	061SS-38	9			CS-P009	CVVUCR	33	211121 J002	090	1P	1P
001	NC															
017	NC															

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 36 (of 464)

Connector: 131100 P020
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-03 (8,9)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-LS-17E-01

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

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 37 (of 464)

Connector: 131100 P021
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-03 (7)

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.											1P	2C
001	PACS Logic Supply Gr 3 . SELC3		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	089	1P	2C
009	PACS Logic Supply Gr 3 . SEL13		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	101		
002	PACS Logic Supply Gr 3 . SEL23		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	100		
010	PACS Logic Supply Gr 3 . CaDs3		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	088		1P
003	PACS Logic Supply Gr 3 . CaD3		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	087		
011	PACS Logic Supply Gr 3 . CnDs3		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	099		
004	PACS Logic Supply Gr 3 . CnD3		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	098		
012	PACS Logic Supply Gr 3 . VDDs3		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	086		
005	PACS Logic Supply Gr 3 . VDD3		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	097	2C	2C
005	PACS Logic Supply Gr 3 . VDD3		PD1.-	-	P007	111SS-38					CVVUCR	33	211121 J002	097	2C	2C
013	PACS Logic Supply Gr 3 . SH007		PD1.-	-	P007	111SS-38				CS- P007	CVVUCR	33	211121 J002	085	1P	1P
-										1 NU wire con to CS-P007						1P
006	NC															
014	NC															
007	NC															
015	NC															
008	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 38 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P022
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-03 (15a,46-52)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 01 . 3		PDO.-	-	P046	012SS-38	46			Steel TRIAX	CVVUCR	33	211121 J002	070	1P 1P
014	PACS Detec Out 01 . I		PDO.-	-	P046	012SS-38	46			inner Shield	CVVUCR	33	211121 J002	069	
015	PACS Detec Out 01 . O		PDO.-	-	P046	012SS-38	46			outer Shield	CVVUCR	33	211121 J002	081	
-															
016	PACS Detec Out 02 . 3		PDO.-	-	P047	012SS-38	47			Steel TRIAX	CVVUCR	33	211121 J002	079	1P 1P
003	PACS Detec Out 02 . I		PDO.-	-	P047	012SS-38	47			inner Shield	CVVUCR	33	211121 J002	080	
004	PACS Detec Out 02 . O		PDO.-	-	P047	012SS-38	47			outer Shield	CVVUCR	33	211121 J002	068	
-															
005	PACS Detec Out 03 . 3		PDO.-	-	P048	012SS-38	48			Steel TRIAX	CVVUCR	33	211121 J002	066	1P 1P
017	PACS Detec Out 03 . I		PDO.-	-	P048	012SS-38	48			inner Shield	CVVUCR	33	211121 J002	078	
018	PACS Detec Out 03 . O		PDO.-	-	P048	012SS-38	48			outer Shield	CVVUCR	33	211121 J002	067	
-															
019	PACS Detec Out 04 . 3		PDO.-	-	P049	012SS-38	49			Steel TRIAX	CVVUCR	33	211121 J002	076	1P 1P
006	PACS Detec Out 04 . I		PDO.-	-	P049	012SS-38	49			inner Shield	CVVUCR	33	211121 J002	065	
007	PACS Detec Out 04 . O		PDO.-	-	P049	012SS-38	49			outer Shield	CVVUCR	33	211121 J002	077	
-															
008	PACS Detec Out 05 . 3		PDO.-	-	P050	012SS-38	50			Steel TRIAX	CVVUCR	33	211121 J002	073	1P 1P
020	PACS Detec Out 05 . I		PDO.-	-	P050	012SS-38	50			inner Shield	CVVUCR	33	211121 J002	062	
021	PACS Detec Out 05 . O		PDO.-	-	P050	012SS-38	50			outer Shield	CVVUCR	33	211121 J002	074	
-															
022	PACS Detec Out 06 . 3		PDO.-	-	P051	012SS-38	51			Steel TRIAX	CVVUCR	33	211121 J002	095	1P 1P
009	PACS Detec Out 06 . I		PDO.-	-	P051	012SS-38	51			inner Shield	CVVUCR	33	211121 J002	084	
010	PACS Detec Out 06 . O		PDO.-	-	P051	012SS-38	51			outer Shield	CVVUCR	33	211121 J002	096	
-															
011	PACS Detec Out 07 . 3		PDO.-	-	P052	012SS-38	52			Steel TRIAX	CVVUCR	33	211121 J002	071	1P 1P
023	PACS Detec Out 07 . I		PDO.-	-	P052	012SS-38	52			inner Shield	CVVUCR	33	211121 J002	083	
024	PACS Detec Out 07 . O		PDO.-	-	P052	012SS-38	52			outer Shield	CVVUCR	33	211121 J002	072	
-															
025	PACS Detec Outref a Gr 3 . 3		PDR.-	-	P15A	012SS-38	15			Steel TRIAX	CVVUCR	33	211121 J002	048	1P 1P
012	PACS Detec Outref a Gr 3 . I		PDR.-	-	P15A	012SS-38	15			inner Shield	CVVUCR	33	211121 J002	049	
013	PACS Detec Outref a Gr 3 . O		PDR.-	-	P15A	012SS-38	15			outer Shield	CVVUCR	33	211121 J002	060	
001	NC														

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 40 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P023
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-03 (15b,53-60)

Conn.-Type: MWDM2L-25P-6C3-.630

Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 08 . 3		PDO.-	-	P053	012SS-38	53			TRIAX	CVVUCR	33	211121 J002	063	1P 1P
014	PACS Detec Out 08 . I		PDO.-	-	P053	012SS-38	53			inner Shield	CVVUCR	33	211121 J002	075	
015	PACS Detec Out 08 . O		PDO.-	-	P053	012SS-38	53			outer Shield	CVVUCR	33	211121 J002	064	
-															
016	PACS Detec Out 09 . 3		PDO.-	-	P054	012SS-38	54			TRIAX	CVVUCR	33	211121 J002	047	1P 1P
003	PACS Detec Out 09 . I		PDO.-	-	P054	012SS-38	54			inner Shield	CVVUCR	33	211121 J002	046	
004	PACS Detec Out 09 . O		PDO.-	-	P054	012SS-38	54			outer Shield	CVVUCR	33	211121 J002	058	
-															
005	PACS Detec Out 10 . 3		PDO.-	-	P055	012SS-38	55			TRIAX	CVVUCR	33	211121 J002	057	1P 1P
017	PACS Detec Out 10 . I		PDO.-	-	P055	012SS-38	55			inner Shield	CVVUCR	33	211121 J002	056	
018	PACS Detec Out 10 . O		PDO.-	-	P055	012SS-38	55			outer Shield	CVVUCR	33	211121 J002	045	
-															
019	PACS Detec Out 11 . 3		PDO.-	-	P056	012SS-38	56			TRIAX	CVVUCR	33	211121 J002	044	1P 1P
006	PACS Detec Out 11 . I		PDO.-	-	P056	012SS-38	56			inner Shield	CVVUCR	33	211121 J002	043	
007	PACS Detec Out 11 . O		PDO.-	-	P056	012SS-38	56			outer Shield	CVVUCR	33	211121 J002	055	
-															
008	PACS Detec Out 12 . 3		PDO.-	-	P057	012SS-38	57			TRIAX	CVVUCR	33	211121 J002	042	1P 1P
020	PACS Detec Out 12 . I		PDO.-	-	P057	012SS-38	57			inner Shield	CVVUCR	33	211121 J002	053	
021	PACS Detec Out 12 . O		PDO.-	-	P057	012SS-38	57			outer Shield	CVVUCR	33	211121 J002	054	
-															
022	PACS Detec Out 13 . 3		PDO.-	-	P058	012SS-38	58			TRIAX	CVVUCR	33	211121 J002	040	1P 1P
009	PACS Detec Out 13 . I		PDO.-	-	P058	012SS-38	58			inner Shield	CVVUCR	33	211121 J002	041	
010	PACS Detec Out 13 . O		PDO.-	-	P058	012SS-38	58			outer Shield	CVVUCR	33	211121 J002	052	
-															
011	PACS Detec Outref b Gr 3 . 3		PDR.-	-	P15B	012SS-38	15			TRIAX	CVVUCR	33	211121 J002	050	1P 1P
023	PACS Detec Outref b Gr 3 . I		PDR.-	-	P15B	012SS-38	15			inner Shield	CVVUCR	33	211121 J002	039	
024	PACS Detec Outref b Gr 3 . O		PDR.-	-	P15B	012SS-38	15			outer Shield	CVVUCR	33	211121 J002	051	
-															
012	PACS Detec Synch Gr 3 . SIG		PDS.-	-	P059	021SS-38	59				CVVUCR	33	211121 J002	017	1P 2C
012	PACS Detec Synch Gr 3 . SIG		PDS.-	-	P059	021SS-38	59				CVVUCR	33	211121 J002	017	1P 2C
025	PACS Detec Synch Gr 3 . SH059		PDS.-	-	P059	021SS-38	59			CS-P0P59	CVVUCR	33	211121 J002	009	1P 1P
-															
013	PACS Detec Clock Gr 3 . SIG		PDC.-	-	P060	021SS-38	60				CVVUCR	33	211121 J002	018	1P 2C

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 42 (of 464)

Connector: 131100 P023
 HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-03 (15b,53-60)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
013	PACS Detec Clock Gr 3 . SIG		PDC.-	-	P060	021SS-38	60				CVVUCR	33	211121 J002	018	1P 2C
025	PACS Detec Clock Gr 3 . SH060		PDC.-	-	P060	021SS-38	60			CS-P060	CVVUCR	33	211121 J002	028	1P 1P
001	NC														

Pin Allocation List (Harness)

Connector: 131100 P024
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-03 (76)

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

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
009	PACS Detec Tsens+H Sup 3/4 . I163		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	010	1P	2C
002	PACS Detec Tsens+H Sup 3/4 . U163		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	019		
010	PACS Detec Tsens+H Sup 3/4 . U263		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	011		
003	PACS Detec Tsens+H Sup 3/4 . U363		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	020		1P
011	PACS Detec Tsens+H Sup 3/4 . I263		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	012		
004	PACS Detec Tsens+H Sup 3/4 . I1194		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	021		
012	PACS Detec Tsens+H Sup 3/4 . U1194		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	013		
005	PACS Detec Tsens+H Sup 3/4 . U2194		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	022		
013	PACS Detec Tsens+H Sup 3/4 . U3194		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	014		
006	PACS Detec Tsens+H Sup 3/4 . I2194		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	023		
014	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	004	2C	2C
014	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	004	2C	2C
007	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	005	2C	2C
007	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	005	2C	2C
015	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	006	2C	2C
015	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	006	2C	2C
008	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	007	2C	2C
008	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.-	-	P076	191SS-38	76				CVVUCR	33	211121 J002	007	2C	2C
001	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.-	-	P076	191SS-38	76			CS-P076	CVVUCR	33	211121 J002	003	1P	1P
-										1 NU wire con to CS-P076						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 44 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 J002
 CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.												
107	PACS DC Supply Gr 3 . VDDa3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	003	2C	2C
107	PACS DC Supply Gr 3 . VDDa3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	003	2C	2C
116	PACS DC Supply Gr 3 . VDas3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	019		
123	PACS DC Supply Gr 3 . VSS3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	004	2C	2C
123	PACS DC Supply Gr 3 . VSS3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	004	2C	2C
124	PACS DC Supply Gr 3 . VSSs3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	020		
108	PACS DC Supply Gr 3 . CaP3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	005		
117	PACS DC Supply Gr 3 . CaPs3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	021		1P
109	PACS DC Supply Gr 3 . CaN3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	006	2C	
118	PACS DC Supply Gr 3 . CaNs3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	022		
125	PACS DC Supply Gr 3 . CaN13		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	007		
126	PACS DC Supply Gr 3 . CN1s3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	023	1P	
110	PACS DC Supply Gr 3 . CaN23		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	008		
119	PACS DC Supply Gr 3 . CN2s3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	024		
127	PACS DC Supply Gr 3 . VDDR3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	009		
128	PACS DC Supply Gr 3 . VDRs3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	025		
111	PACS DC Supply Gr 3 . LVL3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	010		
120	PACS DC Supply Gr 3 . LVLs3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	026		
121	PACS DC Supply Gr 3 . WELL3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	011		
114	PACS DC Supply Gr 3 . WELs3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	027		
112	PACS DC Supply Gr 3 . SUB3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	012		
113	PACS DC Supply Gr 3 . SUBs3		PD2.-	-	P008	241SS-38	1				HPFFPU	70	131100 P020	028		
122	PACS DC Supply Gr 3 . SH008		PD2.-	-	P008	241SS-38	1			CS-P008	HPFFPU	70	131100 P020	018	1P	1P
-										2 NU wires con to CS-P008					1P	
-																
104	PACS Detec Bias Gr 3 . Zero3		PD3.-	-	P009	061SS-38	2				HPFFPU	70	131100 P020	029	2C	1P
103	PACS Detec Bias Gr 3 . Zers3		PD3.-	-	P009	061SS-38	2				HPFFPU	70	131100 P020	014		
092	PACS Detec Bias Gr 3 . Gnd3		PD3.-	-	P009	061SS-38	2				HPFFPU	70	131100 P020	030		
102	PACS Detec Bias Gr 3 . GnSe3		PD3.-	-	P009	061SS-38	2				HPFFPU	70	131100 P020	015	1P	
093	PACS Detec Bias Gr 3 . R3		PD3.-	-	P009	061SS-38	2				HPFFPU	70	131100 P020	031		
091	PACS Detec Bias Gr 3 . Rs3		PD3.-	-	P009	061SS-38	2				HPFFPU	70	131100 P020	016		
090	PACS Detec Bias Gr 3 . SH009		PD3.-	-	P009	061SS-38	2			CS-P009	HPFFPU	70	131100 P020	013	1P	1P
-																
089	PACS Logic Supply Gr 3 . SELC3		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	001	2C	1P

Pin Allocation List

(Harness)

Connector: 211121 J002
 CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.											
101	PACS Logic Supply Gr 3 . SEL13		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	009	
100	PACS Logic Supply Gr 3 . SEL23		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	002	
088	PACS Logic Supply Gr 3 . CaDs3		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	010	1P
087	PACS Logic Supply Gr 3 . CaD3		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	003	
099	PACS Logic Supply Gr 3 . CnDs3		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	011	
098	PACS Logic Supply Gr 3 . CnD3		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	004	
086	PACS Logic Supply Gr 3 . VDDs3		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	012	
097	PACS Logic Supply Gr 3 . VDD3		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	005	2C 2C
097	PACS Logic Supply Gr 3 . VDD3		PD1.-	-	P007	111SS-38	3				HPFFPU	70	131100 P021	005	2C 2C
085	PACS Logic Supply Gr 3 . SH007		PD1.-	-	P007	111SS-38	3			CS-P007	HPFFPU	70	131100 P021	013	1P 1P
-										1 NU wire con to CS-P007					1P
-															
070	PACS Detec Out 01 . 3		PDO.-	-	P046	012SS-38	4			TRIAX	HPFFPU	70	131100 P022	002	1P 1P
069	PACS Detec Out 01 . I		PDO.-	-	P046	012SS-38	4			inner Shield	HPFFPU	70	131100 P022	014	
081	PACS Detec Out 01 . O		PDO.-	-	P046	012SS-38	4			outer Shield	HPFFPU	70	131100 P022	015	
-															
079	PACS Detec Out 02 . 3		PDO.-	-	P047	012SS-38	5			TRIAX	HPFFPU	70	131100 P022	016	1P 1P
080	PACS Detec Out 02 . I		PDO.-	-	P047	012SS-38	5			inner Shield	HPFFPU	70	131100 P022	003	
068	PACS Detec Out 02 . O		PDO.-	-	P047	012SS-38	5			outer Shield	HPFFPU	70	131100 P022	004	
-															
066	PACS Detec Out 03 . 3		PDO.-	-	P048	012SS-38	6			TRIAX	HPFFPU	70	131100 P022	005	1P 1P
078	PACS Detec Out 03 . I		PDO.-	-	P048	012SS-38	6			inner Shield	HPFFPU	70	131100 P022	017	
067	PACS Detec Out 03 . O		PDO.-	-	P048	012SS-38	6			outer Shield	HPFFPU	70	131100 P022	018	
-															
076	PACS Detec Out 04 . 3		PDO.-	-	P049	012SS-38	7			TRIAX	HPFFPU	70	131100 P022	019	1P 1P
065	PACS Detec Out 04 . I		PDO.-	-	P049	012SS-38	7			inner Shield	HPFFPU	70	131100 P022	006	
077	PACS Detec Out 04 . O		PDO.-	-	P049	012SS-38	7			outer Shield	HPFFPU	70	131100 P022	007	
-															
073	PACS Detec Out 05 . 3		PDO.-	-	P050	012SS-38	8			TRIAX	HPFFPU	70	131100 P022	008	1P 1P
062	PACS Detec Out 05 . I		PDO.-	-	P050	012SS-38	8			inner Shield	HPFFPU	70	131100 P022	020	
074	PACS Detec Out 05 . O		PDO.-	-	P050	012SS-38	8			outer Shield	HPFFPU	70	131100 P022	021	
-															
095	PACS Detec Out 06 . 3		PDO.-	-	P051	012SS-38	9			TRIAX	HPFFPU	70	131100 P022	022	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J002
 CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.											
084	PACS Detec Out 06 . I		PDO.-	-	P051	012SS-38	9			inner Shield	HPFPU	70	131100 P022	009	
096	PACS Detec Out 06 . O		PDO.-	-	P051	012SS-38	9			outer Shield	HPFPU	70	131100 P022	010	
-															
071	PACS Detec Out 07 . 3		PDO.-	-	P052	012SS-38	10			TRIAx	HPFPU	70	131100 P022	011	1P 1P
083	PACS Detec Out 07 . I		PDO.-	-	P052	012SS-38	10			inner Shield	HPFPU	70	131100 P022	023	
072	PACS Detec Out 07 . O		PDO.-	-	P052	012SS-38	10			outer Shield	HPFPU	70	131100 P022	024	
-															
048	PACS Detec Outref a Gr 3 . 3		PDR.-	-	P15A	012SS-38	11			TRIAx	HPFPU	70	131100 P022	025	1P 1P
049	PACS Detec Outref a Gr 3 . I		PDR.-	-	P15A	012SS-38	11			inner Shield	HPFPU	70	131100 P022	012	
060	PACS Detec Outref a Gr 3 . O		PDR.-	-	P15A	012SS-38	11			outer Shield	HPFPU	70	131100 P022	013	
-															
063	PACS Detec Out 08 . 3		PDO.-	-	P053	012SS-38	12			TRIAx	HPFPU	70	131100 P023	002	1P 1P
075	PACS Detec Out 08 . I		PDO.-	-	P053	012SS-38	12			inner Shield	HPFPU	70	131100 P023	014	
064	PACS Detec Out 08 . O		PDO.-	-	P053	012SS-38	12			outer Shield	HPFPU	70	131100 P023	015	
-															
047	PACS Detec Out 09 . 3		PDO.-	-	P054	012SS-38	13			TRIAx	HPFPU	70	131100 P023	016	1P 1P
046	PACS Detec Out 09 . I		PDO.-	-	P054	012SS-38	13			inner Shield	HPFPU	70	131100 P023	003	
058	PACS Detec Out 09 . O		PDO.-	-	P054	012SS-38	13			outer Shield	HPFPU	70	131100 P023	004	
-															
057	PACS Detec Out 10 . 3		PDO.-	-	P055	012SS-38	14			TRIAx	HPFPU	70	131100 P023	005	1P 1P
056	PACS Detec Out 10 . I		PDO.-	-	P055	012SS-38	14			inner Shield	HPFPU	70	131100 P023	017	
045	PACS Detec Out 10 . O		PDO.-	-	P055	012SS-38	14			outer Shield	HPFPU	70	131100 P023	018	
-															
044	PACS Detec Out 11 . 3		PDO.-	-	P056	012SS-38	15			TRIAx	HPFPU	70	131100 P023	019	1P 1P
043	PACS Detec Out 11 . I		PDO.-	-	P056	012SS-38	15			inner Shield	HPFPU	70	131100 P023	006	
055	PACS Detec Out 11 . O		PDO.-	-	P056	012SS-38	15			outer Shield	HPFPU	70	131100 P023	007	
-															
042	PACS Detec Out 12 . 3		PDO.-	-	P057	012SS-38	16			TRIAx	HPFPU	70	131100 P023	008	1P 1P
053	PACS Detec Out 12 . I		PDO.-	-	P057	012SS-38	16			inner Shield	HPFPU	70	131100 P023	020	
054	PACS Detec Out 12 . O		PDO.-	-	P057	012SS-38	16			outer Shield	HPFPU	70	131100 P023	021	
-															
040	PACS Detec Out 13 . 3		PDO.-	-	P058	012SS-38	17			TRIAx	HPFPU	70	131100 P023	022	1P 1P
041	PACS Detec Out 13 . I		PDO.-	-	P058	012SS-38	17			inner Shield	HPFPU	70	131100 P023	009	

Pin Allocation List

(Harness)

Connector: 211121 J002
CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.												
052	PACS Detec Out 13 . O		PDO.-	-	P058	012SS-38	17			outer Shield	HPFPU	70	131100 P023	010		
-																
050	PACS Detec Outref b Gr 3 . 3		PDR.-	-	P15B	012SS-38	18			TRIAx	HPFPU	70	131100 P023	011	1P	1P
039	PACS Detec Outref b Gr 3 . I		PDR.-	-	P15B	012SS-38	18			inner Shield	HPFPU	70	131100 P023	023		
051	PACS Detec Outref b Gr 3 . O		PDR.-	-	P15B	012SS-38	18			outer Shield	HPFPU	70	131100 P023	024		
-																
017	PACS Detec Synch Gr 3 . SIG		PDS.-	-	P059	021SS-38	19				HPFPU	70	131100 P023	012	2C	1P
017	PACS Detec Synch Gr 3 . SIG		PDS.-	-	P059	021SS-38	19				HPFPU	70	131100 P023	012	2C	1P
009	PACS Detec Synch Gr 3 . SH059		PDS.-	-	P059	021SS-38	19			CS-P059	HPFPU	70	131100 P023	025	1P	1P
-																
018	PACS Detec Clock Gr 3 . SIG		PDC.-	-	P060	021SS-38	20				HPFPU	70	131100 P023	013	2C	1P
018	PACS Detec Clock Gr 3 . SIG		PDC.-	-	P060	021SS-38	20				HPFPU	70	131100 P023	013	2C	1P
028	PACS Detec Clock Gr 3 . SH060		PDC.-	-	P060	021SS-38	20			S-P060	HPFPU	70	131100 P023	025	1P	1P
-																
010	PACS Detec Tsens+H Sup 3/4 . I163		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	009	2C	1P
019	PACS Detec Tsens+H Sup 3/4 . U163		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	002		
011	PACS Detec Tsens+H Sup 3/4 . U263		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	010		
020	PACS Detec Tsens+H Sup 3/4 . U363		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	003	1P	
012	PACS Detec Tsens+H Sup 3/4 . I263		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	011		
021	PACS Detec Tsens+H Sup 3/4 . I1194		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	004		
013	PACS Detec Tsens+H Sup 3/4 . U1194		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	012		
022	PACS Detec Tsens+H Sup 3/4 . U2194		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	005		
014	PACS Detec Tsens+H Sup 3/4 . U3194		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	013		
023	PACS Detec Tsens+H Sup 3/4 . I2194		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	006		
004	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	014	2C	2C
004	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	014	2C	2C
005	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	007	2C	2C
005	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	007	2C	2C
006	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	015	2C	2C
006	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	015	2C	2C
007	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	008	2C	2C
007	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.-	-	P076	191SS-38	21				HPFPU	70	131100 P024	008	2C	2C
003	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.-	-	P076	191SS-38	21			CS-P076	HPFPU	70	131100 P024	001	1P	1P
-										1 NU wire CS- P076						1P

Pin Allocation List

(Harness)

Connector: 131100 P025
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-04 (16b,68-74)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 21 4 . 4		PDO.-	-	P068	012SS-38	68			TRIAX	CVVUCR	33	211121 J001	093	1P 1P
014	PACS Detec Out 21 4 . I		PDO.-	-	P068	012SS-38	68			inner Shield	CVVUCR	33	211121 J001	092	
015	PACS Detec Out 21 4 . O		PDO.-	-	P068	012SS-38	68			outer Shield	CVVUCR	33	211121 J001	100	
-															
016	PACS Detec Out 22 4 . 4		PDO.-	-	P069	012SS-38	69			TRIAX	CVVUCR	33	211121 J001	099	1P 1P
003	PACS Detec Out 22 4 . I		PDO.-	-	P069	012SS-38	69			inner Shield	CVVUCR	33	211121 J001	098	
004	PACS Detec Out 22 4 . O		PDO.-	-	P069	012SS-38	69			outer Shield	CVVUCR	33	211121 J001	091	
-															
005	PACS Detec Out 23 4 . 4		PDO.-	-	P070	012SS-38	70			TRIAX	CVVUCR	33	211121 J001	090	1P 1P
017	PACS Detec Out 23 4 . I		PDO.-	-	P070	012SS-38	70			inner Shield	CVVUCR	33	211121 J001	081	
018	PACS Detec Out 23 4 . O		PDO.-	-	P070	012SS-38	70			outer Shield	CVVUCR	33	211121 J001	089	
-															
019	PACS Detec Out 24 4 . 4		PDO.-	-	P071	012SS-38	71			TRIAX	CVVUCR	33	211121 J001	096	1P 1P
006	PACS Detec Out 24 4 . I		PDO.-	-	P071	012SS-38	71			inner Shield	CVVUCR	33	211121 J001	095	
007	PACS Detec Out 24 4 . O		PDO.-	-	P071	012SS-38	71			outer Shield	CVVUCR	33	211121 J001	097	
-															
008	PACS Detec Out 25 4 . 4		PDO.-	-	P072	012SS-38	72			TRIAX	CVVUCR	33	211121 J001	087	1P 1P
020	PACS Detec Out 25 4 . I		PDO.-	-	P072	012SS-38	72			inner Shield	CVVUCR	33	211121 J001	094	
021	PACS Detec Out 25 4 . O		PDO.-	-	P072	012SS-38	72			outer Shield	CVVUCR	33	211121 J001	088	
-															
011	PACS Detec Outref b Gr 4 . 4		PDR.-	-	P16B	012SS-38	16			TRIAX	CVVUCR	33	211121 J001	080	1P 1P
023	PACS Detec Outref b Gr 4 . I		PDR.-	-	P16B	012SS-38	16			inner Shield	CVVUCR	33	211121 J001	070	
024	PACS Detec Outref b Gr 4 . O		PDR.-	-	P16B	012SS-38	16			outer Shield	CVVUCR	33	211121 J001	079	
-															
012	PACS Detec Synch Gr 4 . SIG		PDS.-	-	P073	021SS-38	73				CVVUCR	33	211121 J001	086	1P 2C
012	PACS Detec Synch Gr 4 . SIG		PDS.-	-	P073	021SS-38	73				CVVUCR	33	211121 J001	086	1P 2C
025	PACS Detec Synch Gr 4 . SH073		PDS.-	-	P073	021SS-38	73			CS-P073	CVVUCR	33	211121 J001	077	1P 1P
-															
013	PACS Detec Clock Gr 4 . SIG		PDC.-	-	P074	021SS-38	74				CVVUCR	33	211121 J001	068	1P 2C
013	PACS Detec Clock Gr 4 . SIG		PDC.-	-	P074	021SS-38	74				CVVUCR	33	211121 J001	068	1P 2C
025	PACS Detec Clock Gr 4 . SH074		PDC.-	-	P074	021SS-38	74			CS-P074	CVVUCR	33	211121 J001	078	1P 1P
001	NC														
009	NC														

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 50 (of 464)

Connector: 131100 P025
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-04 (16b,68-74)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

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

Pin Allocation List

(Harness)

Connector: 131100 P026
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-04 (16a,61-67)

Conn.-Type: MWDM2L-25P-6C3-.630
Backshell: BS-SS-17D-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 14 4 . 4		PDO.-	-	P061	012SS-38	61			TRIAX	CVVUCR	33	211121 J001	076	1P 1P
014	PACS Detec Out 14 4 . I	SHD	PDO.-	-	P061	012SS-38	61			inner Shield	CVVUCR	33	211121 J001	075	
015	PACS Detec Out 14 4 . O	SHD	PDO.-	-	P061	012SS-38	61			outer Shield	CVVUCR	33	211121 J001	085	
-															
016	PACS Detec Out 15 4 . 4		PDO.-	-	P062	012SS-38	62			TRIAX	CVVUCR	33	211121 J001	074	1P 1P
003	PACS Detec Out 15 4 . I	SHD	PDO.-	-	P062	012SS-38	62			inner Shield	CVVUCR	33	211121 J001	083	
004	PACS Detec Out 15 4 . O	SHD	PDO.-	-	P062	012SS-38	62			outer Shield	CVVUCR	33	211121 J001	084	
-															
005	PACS Detec Out 16 4 . 4		PDO.-	-	P063	012SS-38	63			TRIAX	CVVUCR	33	211121 J001	072	1P 1P
017	PACS Detec Out 16 4 . I	SHD	PDO.-	-	P063	012SS-38	63			inner Shield	CVVUCR	33	211121 J001	073	
018	PACS Detec Out 16 4 . O	SHD	PDO.-	-	P063	012SS-38	63			outer Shield	CVVUCR	33	211121 J001	082	
-															
019	PACS Detec Out 17 4 . 4		PDO.-	-	P064	012SS-38	64			TRIAX	CVVUCR	33	211121 J001	061	1P 1P
006	PACS Detec Out 17 4 . I	SHD	PDO.-	-	P064	012SS-38	64			inner Shield	CVVUCR	33	211121 J001	071	
007	PACS Detec Out 17 4 . O	SHD	PDO.-	-	P064	012SS-38	64			outer Shield	CVVUCR	33	211121 J001	060	
-															
008	PACS Detec Out 18 4 . 4		PDO.-	-	P065	012SS-38	65			TRIAX	CVVUCR	33	211121 J001	059	1P 1P
020	PACS Detec Out 18 4 . I	SHD	PDO.-	-	P065	012SS-38	65			inner Shield	CVVUCR	33	211121 J001	058	
021	PACS Detec Out 18 4 . O	SHD	PDO.-	-	P065	012SS-38	65			outer Shield	CVVUCR	33	211121 J001	069	
-															
022	PACS Detec Out 19 4 . 4		PDO.-	-	P066	012SS-38	66			TRIAX	CVVUCR	33	211121 J001	055	1P 1P
009	PACS Detec Out 19 4 . I	SHD	PDO.-	-	P066	012SS-38	66			inner Shield	CVVUCR	33	211121 J001	066	
010	PACS Detec Out 19 4 . O	SHD	PDO.-	-	P066	012SS-38	66			outer Shield	CVVUCR	33	211121 J001	065	
-															
011	PACS Detec Out 20 4 . 4		PDO.-	-	P067	012SS-38	67			TRIAX	CVVUCR	33	211121 J001	053	1P 1P
023	PACS Detec Out 20 4 . I	SHD	PDO.-	-	P067	012SS-38	67			inner Shield	CVVUCR	33	211121 J001	054	
024	PACS Detec Out 20 4 . O	SHD	PDO.-	-	P067	012SS-38	67			outer Shield	CVVUCR	33	211121 J001	064	
-															
025	PACS Detec Outref a Gr 4 . 4		PDR.-	-	P16A	012SS-38	16			TRIAX	CVVUCR	33	211121 J001	052	1P 1P
012	PACS Detec Outref a Gr 4 . I	SHD	PDR.-	-	P16A	012SS-38	16			inner Shield	CVVUCR	33	211121 J001	051	
013	PACS Detec Outref a Gr 4 . O	SHD	PDR.-	-	P16A	012SS-38	16			outer Shield	CVVUCR	33	211121 J001	062	
001	NC														

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 52 (of 464)

For double side printing this page intentionally left blank

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 53 (of 464)

Connector: 131100 P027
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-04 (10)

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.											1P	2C
001	PACS Logic Supply Gr 4 . SELC4		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	041	1P	2C
009	PACS Logic Supply Gr 4 . SEL14		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	031		
002	PACS Logic Supply Gr 4 . SEL24		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	042		1P
010	PACS Logic Supply Gr 4 . CaDs4		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	032		
003	PACS Logic Supply Gr 4 . CaD4		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	043		
011	PACS Logic Supply Gr 4 . CnDs4		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	033		
004	PACS Logic Supply Gr 4 . CnD4		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	044		
012	PACS Logic Supply Gr 4 . VDds4		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	034		
005	PACS Logic Supply Gr 4 . VDDd4		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	045	2C	2C
005	PACS Logic Supply Gr 4 . VDDd4		PD1.-	-	P010	111SS-38	10				CVVUCR	33	211121 J001	045	2C	2C
013	PACS Logic Supply Gr 4 . SH010		PD1.-	-	P010	111SS-38	10			CS-P010	CVVUCR	33	211121 J001	030	1P	1P
-				-						1NU wire con to CS-P010						1P
006	NC															
014	NC															
007	NC															
015	NC															
008	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 54 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List (Harness)

Connector: 131100 P028
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-04 (11,12)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-LS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.												
003	PACS DC Supply Gr 4 . VDDa4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	009	2C	2C
003	PACS DC Supply Gr 4 . VDDa4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	009	2C	2C
019	PACS DC Supply Gr 4 . VDAs4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	018		
004	PACS DC Supply Gr 4 . VSS4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	010	2C	2C
004	PACS DC Supply Gr 4 . VSS4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	010	2C	2C
020	PACS DC Supply Gr 4 . VSSs4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	019		
005	PACS DC Supply Gr 4 . CasP4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	011	1P	2C
021	PACS DC Supply Gr 4 . CaPs4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	020		
006	PACS DC Supply Gr 4 . CasN4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	012		
022	PACS DC Supply Gr 4 . CaNs4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	021		1P
007	PACS DC Supply Gr 4 . CaN14		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	013		
023	PACS DC Supply Gr 4 . CN1s4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	022		
008	PACS DC Supply Gr 4 . CaN24		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	014		
024	PACS DC Supply Gr 4 . CN2s4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	023		
009	PACS DC Supply Gr 4 . VDDr4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	015		
025	PACS DC Supply Gr 4 . VDrs4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	024		
010	PACS DC Supply Gr 4 . LVL4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	006		
026	PACS DC Supply Gr 4 . LVLs4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	007		
011	PACS DC Supply Gr 4 . WELL4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	004		
027	PACS DC Supply Gr 4 . WELs4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	005		
012	PACS DC Supply Gr 4 . SUB4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	002		
028	PACS DC Supply Gr 4 . SUBs4		PD2.-	-	P011	241SS-38	11				CVVUCR	33	211121 J001	003		
018	PACS DC Supply Gr 4 . SH011		PD2.-	-	P011	241SS-38	11			CS-P011	CVVUCR	33	211121 J001	001	1P	1P
-										2 NU wires con to CS-P011						1P
-																
029	PACS Detec Bias Gr 4 . Zero4		PD3.-	-	P012	061SS-38	12				CVVUCR	33	211121 J001	027	1P	2C
014	PACS Detec Bias Gr 4 . Zers4		PD3.-	-	P012	061SS-38	12				CVVUCR	33	211121 J001	038		
030	PACS Detec Bias Gr 4 . Gnd4		PD3.-	-	P012	061SS-38	12				CVVUCR	33	211121 J001	028		1P
015	PACS Detec Bias Gr 4 . GnSe4		PD3.-	-	P012	061SS-38	12				CVVUCR	33	211121 J001	039		
031	PACS Detec Bias Gr 4 . R4		PD3.-	-	P012	061SS-38	12				CVVUCR	33	211121 J001	029		
016	PACS Detec Bias Gr 4 . Rs4		PD3.-	-	P012	061SS-38	12				CVVUCR	33	211121 J001	040		
013	PACS Detec Bias Gr 4 . SH012		PD3.-	-	P012	061SS-38	12			CS-P012	CVVUCR	33	211121 J001	037	1P	1P
001	NC															
017	NC															

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 56 (of 464)

Connector: 131100 P028
HPFPU

Function / Bundle: FPU to DECSWL SIH-XP-04 (11,12)

Conn.-Type: MWDM2L-31P-6C3-.630

Backshell: BS-LS-17E-01

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

Pin Allocation List

(Harness)

Connector: 211121 J001
CVVUCR

Function / Bundle: SIH-XP-04 (16b;68-74;16a;61-67;10-12)

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.											
093	PACS Detec Out 21 4 . 4		PDO.-	-	P068	012SS-38	1			TRIAx	HPFPU	70	131100 P025	002	1P 1P
092	PACS Detec Out 21 4 . I		PDO.-	-	P068	012SS-38	1			inner Shield	HPFPU	70	131100 P025	014	
100	PACS Detec Out 21 4 . O		PDO.-	-	P068	012SS-38	1			outer Shield	HPFPU	70	131100 P025	015	
-															
099	PACS Detec Out 22 4 . 4		PDO.-	-	P069	012SS-38	2			TRIAx	HPFPU	70	131100 P025	016	1P 1P
098	PACS Detec Out 22 4 . I		PDO.-	-	P069	012SS-38	2			inner Shield	HPFPU	70	131100 P025	003	
091	PACS Detec Out 22 4 . O		PDO.-	-	P069	012SS-38	2			outer Shield	HPFPU	70	131100 P025	004	
-															
090	PACS Detec Out 23 4 . 4		PDO.-	-	P070	012SS-38	3			TRIAx	HPFPU	70	131100 P025	005	1P 1P
081	PACS Detec Out 23 4 . I		PDO.-	-	P070	012SS-38	3			inner Shield	HPFPU	70	131100 P025	017	
089	PACS Detec Out 23 4 . O		PDO.-	-	P070	012SS-38	3			outer Shield	HPFPU	70	131100 P025	018	
-															
096	PACS Detec Out 24 4 . 4		PDO.-	-	P071	012SS-38	4			TRIAx	HPFPU	70	131100 P025	019	1P 1P
095	PACS Detec Out 24 4 . I		PDO.-	-	P071	012SS-38	4			inner Shield	HPFPU	70	131100 P025	006	
097	PACS Detec Out 24 4 . O		PDO.-	-	P071	012SS-38	4			outer Shield	HPFPU	70	131100 P025	007	
-															
087	PACS Detec Out 25 4 . 4		PDO.-	-	P072	012SS-38	5			TRIAx	HPFPU	70	131100 P025	008	1P 1P
094	PACS Detec Out 25 4 . I		PDO.-	-	P072	012SS-38	5			inner Shield	HPFPU	70	131100 P025	020	
088	PACS Detec Out 25 4 . O		PDO.-	-	P072	012SS-38	5			outer Shield	HPFPU	70	131100 P025	021	
-															
080	PACS Detec Outref b Gr 4 . 4		PDR.-	-	P16B	012SS-38	6			TRIAx	HPFPU	70	131100 P025	011	1P 1P
070	PACS Detec Outref b Gr 4 . I		PDR.-	-	P16B	012SS-38	6			inner Shield	HPFPU	70	131100 P025	023	
079	PACS Detec Outref b Gr 4 . O		PDR.-	-	P16B	012SS-38	6			outer Shield	HPFPU	70	131100 P025	024	
-															
086	PACS Detec Synch Gr 4 . SIG		PDS.-	-	P073	021SS-38	7				HPFPU	70	131100 P025	012	2C 1P
086	PACS Detec Synch Gr 4 . SIG		PDS.-	-	P073	021SS-38	7				HPFPU	70	131100 P025	012	2C 1P
077	PACS Detec Synch Gr 4 . SH073		PDS.-	-	P073	021SS-38	7			CS-P073	HPFPU	70	131100 P025	025	1P 1P
-															
068	PACS Detec Clock Gr 4 . SIG		PDC.-	-	P074	021SS-38	8				HPFPU	70	131100 P025	013	2C 1P
068	PACS Detec Clock Gr 4 . SIG		PDC.-	-	P074	021SS-38	8				HPFPU	70	131100 P025	013	2C 1P
078	PACS Detec Clock Gr 4 . SH074		PDC.-	-	P074	021SS-38	8			CS-P074	HPFPU	70	131100 P025	025	1P 1P
-															
076	PACS Detec Out 14 4 . 4		PDO.-	-	P061	012SS-38	9			TRIAx	HPFPU	70	131100 P026	002	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J001
 CVVUCR

Function / Bundle: SIH-XP-04 (16b;68-74;16a;61-67;10-12)

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.											
075	PACS Detec Out 14 4 . I		PDO.-	-	P061	012SS-38	9			inner Shield	HPFPU	70	131100 P026	014	
085	PACS Detec Out 14 4 . O		PDO.-	-	P061	012SS-38	9			outer Shield	HPFPU	70	131100 P026	015	
-															
074	PACS Detec Out 15 4 . 4		PDO.-	-	P062	012SS-38	10			TRIAx	HPFPU	70	131100 P026	016	1P 1P
083	PACS Detec Out 15 4 . I		PDO.-	-	P062	012SS-38	10			inner Shield	HPFPU	70	131100 P026	003	
084	PACS Detec Out 15 4 . O		PDO.-	-	P062	012SS-38	10			outer Shield	HPFPU	70	131100 P026	004	
-															
072	PACS Detec Out 16 4 . 4		PDO.-	-	P063	012SS-38	11			TRIAx	HPFPU	70	131100 P026	005	1P 1P
073	PACS Detec Out 16 4 . I		PDO.-	-	P063	012SS-38	11			inner Shield	HPFPU	70	131100 P026	017	
082	PACS Detec Out 16 4 . O		PDO.-	-	P063	012SS-38	11			outer Shield	HPFPU	70	131100 P026	018	
-															
061	PACS Detec Out 17 4 . 4		PDO.-	-	P064	012SS-38	12			TRIAx	HPFPU	70	131100 P026	019	1P 1P
071	PACS Detec Out 17 4 . I		PDO.-	-	P064	012SS-38	12			inner Shield	HPFPU	70	131100 P026	006	
060	PACS Detec Out 17 4 . O		PDO.-	-	P064	012SS-38	12			outer Shield	HPFPU	70	131100 P026	007	
-															
059	PACS Detec Out 18 4 . 4		PDO.-	-	P065	012SS-38	13			TRIAx	HPFPU	70	131100 P026	008	1P 1P
058	PACS Detec Out 18 4 . I		PDO.-	-	P065	012SS-38	13			inner Shield	HPFPU	70	131100 P026	020	
069	PACS Detec Out 18 4 . O		PDO.-	-	P065	012SS-38	13			outer Shield	HPFPU	70	131100 P026	021	
-															
055	PACS Detec Out 19 4 . 4		PDO.-	-	P066	012SS-38	14			TRIAx	HPFPU	70	131100 P026	022	1P 1P
066	PACS Detec Out 19 4 . I		PDO.-	-	P066	012SS-38	14			inner Shield	HPFPU	70	131100 P026	009	
065	PACS Detec Out 19 4 . O		PDO.-	-	P066	012SS-38	14			outer Shield	HPFPU	70	131100 P026	010	
-															
053	PACS Detec Out 20 4 . 4		PDO.-	-	P067	012SS-38	15			TRIAx	HPFPU	70	131100 P026	011	1P 1P
054	PACS Detec Out 20 4 . I		PDO.-	-	P067	012SS-38	15			inner Shield	HPFPU	70	131100 P026	023	
064	PACS Detec Out 20 4 . O		PDO.-	-	P067	012SS-38	15			outer Shield	HPFPU	70	131100 P026	024	
-															
052	PACS Detec Outref a Gr 4 . 4		PDR.-	-	P16A	012SS-38	16			TRIAx	HPFPU	70	131100 P026	025	1P 1P
051	PACS Detec Outref a Gr 4 . I		PDR.-	-	P16A	012SS-38	16			inner Shield	HPFPU	70	131100 P026	012	
062	PACS Detec Outref a Gr 4 . O		PDR.-	-	P16A	012SS-38	16			outer Shield	HPFPU	70	131100 P026	013	
-															
041	PACS Logic Supply Gr 4 . SELC4		PD1.-	-	P010	111SS-38	17				HPFPU	70	131100 P027	001	2C 1P
031	PACS Logic Supply Gr 4 . SEL14		PD1.-	-	P010	111SS-38	17				HPFPU	70	131100 P027	009	

Pin Allocation List

(Harness)

Connector: 211121 J001
 CVVUCR

Function / Bundle: SIH-XP-04 (16b;68-74;16a;61-67;10-12)

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.											
042	PACS Logic Supply Gr 4 . SEL24		PD1.-	-	P010	111SS-38	17				HPFFPU	70	131100 P027	002	1P
032	PACS Logic Supply Gr 4 . CaDs4		PD1.-	-	P010	111SS-38	17				HPFFPU	70	131100 P027	010	
043	PACS Logic Supply Gr 4 . CaD4		PD1.-	-	P010	111SS-38	17				HPFFPU	70	131100 P027	003	
033	PACS Logic Supply Gr 4 . CnDs4		PD1.-	-	P010	111SS-38	17				HPFFPU	70	131100 P027	011	
044	PACS Logic Supply Gr 4 . CnD4		PD1.-	-	P010	111SS-38	17				HPFFPU	70	131100 P027	004	
034	PACS Logic Supply Gr 4 . VDds4		PD1.-	-	P010	111SS-38	17				HPFFPU	70	131100 P027	012	
045	PACS Logic Supply Gr 4 . VDDd4		PD1.-	-	P010	111SS-38	17				HPFFPU	70	131100 P027	005	2C 2C
045	PACS Logic Supply Gr 4 . VDDd4		PD1.-	-	P010	111SS-38	17				HPFFPU	70	131100 P027	005	2C 2C
030	PACS Logic Supply Gr 4 . SH010		PD1.-	-	P010	111SS-38	17			CS-P010	HPFFPU	70	131100 P027	013	1P 1P
-										1 NU wire con to CS-P010					1P
-															
009	PACS DC Supply Gr 4 . VDDa4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	003	2C 2C
009	PACS DC Supply Gr 4 . VDDa4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	003	2C 2C
018	PACS DC Supply Gr 4 . VDas4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	019	
010	PACS DC Supply Gr 4 . VSS4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	004	2C 2C
010	PACS DC Supply Gr 4 . VSS4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	004	2C 2C
019	PACS DC Supply Gr 4 . VSSs4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	020	
011	PACS DC Supply Gr 4 . CasP4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	005	2C 1P
020	PACS DC Supply Gr 4 . CaPs4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	021	
012	PACS DC Supply Gr 4 . CasN4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	006	
021	PACS DC Supply Gr 4 . CaNs4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	022	1P
013	PACS DC Supply Gr 4 . CaN14		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	007	
022	PACS DC Supply Gr 4 . CN1s4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	023	
014	PACS DC Supply Gr 4 . CaN24		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	008	
023	PACS DC Supply Gr 4 . CN2s4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	024	
015	PACS DC Supply Gr 4 . VDDr4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	009	
024	PACS DC Supply Gr 4 . VDr4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	025	
006	PACS DC Supply Gr 4 . LVL4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	010	
007	PACS DC Supply Gr 4 . LVLs4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	026	
004	PACS DC Supply Gr 4 . WELL4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	011	
005	PACS DC Supply Gr 4 . WELs4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	027	
002	PACS DC Supply Gr 4 . SUB4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	012	
003	PACS DC Supply Gr 4 . SUBs4		PD2.-	-	P011	241SS-38	18				HPFFPU	70	131100 P028	028	
001	PACS DC Supply Gr 4 . SH011		PD2.-	-	P011	241SS-38	18			CS-P011	HPFFPU	70	131100 P028	018	1P 1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 60 (of 464)

Connector: 211121 J001
 CVVUCR

Function / Bundle: SIH-XP-04 (16b;68-74;16a;61-67;10-12)

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.											
-										2 NU wires co to CS-P011					1P
027	PACS Detec Bias Gr 4 . Zero4		PD3.-	-	P012	061SS-38	19				HPFFPU	70	131100 P028	029	2C 1P
038	PACS Detec Bias Gr 4 . Zers4		PD3.-	-	P012	061SS-38	19				HPFFPU	70	131100 P028	014	
028	PACS Detec Bias Gr 4 . Gnd4		PD3.-	-	P012	061SS-38	19				HPFFPU	70	131100 P028	030	1P
039	PACS Detec Bias Gr 4 . GnSe4		PD3.-	-	P012	061SS-38	19				HPFFPU	70	131100 P028	015	
029	PACS Detec Bias Gr 4 . R4		PD3.-	-	P012	061SS-38	19				HPFFPU	70	131100 P028	031	
040	PACS Detec Bias Gr 4 . Rs4		PD3.-	-	P012	061SS-38	19				HPFFPU	70	131100 P028	016	
037	PACS Detec Bias Gr 4 . SH012		PD3.-	-	P012	061SS-38	19			CS-P012	HPFFPU	70	131100 P028	013	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P050
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-05 (601b,c)

Conn.-Type: MWDM2L-37S-6C3-.630

Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S1-16 B 1. REF16		PX1.-	-	P601	TP8SS-38	1	601b	1		CVVUCR	33	211121 J005	105	1P	1P
004	PACS S1-16 B 1. S16		PX1.-	-	P601	TP8SS-38	1	601b	1		CVVUCR	33	211121 J005	115	1P	1P
023	PACS S1-16 B 1. REF15		PX1.-	-	P601	TP8SS-38	1	601b	2		CVVUCR	33	211121 J005	106	1P	1P
005	PACS S1-16 B 1. S15		PX1.-	-	P601	TP8SS-38	1	601b	2		CVVUCR	33	211121 J005	107	1P	1P
024	PACS S1-16 B 1. REF14		PX1.-	-	P601	TP8SS-38	1	601b	3		CVVUCR	33	211121 J005	122	1P	1P
006	PACS S1-16 B 1. S14		PX1.-	-	P601	TP8SS-38	1	601b	3		CVVUCR	33	211121 J005	123	1P	1P
025	PACS S1-16 B 1. REF13		PX1.-	-	P601	TP8SS-38	1	601b	4		CVVUCR	33	211121 J005	116	1P	1P
007	PACS S1-16 B 1. S13		PX1.-	-	P601	TP8SS-38	1	601b	4		CVVUCR	33	211121 J005	117	1P	1P
026	PACS S1-16 B 1. REF12		PX1.-	-	P601	TP8SS-38	1	601b	5		CVVUCR	33	211121 J005	108	1P	1P
008	PACS S1-16 B 1. S12		PX1.-	-	P601	TP8SS-38	1	601b	5		CVVUCR	33	211121 J005	109	1P	1P
027	PACS S1-16 B 1. REF11		PX1.-	-	P601	TP8SS-38	1	601b	6		CVVUCR	33	211121 J005	124	1P	1P
009	PACS S1-16 B 1. S11		PX1.-	-	P601	TP8SS-38	1	601b	6		CVVUCR	33	211121 J005	125	1P	1P
028	PACS S1-16 B 1. REF10		PX1.-	-	P601	TP8SS-38	1	601b	7		CVVUCR	33	211121 J005	118	1P	1P
010	PACS S1-16 B 1. S10		PX1.-	-	P601	TP8SS-38	1	601b	7		CVVUCR	33	211121 J005	110	1P	1P
029	PACS S1-16 B 1. REF09		PX1.-	-	P601	TP8SS-38	1	601b	8		CVVUCR	33	211121 J005	119	1P	1P
011	PACS S1-16 B 1. S09		PX1.-	-	P601	TP8SS-38	1	601b	8		CVVUCR	33	211121 J005	126	1P	1P
CH	PACS S1-16 B 1. S601b		PX1.-	-	P601	TP8SS-38	1	601b		CS-601b	CVVUCR	33	211121 J005	094	1P	1P
-																
030	PACS S1-16 B 1. REF08		PX1.-	-	P601	TP8SS-38	2	601c	9		CVVUCR	33	211121 J005	127	1P	1P
012	PACS S1-16 B 1. S08		PX1.-	-	P601	TP8SS-38	2	601c	9		CVVUCR	33	211121 J005	120	1P	1P
031	PACS S1-16 B 1. REF07		PX1.-	-	P601	TP8SS-38	2	601c	A		CVVUCR	33	211121 J005	128	1P	1P
013	PACS S1-16 B 1. S07		PX1.-	-	P601	TP8SS-38	2	601c	A		CVVUCR	33	211121 J005	121	1P	1P
032	PACS S1-16 B 1. REF06		PX1.-	-	P601	TP8SS-38	2	601c	B		CVVUCR	33	211121 J005	112	1P	1P
014	PACS S1-16 B 1. S06		PX1.-	-	P601	TP8SS-38	2	601c	B		CVVUCR	33	211121 J005	102	1P	1P
033	PACS S1-16 B 1. REF05		PX1.-	-	P601	TP8SS-38	2	601c	C		CVVUCR	33	211121 J005	113	1P	1P
015	PACS S1-16 B 1. S05		PX1.-	-	P601	TP8SS-38	2	601c	C		CVVUCR	33	211121 J005	103	1P	1P
034	PACS S1-16 B 1. REF04		PX1.-	-	P601	TP8SS-38	2	601c	D		CVVUCR	33	211121 J005	091	1P	1P
016	PACS S1-16 B 1. S04		PX1.-	-	P601	TP8SS-38	2	601c	D		CVVUCR	33	211121 J005	080	1P	1P
035	PACS S1-16 B 1. REF03		PX1.-	-	P601	TP8SS-38	2	601c	E		CVVUCR	33	211121 J005	114	1P	1P
017	PACS S1-16 B 1. S03		PX1.-	-	P601	TP8SS-38	2	601c	E		CVVUCR	33	211121 J005	104	1P	1P
036	PACS S1-16 B 1. REF02		PX1.-	-	P601	TP8SS-38	2	601c	F		CVVUCR	33	211121 J005	092	1P	1P
018	PACS S1-16 B 1. S02		PX1.-	-	P601	TP8SS-38	2	601c	F		CVVUCR	33	211121 J005	093	1P	1P
037	PACS S1-16 B 1. REF01		PX1.-	-	P601	TP8SS-38	2	601c	G		CVVUCR	33	211121 J005	069	1P	1P
019	PACS S1-16 B 1. S01		PX1.-	-	P601	TP8SS-38	2	601c	G		CVVUCR	33	211121 J005	081	1P	1P
CH	PACS S1-16 B 1. S601c		PX1.-	-	P601	TP8SS-38	2	601c		CS-601c	CVVUCR	33	211121 J005	111	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 62 (of 464)

Connector: 131100 P050
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-05 (601b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
020	NC														
002	NC														
021	NC														
003	NC														

Pin Allocation List

(Harness)

Connector: 131100 P051
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-05 (602b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S17-32 B 1 . REF32		PX1.-	-	P602	TP8SS-38	1	602b	1		CVVUCR	33	211121 J005	026	1P	1P
004	PACS S17-32 B 1 . S32		PX1.-	-	P602	TP8SS-38	1	602b	1		CVVUCR	33	211121 J005	015	1P	1P
023	PACS S17-32 B 1 . REF31		PX1.-	-	P602	TP8SS-38	1	602b	2		CVVUCR	33	211121 J005	016	1P	1P
005	PACS S17-32 B 1 . S31		PX1.-	-	P602	TP8SS-38	1	602b	2		CVVUCR	33	211121 J005	027	1P	1P
024	PACS S17-32 B 1 . REF30		PX1.-	-	P602	TP8SS-38	1	602b	3		CVVUCR	33	211121 J005	008	1P	1P
006	PACS S17-32 B 1 . S30		PX1.-	-	P602	TP8SS-38	1	602b	3		CVVUCR	33	211121 J005	001	1P	1P
025	PACS S17-32 B 1 . REF29		PX1.-	-	P602	TP8SS-38	1	602b	3		CVVUCR	33	211121 J005	028	1P	1P
007	PACS S17-32 B 1 . S29		PX1.-	-	P602	TP8SS-38	1	602b	4		CVVUCR	33	211121 J005	017	1P	1P
026	PACS S17-32 B 1 . REF28		PX1.-	-	P602	TP8SS-38	1	602b	4		CVVUCR	33	211121 J005	009	1P	1P
008	PACS S17-32 B 1 . S28		PX1.-	-	P602	TP8SS-38	1	602b	5		CVVUCR	33	211121 J005	002	1P	1P
027	PACS S17-32 B 1 . REF27		PX1.-	-	P602	TP8SS-38	1	602b	5		CVVUCR	33	211121 J005	018	1P	1P
009	PACS S17-32 B 1 . S27		PX1.-	-	P602	TP8SS-38	1	602b	6		CVVUCR	33	211121 J005	010	1P	1P
028	PACS S17-32 B 1 . REF26		PX1.-	-	P602	TP8SS-38	1	602b	7		CVVUCR	33	211121 J005	003	1P	1P
010	PACS S17-32 B 1 . S26		PX1.-	-	P602	TP8SS-38	1	602b	7		CVVUCR	33	211121 J005	004	1P	1P
029	PACS S17-32 B 1 . REF25		PX1.-	-	P602	TP8SS-38	1	602b	8		CVVUCR	33	211121 J005	011	1P	1P
011	PACS S17-32 B 1 . S25		PX1.-	-	P602	TP8SS-38	1	602b	8		CVVUCR	33	211121 J005	019	1P	1P
CH	PACS S17-32 B 1 . S602b		PX1.-	-	P602	TP8SS-38	1	602b		CS-602b	CVVUCR	33	211121 J005	025	1P	1P
-																
030	PACS S17-32 B 1 . REF24		PX1.-	-	P602	TP8SS-38	2	602c	9		CVVUCR	33	211121 J005	006	1P	1P
012	PACS S17-32 B 1 . S24		PX1.-	-	P602	TP8SS-38	2	602c	9		CVVUCR	33	211121 J005	005	1P	1P
031	PACS S17-32 B 1 . REF23		PX1.-	-	P602	TP8SS-38	2	602c	A		CVVUCR	33	211121 J005	013	1P	1P
013	PACS S17-32 B 1 . S23		PX1.-	-	P602	TP8SS-38	2	602c	A		CVVUCR	33	211121 J005	007	1P	1P
032	PACS S17-32 B 1 . REF22		PX1.-	-	P602	TP8SS-38	2	602c	B		CVVUCR	33	211121 J005	014	1P	1P
014	PACS S17-32 B 1 . S22		PX1.-	-	P602	TP8SS-38	2	602c	B		CVVUCR	33	211121 J005	023	1P	1P
033	PACS S17-32 B 1 . REF21		PX1.-	-	P602	TP8SS-38	2	602c	C		CVVUCR	33	211121 J005	022	1P	1P
015	PACS S17-32 B 1 . S21		PX1.-	-	P602	TP8SS-38	2	602c	C		CVVUCR	33	211121 J005	033	1P	1P
034	PACS S17-32 B 1 . REF20		PX1.-	-	P602	TP8SS-38	2	602c	D		CVVUCR	33	211121 J005	034	1P	1P
016	PACS S17-32 B 1 . S20		PX1.-	-	P602	TP8SS-38	2	602c	D		CVVUCR	33	211121 J005	024	1P	1P
035	PACS S17-32 B 1 . REF19		PX1.-	-	P602	TP8SS-38	2	602c	E		CVVUCR	33	211121 J005	045	1P	1P
017	PACS S17-32 B 1 . S19		PX1.-	-	P602	TP8SS-38	2	602c	E		CVVUCR	33	211121 J005	046	1P	1P
036	PACS S17-32 B 1 . REF18		PX1.-	-	P602	TP8SS-38	2	602c	F		CVVUCR	33	211121 J005	035	1P	1P
018	PACS S17-32 B 1 . S18		PX1.-	-	P602	TP8SS-38	2	602c	F		CVVUCR	33	211121 J005	047	1P	1P
037	PACS S17-32 B 1 . REF17		PX1.-	-	P602	TP8SS-38	2	602c	G		CVVUCR	33	211121 J005	058	1P	1P
019	PACS S17-32 B 1 . S17		PX1.-	-	P602	TP8SS-38	2	602c	G		CVVUCR	33	211121 J005	057	1P	1P
CH	PACS S17-32 B 1 . S602c		PX1.-	-	P602	TP8SS-38	2	602c		CS-602c	CVVUCR	33	211121 J005	012	1P	1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 64 (of 464)

Connector: 131100 P051
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-05 (602b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
020	NC														
002	NC														
021	NC														
003	NC			-											

Pin Allocation List

(Harness)

Connector: 131100 P052
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-05 (603-605)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS FLCLK B 1 . VGDEC		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	096	2C
020	PACS FLCLK B 1 . VSEL		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	084	
002	PACS FLCLK B 1 . VGSEL		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	097	1P
021	PACS FLCLK B 1 . AD6		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	085	
003	PACS FLCLK B 1 . AD5		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	098	
022	PACS FLCLK B 1 . AD4		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	086	1P
004	PACS FLCLK B 1 . AD3		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	099	
023	PACS FLCLK B 1 . AD2		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	087	
005	PACS FLCLK B 1 . AD1		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	100	
024	PACS FLCLK B 1 . AD0		PX6.-	-	P605	111SS-38	1				CVVUCR	33	211121 J005	088	
CH	PACS FLCLK B 1 . SH605		PX6.-	-	P605	111SS-38	1			CS-P605	CVVUCR	33	211121 J005	072	1P 1P
-										1 NU wire con to CS-P605					1P
-															
006	PACS LLClk B 1 . VSMS		PX4.-	-	P604	031SS-38	2				CVVUCR	33	211121 J005	040	2C
025	PACS LLClk B 1 . CKRI		PX4.-	-	P604	031SS-38	2				CVVUCR	33	211121 J005	051	1P
007	PACS LLClk B 1 . VDECX		PX4.-	-	P604	031SS-38	2				CVVUCR	33	211121 J005	052	
CH	PACS LLClk B 1 . SH604		PX4.-	-	P604	031SS-38	2			CS-P604	CVVUCR	33	211121 J005	050	1P 1P
-															
026	PACS Fil Bias B 1 . VHB		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	068	1P 1P
008	PACS Fil Bias B 1 . VTRIL		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	079	1P 1P
027	PACS Fil Bias B 1 . GNDCL		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	056	1P 1P
009	PACS Fil Bias B 1 . VDPRO		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	067	1P 1P
028	PACS Fil Bias B 1 . VH		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	090	1P 1P
010	PACS Fil Bias B 1 . VL		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	078	1P 1P
029	PACS Fil Bias B 1 . VRL		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	101	1P 1P
011	PACS Fil Bias B 1 . VCH		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	089	1P 1P
030	PACS Fil Bias B 1 . VSS		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	055	1P 1P
012	PACS Fil Bias B 1 . VDL		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	044	1P 1P
031	PACS Fil Bias B 1 . VINJ		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	043	1P 1P
013	PACS Fil Bias B 1 . VGL		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	032	1P 1P
032	PACS Fil Bias B 1 . VDD		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	066	1P 1P
033	PACS Fil Bias B 1 . GNDBU		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	077	1P 1P
034	PACS Fil Bias B 1 . VPRBU		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	065	1P 1P

Pin Allocation List (Harness)

Connector: 131100 P052
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-05 (603-605)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
016	PACS Fil Bias B 1 . VGLBU		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	054	1P	1P
035	PACS Fil Bias B 1 . VGG		PX2.-	-	P603	X09SB---	3	603		191SS38	CVVUCR	33	211121 J005	042	1P	1P
CH	PACS Fil Bias B 1 . SH603		PX2.-	-	P603	X09SB---	3	603		CS-603	CVVUCR	33	211121 J005	064	1P	1P
-										2 NU wires con to CS-603						1P
014	PACS Fil Bias B 1 . VSSBU		PX2.-	-	P603	X09SB---	4	603b		021BS30	CVVUCR	33	211121 J005	041	1P	1P
015	PACS Fil Bias B 1 . VDLBU		PX2.-	-	P603	X09SB---	4	603b		021BS30	CVVUCR	33	211121 J005	053	1P	1P
CH	PACS Fil Bias B 1 . S603b		PX2.-	-	P603	X09SB---	4	603b		CS-603b	CVVUCR	33	211121 J005	030	1P	1P
017	NC															
036	NC															
018	NC															
037	NC															
019	NC															

Pin Allocation List

(Harness)

Connector: 211121 J005
CVVUCR

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603-605;603b)

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.											1P	1P
105	PACS S1-16 B 1. REF16		PX1.-	-	P601	TP8SS-38	1	601b	1		HPFFPU	70	131100 P050	022	1P	1P
115	PACS S1-16 B 1. S16		PX1.-	-	P601	TP8SS-38	1	601b	1		HPFFPU	70	131100 P050	004	1P	1P
106	PACS S1-16 B 1. REF15		PX1.-	-	P601	TP8SS-38	1	601b	2		HPFFPU	70	131100 P050	023	1P	1P
107	PACS S1-16 B 1. S15		PX1.-	-	P601	TP8SS-38	1	601b	2		HPFFPU	70	131100 P050	005	1P	1P
122	PACS S1-16 B 1. REF14		PX1.-	-	P601	TP8SS-38	1	601b	3		HPFFPU	70	131100 P050	024	1P	1P
123	PACS S1-16 B 1. S14		PX1.-	-	P601	TP8SS-38	1	601b	3		HPFFPU	70	131100 P050	006	1P	1P
116	PACS S1-16 B 1. REF13		PX1.-	-	P601	TP8SS-38	1	601b	4		HPFFPU	70	131100 P050	025	1P	1P
117	PACS S1-16 B 1. S13		PX1.-	-	P601	TP8SS-38	1	601b	4		HPFFPU	70	131100 P050	007	1P	1P
108	PACS S1-16 B 1. REF12		PX1.-	-	P601	TP8SS-38	1	601b	5		HPFFPU	70	131100 P050	026	1P	1P
109	PACS S1-16 B 1. S12		PX1.-	-	P601	TP8SS-38	1	601b	5		HPFFPU	70	131100 P050	008	1P	1P
124	PACS S1-16 B 1. REF11		PX1.-	-	P601	TP8SS-38	1	601b	6		HPFFPU	70	131100 P050	027	1P	1P
125	PACS S1-16 B 1. S11		PX1.-	-	P601	TP8SS-38	1	601b	6		HPFFPU	70	131100 P050	009	1P	1P
118	PACS S1-16 B 1. REF10		PX1.-	-	P601	TP8SS-38	1	601b	7		HPFFPU	70	131100 P050	028	1P	1P
110	PACS S1-16 B 1. S10		PX1.-	-	P601	TP8SS-38	1	601b	7		HPFFPU	70	131100 P050	010	1P	1P
119	PACS S1-16 B 1. REF09		PX1.-	-	P601	TP8SS-38	1	601b	8		HPFFPU	70	131100 P050	029	1P	1P
126	PACS S1-16 B 1. S09		PX1.-	-	P601	TP8SS-38	1	601b	8		HPFFPU	70	131100 P050	011	1P	1P
094	PACS S1-16 B 1. S601b		PX1.-	-	P601	TP8SS-38	1	601b		CS-601b	HPFFPU	70	131100 P050	CH	1P	1P
-																
127	PACS S1-16 B 1. REF08		PX1.-	-	P601	TP8SS-38	2	601c	9		HPFFPU	70	131100 P050	030	1P	1P
120	PACS S1-16 B 1. S08		PX1.-	-	P601	TP8SS-38	2	601c	9		HPFFPU	70	131100 P050	012	1P	1P
128	PACS S1-16 B 1. REF07		PX1.-	-	P601	TP8SS-38	2	601c	A		HPFFPU	70	131100 P050	031	1P	1P
121	PACS S1-16 B 1. S07		PX1.-	-	P601	TP8SS-38	2	601c	A		HPFFPU	70	131100 P050	013	1P	1P
112	PACS S1-16 B 1. REF06		PX1.-	-	P601	TP8SS-38	2	601c	B		HPFFPU	70	131100 P050	032	1P	1P
102	PACS S1-16 B 1. S06		PX1.-	-	P601	TP8SS-38	2	601c	B		HPFFPU	70	131100 P050	014	1P	1P
113	PACS S1-16 B 1. REF05		PX1.-	-	P601	TP8SS-38	2	601c	C		HPFFPU	70	131100 P050	033	1P	1P
103	PACS S1-16 B 1. S05		PX1.-	-	P601	TP8SS-38	2	601c	C		HPFFPU	70	131100 P050	015	1P	1P
091	PACS S1-16 B 1. REF04		PX1.-	-	P601	TP8SS-38	2	601c	D		HPFFPU	70	131100 P050	034	1P	1P
080	PACS S1-16 B 1. S04		PX1.-	-	P601	TP8SS-38	2	601c	D		HPFFPU	70	131100 P050	016	1P	1P
114	PACS S1-16 B 1. REF03		PX1.-	-	P601	TP8SS-38	2	601c	E		HPFFPU	70	131100 P050	035	1P	1P
104	PACS S1-16 B 1. S03		PX1.-	-	P601	TP8SS-38	2	601c	E		HPFFPU	70	131100 P050	017	1P	1P
092	PACS S1-16 B 1. REF02		PX1.-	-	P601	TP8SS-38	2	601c	F		HPFFPU	70	131100 P050	036	1P	1P
093	PACS S1-16 B 1. S02		PX1.-	-	P601	TP8SS-38	2	601c	F		HPFFPU	70	131100 P050	018	1P	1P
069	PACS S1-16 B 1. REF01		PX1.-	-	P601	TP8SS-38	2	601c	G		HPFFPU	70	131100 P050	037	1P	1P
081	PACS S1-16 B 1. S01		PX1.-	-	P601	TP8SS-38	2	601c	G		HPFFPU	70	131100 P050	019	1P	1P
111	PACS S1-16 B 1. S601c		PX1.-	-	P601	TP8SS-38	2	601c		CS-601c	HPFFPU	70	131100 P050	CH	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J005
CVVUCR

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603-605;603b)

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.											
-															
026	PACS S17-32 B 1 . REF32		PX1.-	-	P602	TP8SS-38	3	602b	H		HPFPU	70	131100 P051	022	1P 1P
015	PACS S17-32 B 1 . S32		PX1.-	-	P602	TP8SS-38	3	602b	H		HPFPU	70	131100 P051	004	1P 1P
016	PACS S17-32 B 1 . REF31		PX1.-	-	P602	TP8SS-38	3	602b	J		HPFPU	70	131100 P051	023	1P 1P
027	PACS S17-32 B 1 . S31		PX1.-	-	P602	TP8SS-38	3	602b	J		HPFPU	70	131100 P051	005	1P 1P
008	PACS S17-32 B 1 . REF30		PX1.-	-	P602	TP8SS-38	3	602b	K		HPFPU	70	131100 P051	024	1P 1P
001	PACS S17-32 B 1 . S30		PX1.-	-	P602	TP8SS-38	3	602b	K		HPFPU	70	131100 P051	006	1P 1P
028	PACS S17-32 B 1 . REF29		PX1.-	-	P602	TP8SS-38	3	602b	L		HPFPU	70	131100 P051	025	1P 1P
017	PACS S17-32 B 1 . S29		PX1.-	-	P602	TP8SS-38	3	602b	L		HPFPU	70	131100 P051	007	1P 1P
009	PACS S17-32 B 1 . REF28		PX1.-	-	P602	TP8SS-38	3	602b	M		HPFPU	70	131100 P051	026	1P 1P
002	PACS S17-32 B 1 . S28		PX1.-	-	P602	TP8SS-38	3	602b	M		HPFPU	70	131100 P051	008	1P 1P
018	PACS S17-32 B 1 . REF27		PX1.-	-	P602	TP8SS-38	3	602b	N		HPFPU	70	131100 P051	027	1P 1P
010	PACS S17-32 B 1 . S27		PX1.-	-	P602	TP8SS-38	3	602b	N		HPFPU	70	131100 P051	009	1P 1P
003	PACS S17-32 B 1 . REF26		PX1.-	-	P602	TP8SS-38	3	602b	P		HPFPU	70	131100 P051	028	1P 1P
004	PACS S17-32 B 1 . S26		PX1.-	-	P602	TP8SS-38	3	602b	P		HPFPU	70	131100 P051	010	1P 1P
011	PACS S17-32 B 1 . REF25		PX1.-	-	P602	TP8SS-38	3	602b	Q		HPFPU	70	131100 P051	029	1P 1P
019	PACS S17-32 B 1 . S25		PX1.-	-	P602	TP8SS-38	3	602b	Q		HPFPU	70	131100 P051	011	1P 1P
025	PACS S17-32 B 1 . S602b		PX1.-	-	P602	TP8SS-38	3	602b		CS-602b	HPFPU	70	131100 P051	CH	1P 1P
-															
006	PACS S17-32 B 1 . REF24		PX1.-	-	P602	TP8SS-38	4	602c	R		HPFPU	70	131100 P051	030	1P 1P
005	PACS S17-32 B 1 . S24		PX1.-	-	P602	TP8SS-38	4	602c	R		HPFPU	70	131100 P051	012	1P 1P
013	PACS S17-32 B 1 . REF23		PX1.-	-	P602	TP8SS-38	4	602c	S		HPFPU	70	131100 P051	031	1P 1P
007	PACS S17-32 B 1 . S23		PX1.-	-	P602	TP8SS-38	4	602c	S		HPFPU	70	131100 P051	013	1P 1P
014	PACS S17-32 B 1 . REF22		PX1.-	-	P602	TP8SS-38	4	602c	T		HPFPU	70	131100 P051	032	1P 1P
023	PACS S17-32 B 1 . S22		PX1.-	-	P602	TP8SS-38	4	602c	T		HPFPU	70	131100 P051	014	1P 1P
022	PACS S17-32 B 1 . REF21		PX1.-	-	P602	TP8SS-38	4	602c	U		HPFPU	70	131100 P051	033	1P 1P
033	PACS S17-32 B 1 . S21		PX1.-	-	P602	TP8SS-38	4	602c	U		HPFPU	70	131100 P051	015	1P 1P
034	PACS S17-32 B 1 . REF20		PX1.-	-	P602	TP8SS-38	4	602c	V		HPFPU	70	131100 P051	034	1P 1P
024	PACS S17-32 B 1 . S20		PX1.-	-	P602	TP8SS-38	4	602c	V		HPFPU	70	131100 P051	016	1P 1P
045	PACS S17-32 B 1 . REF19		PX1.-	-	P602	TP8SS-38	4	602c	W		HPFPU	70	131100 P051	035	1P 1P
046	PACS S17-32 B 1 . S19		PX1.-	-	P602	TP8SS-38	4	602c	W		HPFPU	70	131100 P051	017	1P 1P
035	PACS S17-32 B 1 . REF18		PX1.-	-	P602	TP8SS-38	4	602c	X		HPFPU	70	131100 P051	036	1P 1P
047	PACS S17-32 B 1 . S18		PX1.-	-	P602	TP8SS-38	4	602c	X		HPFPU	70	131100 P051	018	1P 1P
058	PACS S17-32 B 1 . REF17		PX1.-	-	P602	TP8SS-38	4	602c	Y		HPFPU	70	131100 P051	037	1P 1P
057	PACS S17-32 B 1 . S17		PX1.-	-	P602	TP8SS-38	4	602c	Y		HPFPU	70	131100 P051	019	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J005
CVVUCR

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603-605;603b)

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.											
012	PACS S17-32 B 1 . S602c		PX1.-	-	P602	TP8SS-38	4	602c		CS-602c	HPFFPU	70	131100 P051	CH	1P 1P
-															1P
096	PACS FLCLK B 1 . VGDEC		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	001	2C
084	PACS FLCLK B 1 . VSEL		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	020	
097	PACS FLCLK B 1 . VGSEL		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	002	1P
085	PACS FLCLK B 1 . AD6		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	021	
098	PACS FLCLK B 1 . AD5		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	003	
086	PACS FLCLK B 1 . AD4		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	022	1P
099	PACS FLCLK B 1 . AD3		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	004	
087	PACS FLCLK B 1 . AD2		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	023	
100	PACS FLCLK B 1 . AD1		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	005	
088	PACS FLCLK B 1 . AD0		PX6.-	-	P605	111SS-38	5				HPFFPU	70	131100 P052	024	
072	PACS FLCLK B 1 . SH605		PX6.-	-	P605	111SS-38	5			CS-P605	HPFFPU	70	131100 P052	CH	1P 1P
-										1 NU wire con to CS-P605					1P
-															
040	PACS LLClk B 1 . VSMS		PX4.-	-	P604	031SS-38	6				HPFFPU	70	131100 P052	006	2C
051	PACS LLClk B 1 . CKRI		PX4.-	-	P604	031SS-38	6				HPFFPU	70	131100 P052	025	1P
052	PACS LLClk B 1 . VDECX		PX4.-	-	P604	031SS-38	6				HPFFPU	70	131100 P052	007	
050	PACS LLClk B 1 . SH604		PX4.-	-	P604	031SS-38	6			CS-P604	HPFFPU	70	131100 P052	CH	1P 1P
-															
068	PACS Fil Bias B 1 . VHB		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	026	1P 1P
079	PACS Fil Bias B 1 . VTRIL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	008	1P 1P
056	PACS Fil Bias B 1 . GNDCL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	027	1P 1P
067	PACS Fil Bias B 1 . VDPRO		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	009	1P 1P
090	PACS Fil Bias B 1 . VH		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	028	1P 1P
078	PACS Fil Bias B 1 . VL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	010	1P 1P
101	PACS Fil Bias B 1 . VRL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	029	1P 1P
089	PACS Fil Bias B 1 . VCH		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	011	1P 1P
055	PACS Fil Bias B 1 . VSS		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	030	1P 1P
044	PACS Fil Bias B 1 . VDL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	012	1P 1P
043	PACS Fil Bias B 1 . VINJ		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	031	1P 1P
032	PACS Fil Bias B 1 . VGL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	013	1P 1P
066	PACS Fil Bias B 1 . VDD		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFFPU	70	131100 P052	032	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J005
 CVVUCR

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603-605;603b)

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.											
077	PACS Fil Bias B 1 . GNDBU		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFPU	70	131100 P052	033	1P 1P
065	PACS Fil Bias B 1 . VPRBU		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFPU	70	131100 P052	034	1P 1P
054	PACS Fil Bias B 1 . VGLBU		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFPU	70	131100 P052	016	1P 1P
042	PACS Fil Bias B 1 . VGG		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPFPU	70	131100 P052	035	1P 1P
064	PACS Fil Bias B 1 . SH603		PX2.-	-	P603	X09SB---	7	603		CS-603	HPFPU	70	131100 P052	CH	1P 1P
-										2 NU wires con to CS-P603					1P
-															
041	PACS Fil Bias B 1 . VSSBU		PX2.-	-	P603	X09SB---	4	603b		021BS-30	HPFPU	70	131100 P052	014	1P 1P
053	PACS Fil Bias B 1 . VDLBU		PX2.-	-	P603	X09SB---	4	603b		021BS-30	HPFPU	70	131100 P052	015	1P 1P
030	PACS Fil Bias B 1 . S603b		PX2.-	-	P603	X09SB---	4	603b		CS-603b	HPFPU	70	131100 P052	CH	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P053
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-06 (606b,c)

Conn.-Type: MWDM2L-37S-6C3-.630

Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S1-16 B 2 . REF16		PX1.-	-	P606	TP8SS-38	1	606b	1		CVVUCR	33	211121 J006	105	1P	1P
004	PACS S1-16 B 2 . S16		PX1.-	-	P606	TP8SS-38	1	606b	1		CVVUCR	33	211121 J006	115	1P	1P
023	PACS S1-16 B 2 . REF15		PX1.-	-	P606	TP8SS-38	1	606b	2		CVVUCR	33	211121 J006	106	1P	1P
005	PACS S1-16 B 2 . S15		PX1.-	-	P606	TP8SS-38	1	606b	2		CVVUCR	33	211121 J006	107	1P	1P
024	PACS S1-16 B 2 . REF14		PX1.-	-	P606	TP8SS-38	1	606b	3		CVVUCR	33	211121 J006	122	1P	1P
006	PACS S1-16 B 2 . S14		PX1.-	-	P606	TP8SS-38	1	606b	3		CVVUCR	33	211121 J006	123	1P	1P
025	PACS S1-16 B 2 . REF13		PX1.-	-	P606	TP8SS-38	1	606b	4		CVVUCR	33	211121 J006	116	1P	1P
007	PACS S1-16 B 2 . S13		PX1.-	-	P606	TP8SS-38	1	606b	4		CVVUCR	33	211121 J006	117	1P	1P
026	PACS S1-16 B 2 . REF12		PX1.-	-	P606	TP8SS-38	1	606b	5		CVVUCR	33	211121 J006	108	1P	1P
008	PACS S1-16 B 2 . S12		PX1.-	-	P606	TP8SS-38	1	606b	5		CVVUCR	33	211121 J006	109	1P	1P
027	PACS S1-16 B 2 . REF11		PX1.-	-	P606	TP8SS-38	1	606b	6		CVVUCR	33	211121 J006	124	1P	1P
009	PACS S1-16 B 2 . S11		PX1.-	-	P606	TP8SS-38	1	606b	6		CVVUCR	33	211121 J006	125	1P	1P
028	PACS S1-16 B 2 . REF10		PX1.-	-	P606	TP8SS-38	1	606b	7		CVVUCR	33	211121 J006	118	1P	1P
010	PACS S1-16 B 2 . S10		PX1.-	-	P606	TP8SS-38	1	606b	7		CVVUCR	33	211121 J006	110	1P	1P
029	PACS S1-16 B 2 . REF09		PX1.-	-	P606	TP8SS-38	1	606b	8		CVVUCR	33	211121 J006	119	1P	1P
011	PACS S1-16 B 2 . S09		PX1.-	-	P606	TP8SS-38	1	606b	8		CVVUCR	33	211121 J006	126	1P	1P
CH	PACS S1-16 B 2 . S606b		PX1.-	-	P606	TP8SS-38	1	606b		CS-606b	CVVUCR	33	211121 J006	094	1P	1P
-																
030	PACS S1-16 B 2 . REF08		PX1.-	-	P606	TP8SS-38	2	606c	9		CVVUCR	33	211121 J006	127	1P	1P
012	PACS S1-16 B 2 . S08		PX1.-	-	P606	TP8SS-38	2	606c	9		CVVUCR	33	211121 J006	120	1P	1P
031	PACS S1-16 B 2 . REF07		PX1.-	-	P606	TP8SS-38	2	606c	A		CVVUCR	33	211121 J006	128	1P	1P
013	PACS S1-16 B 2 . S07		PX1.-	-	P606	TP8SS-38	2	606c	A		CVVUCR	33	211121 J006	121	1P	1P
032	PACS S1-16 B 2 . REF06		PX1.-	-	P606	TP8SS-38	2	606c	B		CVVUCR	33	211121 J006	112	1P	1P
014	PACS S1-16 B 2 . S06		PX1.-	-	P606	TP8SS-38	2	606c	B		CVVUCR	33	211121 J006	102	1P	1P
033	PACS S1-16 B 2 . REF05		PX1.-	-	P606	TP8SS-38	2	606c	C		CVVUCR	33	211121 J006	113	1P	1P
015	PACS S1-16 B 2 . S05		PX1.-	-	P606	TP8SS-38	2	606c	C		CVVUCR	33	211121 J006	103	1P	1P
034	PACS S1-16 B 2 . REF04		PX1.-	-	P606	TP8SS-38	2	606c	D		CVVUCR	33	211121 J006	091	1P	1P
016	PACS S1-16 B 2 . S04		PX1.-	-	P606	TP8SS-38	2	606c	D		CVVUCR	33	211121 J006	080	1P	1P
035	PACS S1-16 B 2 . REF03		PX1.-	-	P606	TP8SS-38	2	606c	E		CVVUCR	33	211121 J006	114	1P	1P
017	PACS S1-16 B 2 . S03		PX1.-	-	P606	TP8SS-38	2	606c	E		CVVUCR	33	211121 J006	104	1P	1P
036	PACS S1-16 B 2 . REF02		PX1.-	-	P606	TP8SS-38	2	606c	F		CVVUCR	33	211121 J006	092	1P	1P
018	PACS S1-16 B 2 . S02		PX1.-	-	P606	TP8SS-38	2	606c	F		CVVUCR	33	211121 J006	093	1P	1P
037	PACS S1-16 B 2 . REF01		PX1.-	-	P606	TP8SS-38	2	606c	G		CVVUCR	33	211121 J006	069	1P	1P
019	PACS S1-16 B 2 . S01		PX1.-	-	P606	TP8SS-38	2	606c	G		CVVUCR	33	211121 J006	081	1P	1P
CH	PACS S1-16 B 2 . S606c		PX1.-	-	P606	TP8SS-38	2	606c		CS-606c	CVVUCR	33	211121 J006	111	1P	1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 72 (of 464)

Connector: 131100 P053
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-06 (606b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
020	NC														
002	NC														
021	NC														
003	NC														

Pin Allocation List

(Harness)

Connector: 131100 P054
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-06 (607b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S17-32 B 2 . REF32		PX1.-	-	P607	TP8SS-38	1	607b	1		CVVUCR	33	211121 J006	026	1P	1P
004	PACS S17-32 B 2 . S32		PX1.-	-	P607	TP8SS-38	1	607b	1		CVVUCR	33	211121 J006	015	1P	1P
023	PACS S17-32 B 2 . REF31		PX1.-	-	P607	TP8SS-38	1	607b	2		CVVUCR	33	211121 J006	016	1P	1P
005	PACS S17-32 B 2 . S31		PX1.-	-	P607	TP8SS-38	1	607b	2		CVVUCR	33	211121 J006	027	1P	1P
024	PACS S17-32 B 2 . REF30		PX1.-	-	P607	TP8SS-38	1	607b	3		CVVUCR	33	211121 J006	008	1P	1P
006	PACS S17-32 B 2 . S30		PX1.-	-	P607	TP8SS-38	1	607b	3		CVVUCR	33	211121 J006	001	1P	1P
025	PACS S17-32 B 2 . REF29		PX1.-	-	P607	TP8SS-38	1	607b	4		CVVUCR	33	211121 J006	028	1P	1P
007	PACS S17-32 B 2 . S29		PX1.-	-	P607	TP8SS-38	1	607b	4		CVVUCR	33	211121 J006	017	1P	1P
026	PACS S17-32 B 2 . REF28		PX1.-	-	P607	TP8SS-38	1	607b	5		CVVUCR	33	211121 J006	009	1P	1P
008	PACS S17-32 B 2 . S28		PX1.-	-	P607	TP8SS-38	1	607b	5		CVVUCR	33	211121 J006	002	1P	1P
027	PACS S17-32 B 2 . REF27		PX1.-	-	P607	TP8SS-38	1	607b	6		CVVUCR	33	211121 J006	018	1P	1P
009	PACS S17-32 B 2 . S27		PX1.-	-	P607	TP8SS-38	1	607b	6		CVVUCR	33	211121 J006	010	1P	1P
028	PACS S17-32 B 2 . REF26		PX1.-	-	P607	TP8SS-38	1	607b	7		CVVUCR	33	211121 J006	003	1P	1P
010	PACS S17-32 B 2 . S26		PX1.-	-	P607	TP8SS-38	1	607b	7		CVVUCR	33	211121 J006	004	1P	1P
029	PACS S17-32 B 2 . REF25		PX1.-	-	P607	TP8SS-38	1	607b	8		CVVUCR	33	211121 J006	011	1P	1P
011	PACS S17-32 B 2 . S25		PX1.-	-	P607	TP8SS-38	1	607b	8		CVVUCR	33	211121 J006	019	1P	1P
CH	PACS S17-32 B 2 . S607b		PX1.-	-	P607	TP8SS-38	1	607b		CS-607b	CVVUCR	33	211121 J006	025	1P	1P
-																
030	PACS S17-32 B 2 . REF24		PX1.-	-	P607	TP8SS-38	2	607c	9		CVVUCR	33	211121 J006	006	1P	1P
012	PACS S17-32 B 2 . S24		PX1.-	-	P607	TP8SS-38	2	607c	9		CVVUCR	33	211121 J006	005	1P	1P
031	PACS S17-32 B 2 . REF23		PX1.-	-	P607	TP8SS-38	2	607c	A		CVVUCR	33	211121 J006	013	1P	1P
013	PACS S17-32 B 2 . S23		PX1.-	-	P607	TP8SS-38	2	607c	A		CVVUCR	33	211121 J006	007	1P	1P
032	PACS S17-32 B 2 . REF22		PX1.-	-	P607	TP8SS-38	2	607c	B		CVVUCR	33	211121 J006	014	1P	1P
014	PACS S17-32 B 2 . S22		PX1.-	-	P607	TP8SS-38	2	607c	B		CVVUCR	33	211121 J006	023	1P	1P
033	PACS S17-32 B 2 . REF21		PX1.-	-	P607	TP8SS-38	2	607c	C		CVVUCR	33	211121 J006	022	1P	1P
015	PACS S17-32 B 2 . S21		PX1.-	-	P607	TP8SS-38	2	607c	C		CVVUCR	33	211121 J006	033	1P	1P
034	PACS S17-32 B 2 . REF20		PX1.-	-	P607	TP8SS-38	2	607c	D		CVVUCR	33	211121 J006	034	1P	1P
016	PACS S17-32 B 2 . S20		PX1.-	-	P607	TP8SS-38	2	607c	D		CVVUCR	33	211121 J006	024	1P	1P
035	PACS S17-32 B 2 . REF19		PX1.-	-	P607	TP8SS-38	2	607c	E		CVVUCR	33	211121 J006	045	1P	1P
017	PACS S17-32 B 2 . S19		PX1.-	-	P607	TP8SS-38	2	607c	E		CVVUCR	33	211121 J006	046	1P	1P
036	PACS S17-32 B 2 . REF18		PX1.-	-	P607	TP8SS-38	2	607c	F		CVVUCR	33	211121 J006	035	1P	1P
018	PACS S17-32 B 2 . S18		PX1.-	-	P607	TP8SS-38	2	607c	F		CVVUCR	33	211121 J006	047	1P	1P
037	PACS S17-32 B 2 . REF17		PX1.-	-	P607	TP8SS-38	2	607c	G		CVVUCR	33	211121 J006	058	1P	1P
019	PACS S17-32 B 2 . S17		PX1.-	-	P607	TP8SS-38	2	607c	G		CVVUCR	33	211121 J006	057	1P	1P
SHD	PACS S17-32 B 2 . S607c		PX1.-	-	P607	TP8SS-38	2	607c		CS-607c	CVVUCR	33	211121 J006	012	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 74 (of 464)

Connector: 131100 P054
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-06 (607b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
003	NC . -														
001	NC														
020	NC														
002	NC														
021	NC														

Pin Allocation List

(Harness)

Connector: 131100 P055
HPFPU

Function / Bundle: FPU to BOLC sih-xp-06 (608-610)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS FL CLK B 2 . VGDEC		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	096	1P 1P
020	PACS FL CLK B 2 . VSEL		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	084	1P
002	PACS FL CLK B 2 . VGSEL		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	097	1P
021	PACS FL CLK B 2 . AD6		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	085	1P
003	PACS FL CLK B 2 . AD5		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	098	1P
022	PACS FL CLK B 2 . AD4		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	086	1P
004	PACS FL CLK B 2 . AD3		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	099	1P
023	PACS FL CLK B 2 . AD2		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	087	1P
005	PACS FL CLK B 2 . AD1		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	100	1P
024	PACS FL CLK B 2 . AD0		PX6.-	-	P610	111SS-38	1				CVVUCR	33	211121 J006	088	1P
CH	PACS FL CLK B 2 . SH610		PX6.-	-	P610	111SS-38	1			CS-P610	CVVUCR	33	211121 J006	072	1P 1P
-										1 NU wire con to CS-P610					1P
-															
006	PACS Fil LL CLK B 2 . VSMS		PX4.-	-	P609	031SS-38	2				CVVUCR	33	211121 J006	040	1P 1P
025	PACS Fil LL CLK B 2 . CKRI		PX4.-	-	P609	031SS-38	2				CVVUCR	33	211121 J006	051	1P
007	PACS Fil LL CLK B 2 . VDECX		PX4.-	-	P609	031SS-38	2				CVVUCR	33	211121 J006	052	1P
CH	PACS Fil LL CLK B 2 . SH609		PX4.-	-	P609	031SS-38	2			CS-P609	CVVUCR	33	211121 J006	050	1P 1P
-															
026	PACS Fil Bias B 2 . VHB		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	068	1P 1P
008	PACS Fil Bias B 2 . VTRIL		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	079	1P 1P
027	PACS Fil Bias B 2 . GNDCL		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	056	1P 1P
009	PACS Fil Bias B 2 . VDPRO		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	067	1P 1P
028	PACS Fil Bias B 2 . VH		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	090	1P 1P
010	PACS Fil Bias B 2 . VL		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	078	1P 1P
029	PACS Fil Bias B 2 . VRL		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	101	1P 1P
011	PACS Fil Bias B 2 . VCH		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	089	1P 1P
030	PACS Fil Bias B 2 . VSS		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	055	1P 1P
012	PACS Fil Bias B 2 . VDL		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	044	1P 1P
031	PACS Fil Bias B 2 . VINJ		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	043	1P 1P
013	PACS Fil Bias B 2 . VGL		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	032	1P 1P
032	PACS Fil Bias B 2 . VDD		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	066	1P 1P
033	PACS Fil Bias B 2 . GNDBU		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	077	1P 1P
034	PACS Fil Bias B 2 . VPRBU		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	065	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P055
HPFPU

Function / Bundle: FPU to BOLC sih-xp-06 (608-610)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
016	PACS Fil Bias B 2 . VGLBU		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	054	1P 1P
035	PACS Fil Bias B 2 . VGG		PX2.-	-	P608	X09SB---	3	608		191SS38	CVVUCR	33	211121 J006	042	1P 1P
CH	PACS Fil Bias B 2 . SH608		PX2.-	-	P608	X09SB---	3	608		CS-608	CVVUCR	33	211121 J006	064	1P 1P
-										2 NU wires con to CS-608					1P
014	PACS Fil Bias B 2 . VSSBU		PX2.-	-	P608	X09SB---	4	608b		021BS30	CVVUCR	33	211121 J006	041	1P 1P
015	PACS Fil Bias B 2 . VDLBU		PX2.-	-	P608	X09SB---	4	608b		021BS30	CVVUCR	33	211121 J006	053	1P 1P
CH	PACS Fil Bias B 2 . S608b		PX2.-	-	P608	X09SB---	4	608b		CS-608b	CVVUCR	33	211121 J006	030	1P 1P
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														

Pin Allocation List

(Harness)

Connector: 211121 J006
CVVUCR

Function / Bundle: SIH-XP-06 (606b/c;607b/c;608/b;609;610)

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.											1P	1P
105	PACS S1-16 B 2 . REF16		PX1.-	-	P606	TP8SS-38	1	606b	1		HPFFPU	70	131100 P053	022	1P	1P
115	PACS S1-16 B 2 . S16		PX1.-	-	P606	TP8SS-38	1	606b	1		HPFFPU	70	131100 P053	004	1P	1P
106	PACS S1-16 B 2 . REF15		PX1.-	-	P606	TP8SS-38	1	606b	2		HPFFPU	70	131100 P053	023	1P	1P
107	PACS S1-16 B 2 . S15		PX1.-	-	P606	TP8SS-38	1	606b	2		HPFFPU	70	131100 P053	005	1P	1P
122	PACS S1-16 B 2 . REF14		PX1.-	-	P606	TP8SS-38	1	606b	3		HPFFPU	70	131100 P053	024	1P	1P
123	PACS S1-16 B 2 . S14		PX1.-	-	P606	TP8SS-38	1	606b	3		HPFFPU	70	131100 P053	006	1P	1P
116	PACS S1-16 B 2 . REF13		PX1.-	-	P606	TP8SS-38	1	606b	4		HPFFPU	70	131100 P053	025	1P	1P
117	PACS S1-16 B 2 . S13		PX1.-	-	P606	TP8SS-38	1	606b	4		HPFFPU	70	131100 P053	007	1P	1P
108	PACS S1-16 B 2 . REF12		PX1.-	-	P606	TP8SS-38	1	606b	5		HPFFPU	70	131100 P053	026	1P	1P
109	PACS S1-16 B 2 . S12		PX1.-	-	P606	TP8SS-38	1	606b	5		HPFFPU	70	131100 P053	008	1P	1P
124	PACS S1-16 B 2 . REF11		PX1.-	-	P606	TP8SS-38	1	606b	6		HPFFPU	70	131100 P053	027	1P	1P
125	PACS S1-16 B 2 . S11		PX1.-	-	P606	TP8SS-38	1	606b	6		HPFFPU	70	131100 P053	009	1P	1P
118	PACS S1-16 B 2 . REF10		PX1.-	-	P606	TP8SS-38	1	606b	7		HPFFPU	70	131100 P053	028	1P	1P
110	PACS S1-16 B 2 . S10		PX1.-	-	P606	TP8SS-38	1	606b	7		HPFFPU	70	131100 P053	010	1P	1P
119	PACS S1-16 B 2 . REF09		PX1.-	-	P606	TP8SS-38	1	606b	8		HPFFPU	70	131100 P053	029	1P	1P
126	PACS S1-16 B 2 . S09		PX1.-	-	P606	TP8SS-38	1	606b	8		HPFFPU	70	131100 P053	011	1P	1P
094	PACS S1-16 B 2 . S606b		PX1.-	-	P606	TP8SS-38	1	606b		CS-606b	HPFFPU	70	131100 P053	CH	1P	1P
-																
127	PACS S1-16 B 2 . REF08		PX1.-	-	P606	TP8SS-38	2	606c	9		HPFFPU	70	131100 P053	030	1P	1P
120	PACS S1-16 B 2 . S08		PX1.-	-	P606	TP8SS-38	2	606c	9		HPFFPU	70	131100 P053	012	1P	1P
128	PACS S1-16 B 2 . REF07		PX1.-	-	P606	TP8SS-38	2	606c	A		HPFFPU	70	131100 P053	031	1P	1P
121	PACS S1-16 B 2 . S07		PX1.-	-	P606	TP8SS-38	2	606c	A		HPFFPU	70	131100 P053	013	1P	1P
112	PACS S1-16 B 2 . REF06		PX1.-	-	P606	TP8SS-38	2	606c	B		HPFFPU	70	131100 P053	032	1P	1P
102	PACS S1-16 B 2 . S06		PX1.-	-	P606	TP8SS-38	2	606c	B		HPFFPU	70	131100 P053	014	1P	1P
113	PACS S1-16 B 2 . REF05		PX1.-	-	P606	TP8SS-38	2	606c	C		HPFFPU	70	131100 P053	033	1P	1P
103	PACS S1-16 B 2 . S05		PX1.-	-	P606	TP8SS-38	2	606c	C		HPFFPU	70	131100 P053	015	1P	1P
091	PACS S1-16 B 2 . REF04		PX1.-	-	P606	TP8SS-38	2	606c	D		HPFFPU	70	131100 P053	034	1P	1P
080	PACS S1-16 B 2 . S04		PX1.-	-	P606	TP8SS-38	2	606c	D		HPFFPU	70	131100 P053	016	1P	1P
114	PACS S1-16 B 2 . REF03		PX1.-	-	P606	TP8SS-38	2	606c	E		HPFFPU	70	131100 P053	035	1P	1P
104	PACS S1-16 B 2 . S03		PX1.-	-	P606	TP8SS-38	2	606c	E		HPFFPU	70	131100 P053	017	1P	1P
092	PACS S1-16 B 2 . REF02		PX1.-	-	P606	TP8SS-38	2	606c	F		HPFFPU	70	131100 P053	036	1P	1P
093	PACS S1-16 B 2 . S02		PX1.-	-	P606	TP8SS-38	2	606c	F		HPFFPU	70	131100 P053	018	1P	1P
069	PACS S1-16 B 2 . REF01		PX1.-	-	P606	TP8SS-38	2	606c	G		HPFFPU	70	131100 P053	037	1P	1P
081	PACS S1-16 B 2 . S01		PX1.-	-	P606	TP8SS-38	2	606c	G		HPFFPU	70	131100 P053	019	1P	1P
111	PACS S1-16 B 2 . S606c		PX1.-	-	P606	TP8SS-38	2	606c		CS-606c	HPFFPU	70	131100 P053	CH	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J006
CVVUCR

Function / Bundle: SIH-XP-06 (606b/c;607b/c;608/b;609;610)

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.											
-															
026	PACS S17-32 B 2 . REF32		PX1.-	-	P607	TP8SS-38	3	607b	H		HPFPU	70	131100 P054	022	1P 1P
015	PACS S17-32 B 2 . S32		PX1.-	-	P607	TP8SS-38	3	607b	H		HPFPU	70	131100 P054	004	1P 1P
016	PACS S17-32 B 2 . REF31		PX1.-	-	P607	TP8SS-38	3	607b	J		HPFPU	70	131100 P054	023	1P 1P
027	PACS S17-32 B 2 . S31		PX1.-	-	P607	TP8SS-38	3	607b	J		HPFPU	70	131100 P054	005	1P 1P
008	PACS S17-32 B 2 . REF30		PX1.-	-	P607	TP8SS-38	3	607b	K		HPFPU	70	131100 P054	024	1P 1P
001	PACS S17-32 B 2 . S30		PX1.-	-	P607	TP8SS-38	3	607b	K		HPFPU	70	131100 P054	006	1P 1P
028	PACS S17-32 B 2 . REF29		PX1.-	-	P607	TP8SS-38	3	607b	L		HPFPU	70	131100 P054	025	1P 1P
017	PACS S17-32 B 2 . S29		PX1.-	-	P607	TP8SS-38	3	607b	L		HPFPU	70	131100 P054	007	1P 1P
009	PACS S17-32 B 2 . REF28		PX1.-	-	P607	TP8SS-38	3	607b	M		HPFPU	70	131100 P054	026	1P 1P
002	PACS S17-32 B 2 . S28		PX1.-	-	P607	TP8SS-38	3	607b	M		HPFPU	70	131100 P054	008	1P 1P
018	PACS S17-32 B 2 . REF27		PX1.-	-	P607	TP8SS-38	3	607b	N		HPFPU	70	131100 P054	027	1P 1P
010	PACS S17-32 B 2 . S27		PX1.-	-	P607	TP8SS-38	3	607b	N		HPFPU	70	131100 P054	009	1P 1P
003	PACS S17-32 B 2 . REF26		PX1.-	-	P607	TP8SS-38	3	607b	P		HPFPU	70	131100 P054	028	1P 1P
004	PACS S17-32 B 2 . S26		PX1.-	-	P607	TP8SS-38	3	607b	P		HPFPU	70	131100 P054	010	1P 1P
011	PACS S17-32 B 2 . REF25		PX1.-	-	P607	TP8SS-38	3	607b	Q		HPFPU	70	131100 P054	029	1P 1P
019	PACS S17-32 B 2 . S25		PX1.-	-	P607	TP8SS-38	3	607b	Q		HPFPU	70	131100 P054	011	1P 1P
025	PACS S17-32 B 2 . S607b		PX1.-	-	P607	TP8SS-38	3	607b		CS-607b	HPFPU	70	131100 P054	CH	1P 1P
-															
006	PACS S17-32 B 2 . REF24		PX1.-	-	P607	TP8SS-38	4	607c	R		HPFPU	70	131100 P054	030	1P 1P
005	PACS S17-32 B 2 . S24		PX1.-	-	P607	TP8SS-38	4	607c	R		HPFPU	70	131100 P054	012	1P 1P
013	PACS S17-32 B 2 . REF23		PX1.-	-	P607	TP8SS-38	4	607c	S		HPFPU	70	131100 P054	031	1P 1P
007	PACS S17-32 B 2 . S23		PX1.-	-	P607	TP8SS-38	4	607c	S		HPFPU	70	131100 P054	013	1P 1P
014	PACS S17-32 B 2 . REF22		PX1.-	-	P607	TP8SS-38	4	607c	T		HPFPU	70	131100 P054	032	1P 1P
023	PACS S17-32 B 2 . S22		PX1.-	-	P607	TP8SS-38	4	607c	T		HPFPU	70	131100 P054	014	1P 1P
022	PACS S17-32 B 2 . REF21		PX1.-	-	P607	TP8SS-38	4	607c	U		HPFPU	70	131100 P054	033	1P 1P
033	PACS S17-32 B 2 . S21		PX1.-	-	P607	TP8SS-38	4	607c	U		HPFPU	70	131100 P054	015	1P 1P
034	PACS S17-32 B 2 . REF20		PX1.-	-	P607	TP8SS-38	4	607c	V		HPFPU	70	131100 P054	034	1P 1P
024	PACS S17-32 B 2 . S20		PX1.-	-	P607	TP8SS-38	4	607c	V		HPFPU	70	131100 P054	016	1P 1P
045	PACS S17-32 B 2 . REF19		PX1.-	-	P607	TP8SS-38	4	607c	W		HPFPU	70	131100 P054	035	1P 1P
046	PACS S17-32 B 2 . S19		PX1.-	-	P607	TP8SS-38	4	607c	W		HPFPU	70	131100 P054	017	1P 1P
035	PACS S17-32 B 2 . REF18		PX1.-	-	P607	TP8SS-38	4	607c	X		HPFPU	70	131100 P054	036	1P 1P
047	PACS S17-32 B 2 . S18		PX1.-	-	P607	TP8SS-38	4	607c	X		HPFPU	70	131100 P054	018	1P 1P
058	PACS S17-32 B 2 . REF17		PX1.-	-	P607	TP8SS-38	4	607c	Y		HPFPU	70	131100 P054	037	1P 1P
057	PACS S17-32 B 2 . S17		PX1.-	-	P607	TP8SS-38	4	607c	Y		HPFPU	70	131100 P054	019	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J006
CVVUCR

Function / Bundle: SIH-XP-06 (606b/c;607b/c;608/b;609;610)

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.											1P	1P
012	PACS S17-32 B 2 . S607c		PX1.-	-	P607	TP8SS-38	4	607c	CS-607c	HPFFPU	70	131100 P054	SHD	1P	1P	
-																
096	PACS FL CLK B 2 . VGDEC		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	001	1P	1P	
084	PACS FL CLK B 2 . VSEL		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	020	1P		
097	PACS FL CLK B 2 . VGSEL		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	002	1P		
085	PACS FL CLK B 2 . AD6		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	021	1P		
098	PACS FL CLK B 2 . AD5		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	003	1P		
086	PACS FL CLK B 2 . AD4		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	022	1P		
099	PACS FL CLK B 2 . AD3		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	004	1P		
087	PACS FL CLK B 2 . AD2		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	023	1P		
100	PACS FL CLK B 2 . AD1		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	005	1P		
088	PACS FL CLK B 2 . AD0		PX6.-	-	P610	111SS-38	5			HPFFPU	70	131100 P055	024	1P		
072	PACS FL CLK B 2 . SH610		PX6.-	-	P610	111SS-38	5		CS-P610	HPFFPU	70	131100 P055	CH	1P	1P	
-									1 NU wire con to CS-P610						1P	
-																
040	PACS Fil LL CLK B 2 . VSMS		PX4.-	-	P609	031SS-38	6			HPFFPU	70	131100 P055	006	1P	1P	
051	PACS Fil LL CLK B 2 . CKRI		PX4.-	-	P609	031SS-38	6			HPFFPU	70	131100 P055	025	1P		
052	PACS Fil LL CLK B 2 . VDECX		PX4.-	-	P609	031SS-38	6			HPFFPU	70	131100 P055	007	1P		
050	PACS Fil LL CLK B 2 . SH609		PX4.-	-	P609	031SS-38	6		CS-P609	HPFFPU	70	131100 P055	CH	1P	1P	
-																
068	PACS Fil Bias B 2 . VHB		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	026	1P	1P	
079	PACS Fil Bias B 2 . VTRIL		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	008	1P	1P	
056	PACS Fil Bias B 2 . GNDCL		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	027	1P	1P	
067	PACS Fil Bias B 2 . VDPRO		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	009	1P	1P	
090	PACS Fil Bias B 2 . VH		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	028	1P	1P	
078	PACS Fil Bias B 2 . VL		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	010	1P	1P	
101	PACS Fil Bias B 2 . VRL		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	029	1P	1P	
089	PACS Fil Bias B 2 . VCH		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	011	1P	1P	
055	PACS Fil Bias B 2 . VSS		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	030	1P	1P	
044	PACS Fil Bias B 2 . VDL		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	012	1P	1P	
043	PACS Fil Bias B 2 . VINJ		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	031	1P	1P	
032	PACS Fil Bias B 2 . VGL		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	013	1P	1P	
066	PACS Fil Bias B 2 . VDD		PX2.-	-	P608	X09SB---	7	608	191SS-38	HPFFPU	70	131100 P055	032	1P	1P	

Pin Allocation List

(Harness)

Connector: 211121 J006
 CVVUCR

Function / Bundle: SIH-XP-06 (606b/c;607b/c;608/b;609;610)

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.											
077	PACS Fil Bias B 2 . GNDBU		PX2.-	-	P608	X09SB---	7	608		191SS-38	HPFPU	70	131100 P055	033	1P 1P
065	PACS Fil Bias B 2 . VPRBU		PX2.-	-	P608	X09SB---	7	608		191SS-38	HPFPU	70	131100 P055	034	1P 1P
054	PACS Fil Bias B 2 . VGLBU		PX2.-	-	P608	X09SB---	7	608		191SS-38	HPFPU	70	131100 P055	016	1P 1P
042	PACS Fil Bias B 2 . VGG		PX2.-	-	P608	X09SB---	7	608		191SS-38	HPFPU	70	131100 P055	035	1P 1P
064	PACS Fil Bias B 2 . SH608		PX2.-	-	P608	X09SB---	7	608		CS-608	HPFPU	70	131100 P055	CH	1P 1P
-										2 NU wires con to CS-608					1P
041	PACS Fil Bias B 2 . VSSBU		PX2.-	-	P608	X09SB---	8	608b		021BS-30	HPFPU	70	131100 P055	014	1P 1P
053	PACS Fil Bias B 2 . VDLBU		PX2.-	-	P608	X09SB---	8	608b		021BS-30	HPFPU	70	131100 P055	015	1P 1P
030	PACS Fil Bias B 2 . S608b		PX2.-	-	P608	X09SB---	8	608b		CS-608b	HPFPU	70	131100 P055	CH	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P056
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-07 (611b,c)

Conn.-Type: MWDM2L-37S-6C3-.630

Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S01-16 B 3 . REF16		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	105	1P	1P	
004	PACS S01-16 B 3 . S16		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	115	1P	1P	
023	PACS S01-16 B 3 . REF15		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	106	1P	1P	
005	PACS S01-16 B 3 . S15		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	107	1P	1P	
024	PACS S01-16 B 3 . REF14		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	122	1P	1P	
006	PACS S01-16 B 3 . S14		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	123	1P	1P	
025	PACS S01-16 B 3 . REF13		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	116	1P	1P	
007	PACS S01-16 B 3 . S13		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	117	1P	1P	
026	PACS S01-16 B 3 . REF12		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	108	1P	1P	
008	PACS S01-16 B 3 . S12		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	109	1P	1P	
027	PACS S01-16 B 3 . REF11		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	124	1P	1P	
009	PACS S01-16 B 3 . S11		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	125	1P	1P	
028	PACS S01-16 B 3 . REF10		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	118	1P	1P	
010	PACS S01-16 B 3 . S10		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	110	1P	1P	
029	PACS S01-16 B 3 . REF09		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	119	1P	1P	
011	PACS S01-16 B 3 . S09		PX1.-	-	P611	TP8SS-38	1	611b		CVVUCR	33	211121 J010	126	1P	1P	
CH	PACS S01-16 B 3 . S611b		PX1.-	-	P611	TP8SS-38	1	611b	CS-611b	CVVUCR	33	211121 J010	094	1P	1P	
-																
030	PACS S01-16 B 3 . REF08		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	127	1P	1P	
012	PACS S01-16 B 3 . S08		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	120	1P	1P	
031	PACS S01-16 B 3 . REF07		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	128	1P	1P	
013	PACS S01-16 B 3 . S07		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	121	1P	1P	
032	PACS S01-16 B 3 . REF06		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	112	1P	1P	
014	PACS S01-16 B 3 . S06		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	102	1P	1P	
033	PACS S01-16 B 3 . REF05		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	113	1P	1P	
015	PACS S01-16 B 3 . S05		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	103	1P	1P	
034	PACS S01-16 B 3 . REF04		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	091	1P	1P	
016	PACS S01-16 B 3 . S04		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	080	1P	1P	
035	PACS S01-16 B 3 . REF03		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	114	1P	1P	
017	PACS S01-16 B 3 . S03		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	104	1P	1P	
036	PACS S01-16 B 3 . REF02		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	092	1P	1P	
018	PACS S01-16 B 3 . S02		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	093	1P	1P	
037	PACS S01-16 B 3 . REF01		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	069	1P	1P	
019	PACS S01-16 B 3 . S01		PX1.-	-	P611	TP8SS-38	2	611c		CVVUCR	33	211121 J010	081	1P	1P	
CH	PACS S01-16 B 3 . S611c		PX1.-	-	P611	TP8SS-38	2	611c	CS-611c	CVVUCR	33	211121 J010	111	1P	1P	

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 82 (of 464)

Connector: 131100 P056
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-07 (611b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
020	NC														
002	NC														
021	NC														
003	NC														

Pin Allocation List

(Harness)

Connector: 131100 P057
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-07 (612b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S17-32 B 3 . REF32		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	026	1P	1P
004	PACS S17-32 B 3 . S32		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	015	1P	1P
023	PACS S17-32 B 3 . REF31		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	016	1P	1P
005	PACS S17-32 B 3 . S31		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	027	1P	1P
024	PACS S17-32 B 3 . REF30		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	008	1P	1P
006	PACS S17-32 B 3 . S30		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	001	1P	1P
025	PACS S17-32 B 3 . REF29		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	028	1P	1P
007	PACS S17-32 B 3 . S29		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	017	1P	1P
026	PACS S17-32 B 3 . REF28		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	009	1P	1P
008	PACS S17-32 B 3 . S28		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	002	1P	1P
027	PACS S17-32 B 3 . REF27		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	018	1P	1P
009	PACS S17-32 B 3 . S27		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	010	1P	1P
028	PACS S17-32 B 3 . REF26		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	003	1P	1P
010	PACS S17-32 B 3 . S26		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	004	1P	1P
029	PACS S17-32 B 3 . REF25		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	011	1P	1P
011	PACS S17-32 B 3 . S25		PX1.-	-	P612	TP8SS-38	1	612b			CVVUCR	33	211121 J010	019	1P	1P
CH	PACS S17-32 B 3 . S612b		PX1.-	-	P612	TP8SS-38	1	612b		CS-612b	CVVUCR	33	211121 J010	025	1P	1P
-																
030	PACS S17-32 B 3 . REF24		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	006	1P	1P
012	PACS S17-32 B 3 . S24		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	005	1P	1P
031	PACS S17-32 B 3 . REF23		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	013	1P	1P
013	PACS S17-32 B 3 . S23		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	007	1P	1P
032	PACS S17-32 B 3 . REF22		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	014	1P	1P
014	PACS S17-32 B 3 . S22		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	023	1P	1P
033	PACS S17-32 B 3 . REF21		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	022	1P	1P
015	PACS S17-32 B 3 . S21		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	033	1P	1P
034	PACS S17-32 B 3 . REF20		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	034	1P	1P
016	PACS S17-32 B 3 . S20		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	024	1P	1P
035	PACS S17-32 B 3 . REF19		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	045	1P	1P
017	PACS S17-32 B 3 . S19		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	046	1P	1P
036	PACS S17-32 B 3 . REF18		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	035	1P	1P
018	PACS S17-32 B 3 . S18		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	047	1P	1P
037	PACS S17-32 B 3 . REF17		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	058	1P	1P
019	PACS S17-32 B 3 . S17		PX1.-	-	P612	TP8SS-38	2	612c			CVVUCR	33	211121 J010	057	1P	1P
CH	PACS S17-32 B 3 . S612c		PX1.-	-	P612	TP8SS-38	2	612c		CS-612c	CVVUCR	33	211121 J010	012	1P	1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 84 (of 464)

Connector: 131100 P057
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-07 (612b,c)

Conn.-Type: MWDM2L-37S-6C3-.630

Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
020	NC														
002	NC														
021	NC														
003	NC														

Pin Allocation List

(Harness)

Connector: 131100 P058
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-07 (613-615)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FL Clock B 3 . VGDEC		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	096	1P	1P
020	PACS FL Clock B 3 . VSEL		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	084		1P
002	PACS FL Clock B 3 . VGSEL		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	097		1P
021	PACS FL Clock B 3 . AD6		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	085		1P
003	PACS FL Clock B 3 . AD5		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	098		1P
022	PACS FL Clock B 3 . AD4		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	086		1P
004	PACS FL Clock B 3 . AD3		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	099		1P
023	PACS FL Clock B 3 . AD2		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	087		1P
005	PACS FL Clock B 3 . AD1		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	100		1P
024	PACS FL Clock B 3 . AD0		PX6.-	-	P615	111SS-38	1				CVVUCR	33	211121 J010	088		1P
CH	PACS FL Clock B 3 . SH615		PX6.-	-	P615	111SS-38	1			CS-P615	CVVUCR	33	211121 J010	072	1P	1P
-										1 NU wire con to CS-P615						1P
-																
006	PACS Fil LL CLK B 3 . VSM5		PX4.-	-	P614	031SS-38	2				CVVUCR	33	211121 J010	040	1P	1P
025	PACS Fil LL CLK B 3 . CKRI		PX4.-	-	P614	031SS-38	2				CVVUCR	33	211121 J010	051	1P	1P
007	PACS Fil LL CLK B 3 . VDECX		PX4.-	-	P614	031SS-38	2				CVVUCR	33	211121 J010	052		1P
CH	PACS Fil LL CLK B 3 . SH614		PX4.-	-	P614	031SS-38	2			CS-P614	CVVUCR	33	211121 J010	050	1P	1P
-																
026	PACS Fil Bias B 3 . VHB		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	068	1P	1P
008	PACS Fil Bias B 3 . VTRIL		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	079	1P	1P
027	PACS Fil Bias B 3 . GNDCL		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	056	1P	1P
009	PACS Fil Bias B 3 . VDPRO		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	067	1P	1P
028	PACS Fil Bias B 3 . VH		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	090	1P	1P
010	PACS Fil Bias B 3 . VL		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	078	1P	1P
029	PACS Fil Bias B 3 . VRL		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	101	1P	1P
011	PACS Fil Bias B 3 . VCH		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	089	1P	1P
030	PACS Fil Bias B 3 . VSS		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	055	1P	1P
012	PACS Fil Bias B 3 . VDL		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	044	1P	1P
031	PACS Fil Bias B 3 . VINJ		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	043	1P	1P
013	PACS Fil Bias B 3 . VGL		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	032	1P	1P
032	PACS Fil Bias B 3 . VDD		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	066	1P	1P
033	PACS Fil Bias B 3 . GNDBU		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	077	1P	1P
034	PACS Fil Bias B 3 . VPRBU		PX2.-	-	P613	X09SB---	3	613	191SS38		CVVUCR	33	211121 J010	065	1P	1P

Pin Allocation List

(Harness)

Connector: 131100 P058
 HPFPU

Function / Bundle: FPU to BOLC SIH-XP-07 (613-615)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
016	PACS Fil Bias B 3 . VGLBU		PX2.-	-	P613	X09SB---	3	613		191SS38	CVVUCR	33	211121 J010	054	1P	1P
035	PACS Fil Bias B 3 . VGG		PX2.-	-	P613	X09SB---	3	613		191SS38	CVVUCR	33	211121 J010	042	1P	1P
CH	PACS Fil Bias B 3 . SH613		PX2.-	-	P613	X09SB---	3	613		CS-613	CVVUCR	33	211121 J010	064	1P	1P
-										2 NU wire con to CS-613						1P
014	PACS Fil Bias B 3 . VSSBU		PX2.-	-	P613	X09SB---	4	613b		021BS30	CVVUCR	33	211121 J010	041	1P	1P
015	PACS Fil Bias B 3 . VDLBU		PX2.-	-	P613	X09SB---	4	613b		021BS30	CVVUCR	33	211121 J010	053	1P	1P
CH	PACS Fil Bias B 3 . S613b		PX2.-	-	P613	X09SB---	4	613b		CS-613b	CVVUCR	33	211121 J010	030	1P	1P
017	NC															
036	NC															
018	NC															
037	NC															
019	NC															

Pin Allocation List

(Harness)

Connector: 211121 J010
CVVUCR

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614;615)

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.											1P	1P
105	PACS S01-16 B 3 . REF16		PX1.-	-	P611	TP8SS-38	1	611b	1		HPFFPU	70	131100 P056	022	1P	1P
115	PACS S01-16 B 3 . S16		PX1.-	-	P611	TP8SS-38	1	611b	1		HPFFPU	70	131100 P056	004	1P	1P
106	PACS S01-16 B 3 . REF15		PX1.-	-	P611	TP8SS-38	1	611b	2		HPFFPU	70	131100 P056	023	1P	1P
107	PACS S01-16 B 3 . S15		PX1.-	-	P611	TP8SS-38	1	611b	2		HPFFPU	70	131100 P056	005	1P	1P
122	PACS S01-16 B 3 . REF14		PX1.-	-	P611	TP8SS-38	1	611b	3		HPFFPU	70	131100 P056	024	1P	1P
123	PACS S01-16 B 3 . S14		PX1.-	-	P611	TP8SS-38	1	611b	3		HPFFPU	70	131100 P056	006	1P	1P
116	PACS S01-16 B 3 . REF13		PX1.-	-	P611	TP8SS-38	1	611b	4		HPFFPU	70	131100 P056	025	1P	1P
117	PACS S01-16 B 3 . S13		PX1.-	-	P611	TP8SS-38	1	611b	4		HPFFPU	70	131100 P056	007	1P	1P
108	PACS S01-16 B 3 . REF12		PX1.-	-	P611	TP8SS-38	1	611b	5		HPFFPU	70	131100 P056	026	1P	1P
109	PACS S01-16 B 3 . S12		PX1.-	-	P611	TP8SS-38	1	611b	5		HPFFPU	70	131100 P056	008	1P	1P
124	PACS S01-16 B 3 . REF11		PX1.-	-	P611	TP8SS-38	1	611b	6		HPFFPU	70	131100 P056	027	1P	1P
125	PACS S01-16 B 3 . S11		PX1.-	-	P611	TP8SS-38	1	611b	6		HPFFPU	70	131100 P056	009	1P	1P
118	PACS S01-16 B 3 . REF10		PX1.-	-	P611	TP8SS-38	1	611b	7		HPFFPU	70	131100 P056	028	1P	1P
110	PACS S01-16 B 3 . S10		PX1.-	-	P611	TP8SS-38	1	611b	7		HPFFPU	70	131100 P056	010	1P	1P
119	PACS S01-16 B 3 . REF09		PX1.-	-	P611	TP8SS-38	1	611b	8		HPFFPU	70	131100 P056	029	1P	1P
126	PACS S01-16 B 3 . S09		PX1.-	-	P611	TP8SS-38	1	611b	8		HPFFPU	70	131100 P056	011	1P	1P
094	PACS S01-16 B 3 . S611b		PX1.-	-	P611	TP8SS-38	1	611b		CS-611b	HPFFPU	70	131100 P056	CH	1P	1P
-																
127	PACS S01-16 B 3 . REF08		PX1.-	-	P611	TP8SS-38	2	611c	9		HPFFPU	70	131100 P056	030	1P	1P
120	PACS S01-16 B 3 . S08		PX1.-	-	P611	TP8SS-38	2	611c	9		HPFFPU	70	131100 P056	012	1P	1P
128	PACS S01-16 B 3 . REF07		PX1.-	-	P611	TP8SS-38	2	611c	A		HPFFPU	70	131100 P056	031	1P	1P
121	PACS S01-16 B 3 . S07		PX1.-	-	P611	TP8SS-38	2	611c	A		HPFFPU	70	131100 P056	013	1P	1P
112	PACS S01-16 B 3 . REF06		PX1.-	-	P611	TP8SS-38	2	611c	B		HPFFPU	70	131100 P056	032	1P	1P
102	PACS S01-16 B 3 . S06		PX1.-	-	P611	TP8SS-38	2	611c	B		HPFFPU	70	131100 P056	014	1P	1P
113	PACS S01-16 B 3 . REF05		PX1.-	-	P611	TP8SS-38	2	611c	C		HPFFPU	70	131100 P056	033	1P	1P
103	PACS S01-16 B 3 . S05		PX1.-	-	P611	TP8SS-38	2	611c	C		HPFFPU	70	131100 P056	015	1P	1P
091	PACS S01-16 B 3 . REF04		PX1.-	-	P611	TP8SS-38	2	611c	D		HPFFPU	70	131100 P056	034	1P	1P
080	PACS S01-16 B 3 . S04		PX1.-	-	P611	TP8SS-38	2	611c	D		HPFFPU	70	131100 P056	016	1P	1P
114	PACS S01-16 B 3 . REF03		PX1.-	-	P611	TP8SS-38	2	611c	E		HPFFPU	70	131100 P056	035	1P	1P
104	PACS S01-16 B 3 . S03		PX1.-	-	P611	TP8SS-38	2	611c	E		HPFFPU	70	131100 P056	017	1P	1P
092	PACS S01-16 B 3 . REF02		PX1.-	-	P611	TP8SS-38	2	611c	F		HPFFPU	70	131100 P056	036	1P	1P
093	PACS S01-16 B 3 . S02		PX1.-	-	P611	TP8SS-38	2	611c	F		HPFFPU	70	131100 P056	018	1P	1P
069	PACS S01-16 B 3 . REF01		PX1.-	-	P611	TP8SS-38	2	611c	G		HPFFPU	70	131100 P056	037	1P	1P
081	PACS S01-16 B 3 . S01		PX1.-	-	P611	TP8SS-38	2	611c	G		HPFFPU	70	131100 P056	019	1P	1P
111	PACS S01-16 B 3 . S611c		PX1.-	-	P611	TP8SS-38	2	611c		CS-611c	HPFFPU	70	131100 P056	CH	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J010
 CVVUCR

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614;615)

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.											
-															
026	PACS S17-32 B 3 . REF32		PX1.-	-	P612	TP8SS-38	3	612b	H		HPFPU	70	131100 P057	022	1P 1P
015	PACS S17-32 B 3 . S32		PX1.-	-	P612	TP8SS-38	3	612b	H		HPFPU	70	131100 P057	004	1P 1P
016	PACS S17-32 B 3 . REF31		PX1.-	-	P612	TP8SS-38	3	612b	J		HPFPU	70	131100 P057	023	1P 1P
027	PACS S17-32 B 3 . S31		PX1.-	-	P612	TP8SS-38	3	612b	J		HPFPU	70	131100 P057	005	1P 1P
008	PACS S17-32 B 3 . REF30		PX1.-	-	P612	TP8SS-38	3	612b	K		HPFPU	70	131100 P057	024	1P 1P
001	PACS S17-32 B 3 . S30		PX1.-	-	P612	TP8SS-38	3	612b	K		HPFPU	70	131100 P057	006	1P 1P
028	PACS S17-32 B 3 . REF29		PX1.-	-	P612	TP8SS-38	3	612b	L		HPFPU	70	131100 P057	025	1P 1P
017	PACS S17-32 B 3 . S29		PX1.-	-	P612	TP8SS-38	3	612b	L		HPFPU	70	131100 P057	007	1P 1P
009	PACS S17-32 B 3 . REF28		PX1.-	-	P612	TP8SS-38	3	612b	M		HPFPU	70	131100 P057	026	1P 1P
002	PACS S17-32 B 3 . S28		PX1.-	-	P612	TP8SS-38	3	612b	M		HPFPU	70	131100 P057	008	1P 1P
018	PACS S17-32 B 3 . REF27		PX1.-	-	P612	TP8SS-38	3	612b	N		HPFPU	70	131100 P057	027	1P 1P
010	PACS S17-32 B 3 . S27		PX1.-	-	P612	TP8SS-38	3	612b	N		HPFPU	70	131100 P057	009	1P 1P
003	PACS S17-32 B 3 . REF26		PX1.-	-	P612	TP8SS-38	3	612b	P		HPFPU	70	131100 P057	028	1P 1P
004	PACS S17-32 B 3 . S26		PX1.-	-	P612	TP8SS-38	3	612b	P		HPFPU	70	131100 P057	010	1P 1P
011	PACS S17-32 B 3 . REF25		PX1.-	-	P612	TP8SS-38	3	612b	Q		HPFPU	70	131100 P057	029	1P 1P
019	PACS S17-32 B 3 . S25		PX1.-	-	P612	TP8SS-38	3	612b	Q		HPFPU	70	131100 P057	011	1P 1P
025	PACS S17-32 B 3 . S612b		PX1.-	-	P612	TP8SS-38	3	612b		CS-612b	HPFPU	70	131100 P057	CH	1P 1P
-															
006	PACS S17-32 B 3 . REF24		PX1.-	-	P612	TP8SS-38	4	612c	R		HPFPU	70	131100 P057	030	1P 1P
005	PACS S17-32 B 3 . S24		PX1.-	-	P612	TP8SS-38	4	612c	R		HPFPU	70	131100 P057	012	1P 1P
013	PACS S17-32 B 3 . REF23		PX1.-	-	P612	TP8SS-38	4	612c	S		HPFPU	70	131100 P057	031	1P 1P
007	PACS S17-32 B 3 . S23		PX1.-	-	P612	TP8SS-38	4	612c	S		HPFPU	70	131100 P057	013	1P 1P
014	PACS S17-32 B 3 . REF22		PX1.-	-	P612	TP8SS-38	4	612c	T		HPFPU	70	131100 P057	032	1P 1P
023	PACS S17-32 B 3 . S22		PX1.-	-	P612	TP8SS-38	4	612c	T		HPFPU	70	131100 P057	014	1P 1P
022	PACS S17-32 B 3 . REF21		PX1.-	-	P612	TP8SS-38	4	612c	U		HPFPU	70	131100 P057	033	1P 1P
033	PACS S17-32 B 3 . S21		PX1.-	-	P612	TP8SS-38	4	612c	U		HPFPU	70	131100 P057	015	1P 1P
034	PACS S17-32 B 3 . REF20		PX1.-	-	P612	TP8SS-38	4	612c	V		HPFPU	70	131100 P057	034	1P 1P
024	PACS S17-32 B 3 . S20		PX1.-	-	P612	TP8SS-38	4	612c	V		HPFPU	70	131100 P057	016	1P 1P
045	PACS S17-32 B 3 . REF19		PX1.-	-	P612	TP8SS-38	4	612c	W		HPFPU	70	131100 P057	035	1P 1P
046	PACS S17-32 B 3 . S19		PX1.-	-	P612	TP8SS-38	4	612c	W		HPFPU	70	131100 P057	017	1P 1P
035	PACS S17-32 B 3 . REF18		PX1.-	-	P612	TP8SS-38	4	612c	X		HPFPU	70	131100 P057	036	1P 1P
047	PACS S17-32 B 3 . S18		PX1.-	-	P612	TP8SS-38	4	612c	X		HPFPU	70	131100 P057	018	1P 1P
058	PACS S17-32 B 3 . REF17		PX1.-	-	P612	TP8SS-38	4	612c	Y		HPFPU	70	131100 P057	037	1P 1P
057	PACS S17-32 B 3 . S17		PX1.-	-	P612	TP8SS-38	4	612c	Y		HPFPU	70	131100 P057	019	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J010
CVVUCR

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614;615)

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.											1P	1P
012	PACS S17-32 B 3 . S612c		PX1.-	-	P612	TP8SS-38	4	612c	CS-612c	HPFFPU	70	131100 P057	CH	1P	1P	
-																
096	PACS FL Clock B 3 . VGDEC		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	001	1P	1P	
084	PACS FL Clock B 3 . VSEL		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	020	1P		
097	PACS FL Clock B 3 . VGSEL		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	002	1P		
085	PACS FL Clock B 3 . AD6		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	021	1P		
098	PACS FL Clock B 3 . AD5		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	003	1P		
086	PACS FL Clock B 3 . AD4		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	022	1P		
099	PACS FL Clock B 3 . AD3		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	004	1P		
087	PACS FL Clock B 3 . AD2		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	023	1P		
100	PACS FL Clock B 3 . AD1		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	005	1P		
088	PACS FL Clock B 3 . AD0		PX6.-	-	P615	111SS-38	5			HPFFPU	70	131100 P058	024	1P		
072	PACS FL Clock B 3 . SH615		PX6.-	-	P615	111SS-38	5		CS-P615	HPFFPU	70	131100 P058	CH	1P	1P	
-									1 NU wire con to CS-P615						1P	
-																
040	PACS Fil LL CLK B 3 . VSMS		PX4.-	-	P614	031SS-38	6			HPFFPU	70	131100 P058	006	1P	1P	
051	PACS Fil LL CLK B 3 . CKRI		PX4.-	-	P614	031SS-38	6			HPFFPU	70	131100 P058	025	1P	1P	
052	PACS Fil LL CLK B 3 . VDECX		PX4.-	-	P614	031SS-38	6			HPFFPU	70	131100 P058	007	1P		
050	PACS Fil LL CLK B 3 . SH614		PX4.-	-	P614	031SS-38	6		CS-P614	HPFFPU	70	131100 P058	CH	1P	1P	
-																
068	PACS Fil Bias B 3 . VHB		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	026	1P	1P	
079	PACS Fil Bias B 3 . VTRIL		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	008	1P	1P	
056	PACS Fil Bias B 3 . GNDCL		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	027	1P	1P	
067	PACS Fil Bias B 3 . VDPRO		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	009	1P	1P	
090	PACS Fil Bias B 3 . VH		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	028	1P	1P	
078	PACS Fil Bias B 3 . VL		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	010	1P	1P	
101	PACS Fil Bias B 3 . VRL		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	029	1P	1P	
089	PACS Fil Bias B 3 . VCH		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	011	1P	1P	
055	PACS Fil Bias B 3 . VSS		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	030	1P	1P	
044	PACS Fil Bias B 3 . VDL		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	012	1P	1P	
043	PACS Fil Bias B 3 . VINJ		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	031	1P	1P	
032	PACS Fil Bias B 3 . VGL		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	013	1P	1P	
066	PACS Fil Bias B 3 . VDD		PX2.-	-	P613	X09SB---	7	613	191SS-38	HPFFPU	70	131100 P058	032	1P	1P	

Pin Allocation List

(Harness)

Connector: 211121 J010
 CVVUCR

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614;615)

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.											
077	PACS Fil Bias B 3 . GNDBU		PX2.-	-	P613	X09SB---	7	613		191SS-38	HPFPU	70	131100 P058	033	1P 1P
065	PACS Fil Bias B 3 . VPRBU		PX2.-	-	P613	X09SB---	7	613		191SS-38	HPFPU	70	131100 P058	034	1P 1P
054	PACS Fil Bias B 3 . VGLBU		PX2.-	-	P613	X09SB---	7	613		191SS-38	HPFPU	70	131100 P058	016	1P 1P
042	PACS Fil Bias B 3 . VGG		PX2.-	-	P613	X09SB---	7	613		191SS-38	HPFPU	70	131100 P058	035	1P 1P
064	PACS Fil Bias B 3 . SH613		PX2.-	-	P613	X09SB---	7	613		CS-613	HPFPU	70	131100 P058	CH	1P 1P
-										2 NU wires con to CS-P613					1P
-															
041	PACS Fil Bias B 3 . VSSBU		PX2.-	-	P613	X09SB---	8	613b		021BS-30	HPFPU	70	131100 P058	014	1P 1P
053	PACS Fil Bias B 3 . VDLBU		PX2.-	-	P613	X09SB---	8	613b		021BS-30	HPFPU	70	131100 P058	015	1P 1P
030	PACS Fil Bias B 3 . S613b		PX2.-	-	P613	X09SB---	8	613b		CS-613b	HPFPU	70	131100 P058	CH	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P059
HPFPU

Function / Bundle: FPU to BOLCSIH-XP-08 (616b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S01-16 B 4 . REF16		PX1.-	-	P616	TP8SS-38	1	616b	1		CVVUCR	33	211121 J011	105	1P	1P
004	PACS S01-16 B 4 . S16		PX1.-	-	P616	TP8SS-38	1	616b	1		CVVUCR	33	211121 J011	115	1P	1P
023	PACS S01-16 B 4 . REF15		PX1.-	-	P616	TP8SS-38	1	616b	2		CVVUCR	33	211121 J011	106	1P	1P
005	PACS S01-16 B 4 . S15		PX1.-	-	P616	TP8SS-38	1	616b	2		CVVUCR	33	211121 J011	107	1P	1P
024	PACS S01-16 B 4 . REF14		PX1.-	-	P616	TP8SS-38	1	616b	3		CVVUCR	33	211121 J011	122	1P	1P
006	PACS S01-16 B 4 . S14		PX1.-	-	P616	TP8SS-38	1	616b	3		CVVUCR	33	211121 J011	123	1P	1P
025	PACS S01-16 B 4 . REF13		PX1.-	-	P616	TP8SS-38	1	616b	4		CVVUCR	33	211121 J011	116	1P	1P
007	PACS S01-16 B 4 . S13		PX1.-	-	P616	TP8SS-38	1	616b	4		CVVUCR	33	211121 J011	117	1P	1P
026	PACS S01-16 B 4 . REF12		PX1.-	-	P616	TP8SS-38	1	616b	5		CVVUCR	33	211121 J011	108	1P	1P
008	PACS S01-16 B 4 . S12		PX1.-	-	P616	TP8SS-38	1	616b	5		CVVUCR	33	211121 J011	109	1P	1P
027	PACS S01-16 B 4 . REF11		PX1.-	-	P616	TP8SS-38	1	616b	6		CVVUCR	33	211121 J011	124	1P	1P
009	PACS S01-16 B 4 . S11		PX1.-	-	P616	TP8SS-38	1	616b	6		CVVUCR	33	211121 J011	125	1P	1P
028	PACS S01-16 B 4 . REF10		PX1.-	-	P616	TP8SS-38	1	616b	7		CVVUCR	33	211121 J011	118	1P	1P
010	PACS S01-16 B 4 . S10		PX1.-	-	P616	TP8SS-38	1	616b	7		CVVUCR	33	211121 J011	110	1P	1P
029	PACS S01-16 B 4 . REF09		PX1.-	-	P616	TP8SS-38	1	616b	8		CVVUCR	33	211121 J011	119	1P	1P
011	PACS S01-16 B 4 . S09		PX1.-	-	P616	TP8SS-38	1	616b	8		CVVUCR	33	211121 J011	126	1P	1P
CH	PACS S01-16 B 4 . S616b		PX1.-	-	P616	TP8SS-38	1	616b		CS-616b	CVVUCR	33	211121 J011	094	1P	1P
-																
030	PACS S01-16 B 4 . REF08		PX1.-	-	P616	TP8SS-38	2	616c	9		CVVUCR	33	211121 J011	127	1P	1P
012	PACS S01-16 B 4 . S08		PX1.-	-	P616	TP8SS-38	2	616c	9		CVVUCR	33	211121 J011	120	1P	1P
031	PACS S01-16 B 4 . REF07		PX1.-	-	P616	TP8SS-38	2	616c	A		CVVUCR	33	211121 J011	128	1P	1P
013	PACS S01-16 B 4 . S07		PX1.-	-	P616	TP8SS-38	2	616c	A		CVVUCR	33	211121 J011	121	1P	1P
032	PACS S01-16 B 4 . REF06		PX1.-	-	P616	TP8SS-38	2	616c	B		CVVUCR	33	211121 J011	112	1P	1P
014	PACS S01-16 B 4 . S06		PX1.-	-	P616	TP8SS-38	2	616c	B		CVVUCR	33	211121 J011	102	1P	1P
033	PACS S01-16 B 4 . REF05		PX1.-	-	P616	TP8SS-38	2	616c	C		CVVUCR	33	211121 J011	113	1P	1P
015	PACS S01-16 B 4 . S05		PX1.-	-	P616	TP8SS-38	2	616c	C		CVVUCR	33	211121 J011	103	1P	1P
034	PACS S01-16 B 4 . REF04		PX1.-	-	P616	TP8SS-38	2	616c	D		CVVUCR	33	211121 J011	091	1P	1P
016	PACS S01-16 B 4 . S04		PX1.-	-	P616	TP8SS-38	2	616c	D		CVVUCR	33	211121 J011	080	1P	1P
035	PACS S01-16 B 4 . REF03		PX1.-	-	P616	TP8SS-38	2	616c	E		CVVUCR	33	211121 J011	114	1P	1P
017	PACS S01-16 B 4 . S03		PX1.-	-	P616	TP8SS-38	2	616c	E		CVVUCR	33	211121 J011	104	1P	1P
036	PACS S01-16 B 4 . REF02		PX1.-	-	P616	TP8SS-38	2	616c	F		CVVUCR	33	211121 J011	092	1P	1P
018	PACS S01-16 B 4 . S02		PX1.-	-	P616	TP8SS-38	2	616c	F		CVVUCR	33	211121 J011	093	1P	1P
037	PACS S01-16 B 4 . REF01		PX1.-	-	P616	TP8SS-38	2	616c	G		CVVUCR	33	211121 J011	069	1P	1P
019	PACS S01-16 B 4 . S01		PX1.-	-	P616	TP8SS-38	2	616c	G		CVVUCR	33	211121 J011	081	1P	1P
CH	PACS S01-16 B 4 . S616c		PX1.-	-	P616	TP8SS-38	2	616c		CS-616c	CVVUCR	33	211121 J011	111	1P	1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 92 (of 464)

Connector: 131100 P059
HPFPU

Function / Bundle: FPU to BOLCSIH-XP-08 (616b,c)

Conn.-Type: MWDM2L-37S-6C3-.630

Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
003	NC														
020	NC														
002	NC														
021	NC														

Pin Allocation List

(Harness)

Connector: 131100 P060
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-08 (617b,c)

Conn.-Type: MWDM2L-37S-6C3-.630

Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S17-32 B 4 . REF32		PX1.-	-	P617	TP8SS-38	1	617b	1		CVVUCR	33	211121 J011	026	1P	1P
004	PACS S17-32 B 4 . S32		PX1.-	-	P617	TP8SS-38	1	617b	1		CVVUCR	33	211121 J011	015	1P	1P
023	PACS S17-32 B 4 . REF31		PX1.-	-	P617	TP8SS-38	1	617b	2		CVVUCR	33	211121 J011	016	1P	1P
005	PACS S17-32 B 4 . S31		PX1.-	-	P617	TP8SS-38	1	617b	2		CVVUCR	33	211121 J011	027	1P	1P
024	PACS S17-32 B 4 . REF30		PX1.-	-	P617	TP8SS-38	1	617b	3		CVVUCR	33	211121 J011	008	1P	1P
006	PACS S17-32 B 4 . S30		PX1.-	-	P617	TP8SS-38	1	617b	3		CVVUCR	33	211121 J011	001	1P	1P
025	PACS S17-32 B 4 . REF29		PX1.-	-	P617	TP8SS-38	1	617b	4		CVVUCR	33	211121 J011	028	1P	1P
007	PACS S17-32 B 4 . S29		PX1.-	-	P617	TP8SS-38	1	617b	4		CVVUCR	33	211121 J011	017	1P	1P
026	PACS S17-32 B 4 . REF28		PX1.-	-	P617	TP8SS-38	1	617b	5		CVVUCR	33	211121 J011	009	1P	1P
008	PACS S17-32 B 4 . S28		PX1.-	-	P617	TP8SS-38	1	617b	5		CVVUCR	33	211121 J011	002	1P	1P
027	PACS S17-32 B 4 . REF27		PX1.-	-	P617	TP8SS-38	1	617b	6		CVVUCR	33	211121 J011	018	1P	1P
009	PACS S17-32 B 4 . S27		PX1.-	-	P617	TP8SS-38	1	617b	6		CVVUCR	33	211121 J011	010	1P	1P
028	PACS S17-32 B 4 . REF26		PX1.-	-	P617	TP8SS-38	1	617b	7		CVVUCR	33	211121 J011	003	1P	1P
010	PACS S17-32 B 4 . S26		PX1.-	-	P617	TP8SS-38	1	617b	7		CVVUCR	33	211121 J011	004	1P	1P
029	PACS S17-32 B 4 . REF25		PX1.-	-	P617	TP8SS-38	1	617b	8		CVVUCR	33	211121 J011	011	1P	1P
011	PACS S17-32 B 4 . S25		PX1.-	-	P617	TP8SS-38	1	617b	8		CVVUCR	33	211121 J011	019	1P	1P
CH	PACS S17-32 B 4 . S617b		PX1.-	-	P617	TP8SS-38	1	617b		CS-617b	CVVUCR	33	211121 J011	025	1P	1P
-																
030	PACS S17-32 B 4 . REF24		PX1.-	-	P617	TP8SS-38	2	617c	9		CVVUCR	33	211121 J011	006	1P	1P
012	PACS S17-32 B 4 . S24		PX1.-	-	P617	TP8SS-38	2	617c	9		CVVUCR	33	211121 J011	005	1P	1P
031	PACS S17-32 B 4 . REF23		PX1.-	-	P617	TP8SS-38	2	617c	A		CVVUCR	33	211121 J011	013	1P	1P
013	PACS S17-32 B 4 . S23		PX1.-	-	P617	TP8SS-38	2	617c	A		CVVUCR	33	211121 J011	007	1P	1P
032	PACS S17-32 B 4 . REF22		PX1.-	-	P617	TP8SS-38	2	617c	B		CVVUCR	33	211121 J011	014	1P	1P
014	PACS S17-32 B 4 . S22		PX1.-	-	P617	TP8SS-38	2	617c	B		CVVUCR	33	211121 J011	023	1P	1P
033	PACS S17-32 B 4 . REF21		PX1.-	-	P617	TP8SS-38	2	617c	C		CVVUCR	33	211121 J011	022	1P	1P
015	PACS S17-32 B 4 . S21		PX1.-	-	P617	TP8SS-38	2	617c	C		CVVUCR	33	211121 J011	033	1P	1P
034	PACS S17-32 B 4 . REF20		PX1.-	-	P617	TP8SS-38	2	617c	D		CVVUCR	33	211121 J011	034	1P	1P
016	PACS S17-32 B 4 . S20		PX1.-	-	P617	TP8SS-38	2	617c	D		CVVUCR	33	211121 J011	024	1P	1P
035	PACS S17-32 B 4 . REF19		PX1.-	-	P617	TP8SS-38	2	617c	E		CVVUCR	33	211121 J011	045	1P	1P
017	PACS S17-32 B 4 . S19		PX1.-	-	P617	TP8SS-38	2	617c	E		CVVUCR	33	211121 J011	046	1P	1P
036	PACS S17-32 B 4 . REF18		PX1.-	-	P617	TP8SS-38	2	617c	F		CVVUCR	33	211121 J011	035	1P	1P
018	PACS S17-32 B 4 . S18		PX1.-	-	P617	TP8SS-38	2	617c	F		CVVUCR	33	211121 J011	047	1P	1P
037	PACS S17-32 B 4 . REF17		PX1.-	-	P617	TP8SS-38	2	617c	G		CVVUCR	33	211121 J011	058	1P	1P
019	PACS S17-32 B 4 . S17		PX1.-	-	P617	TP8SS-38	2	617c	G		CVVUCR	33	211121 J011	057	1P	1P
CH	PACS S17-32 B 4 . S617c		PX1.-	-	P617	TP8SS-38	2	617c		CS-617c	CVVUCR	33	211121 J011	012	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 94 (of 464)

Connector: 131100 P060
 HPFPU

Function / Bundle: FPU to BOLC SIH-XP-08 (617b,c)

Conn.-Type: MWDM2L-37S-6C3-.630

Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
003	NC														
020	NC														
002	NC														
021	NC														

Pin Allocation List

(Harness)

Connector: 131100 P061
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-08 (618/b;619-620)

Conn.-Type: MWDM2L-37P-6C3-.630

Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FL Clock B 4 . VGDEC		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	096	1P	1P
020	PACS FL Clock B 4 . VSEL		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	084		1P
002	PACS FL Clock B 4 . VGSEL		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	097		1P
021	PACS FL Clock B 4 . AD6		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	085		1P
003	PACS FL Clock B 4 . AD5		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	098		1P
022	PACS FL Clock B 4 . AD4		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	086		1P
004	PACS FL Clock B 4 . AD3		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	099		1P
023	PACS FL Clock B 4 . AD2		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	087		1P
005	PACS FL Clock B 4 . AD1		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	100		1P
024	PACS FL Clock B 4 . AD0		PX6.-	-	P620	111SS-38	1				CVVUCR	33	211121 J011	088		1P
CH	PACS FL Clock B 4 . SH620		PX6.-	-	P620	111SS-38	1			CS- P620	CVVUCR	33	211121 J011	072	1P	1P
-										1 NU wire con to CS-P620						1P
-																
006	PACS Fil LL CLK B 4 . VSMS		PX4.-	-	P619	031SS-38	2				CVVUCR	33	211121 J011	040	1P	1P
025	PACS Fil LL CLK B 4 . CKRI		PX4.-	-	P619	031SS-38	2				CVVUCR	33	211121 J011	051		1P
007	PACS Fil LL CLK B 4 . VDECX		PX4.-	-	P619	031SS-38	2				CVVUCR	33	211121 J011	052		1P
CH	PACS Fil LL CLK B 4 . SH619		PX4.-	-	P619	031SS-38	2			CS-P619	CVVUCR	33	211121 J011	050	1P	1P
-																
026	PACS Fil Bias B 4 . VHB		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	068	1P	1P
008	PACS Fil Bias B 4 . VTRIL		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	079	1P	1P
027	PACS Fil Bias B 4 . GNDCL		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	056	1P	1P
009	PACS Fil Bias B 4 . VDPRO		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	067	1P	1P
028	PACS Fil Bias B 4 . VH		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	090	1P	1P
010	PACS Fil Bias B 4 . VL		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	078	1P	1P
029	PACS Fil Bias B 4 . VRL		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	101	1P	1P
011	PACS Fil Bias B 4 . VCH		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	089	1P	1P
030	PACS Fil Bias B 4 . VSS		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	055	1P	1P
012	PACS Fil Bias B 4 . VDL		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	044	1P	1P
031	PACS Fil Bias B 4 . VINJ		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	043	1P	1P
013	PACS Fil Bias B 4 . VGL		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	032	1P	1P
032	PACS Fil Bias B 4 . VDD		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	066	1P	1P
033	PACS Fil Bias B 4 . GNDBU		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	077	1P	1P
034	PACS Fil Bias B 4 . VPRBU		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	065	1P	1P

Pin Allocation List

(Harness)

Connector: 131100 P061
 HPFPU

Function / Bundle: FPU to BOLC SIH-XP-08 (618/b;619-620)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
016	PACS Fil Bias B 4 . VGLBU		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	054	1P 1P
035	PACS Fil Bias B 4 . VGG		PX2.-	-	P618	X09SB---	3	618		191SS38	CVVUCR	33	211121 J011	042	1P 1P
CH	PACS Fil Bias B 4 . SH618		PX2.-	-	P618	X09SB---	3	618		CS-618	CVVUCR	33	211121 J011	064	1P 1P
-										2 NU wire con to CS- 618					1P
-															
-															
014	PACS Fil Bias B 4 . VSSBU		PX2.-	-	P618	X09SB---	4	618b		021BS30	CVVUCR	33	211121 J011	041	1P 1P
015	PACS Fil Bias B 4 . VDLBU		PX2.-	-	P618	X09SB---	4	618b		021BS30	CVVUCR	33	211121 J011	053	1P 1P
CH	PACS Fil Bias B 4 . S618b		PX2.-	-	P618	X09SB---	4	618b		CS-618b	CVVUCR	33	211121 J011	030	1P 1P
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														

Pin Allocation List

(Harness)

Connector: 211121 J011
CVVUCR

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

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.											1P	1P
105	PACS S01-16 B 4 . REF16		PX1.-	-	P616	TP8SS-38	1	616b	1		HPFFPU	70	131100 P059	022	1P	1P
115	PACS S01-16 B 4 . S16		PX1.-	-	P616	TP8SS-38	1	616b	1		HPFFPU	70	131100 P059	004	1P	1P
106	PACS S01-16 B 4 . REF15		PX1.-	-	P616	TP8SS-38	1	616b	2		HPFFPU	70	131100 P059	023	1P	1P
107	PACS S01-16 B 4 . S15		PX1.-	-	P616	TP8SS-38	1	616b	2		HPFFPU	70	131100 P059	005	1P	1P
122	PACS S01-16 B 4 . REF14		PX1.-	-	P616	TP8SS-38	1	616b	3		HPFFPU	70	131100 P059	024	1P	1P
123	PACS S01-16 B 4 . S14		PX1.-	-	P616	TP8SS-38	1	616b	3		HPFFPU	70	131100 P059	006	1P	1P
116	PACS S01-16 B 4 . REF13		PX1.-	-	P616	TP8SS-38	1	616b	4		HPFFPU	70	131100 P059	025	1P	1P
117	PACS S01-16 B 4 . S13		PX1.-	-	P616	TP8SS-38	1	616b	4		HPFFPU	70	131100 P059	007	1P	1P
108	PACS S01-16 B 4 . REF12		PX1.-	-	P616	TP8SS-38	1	616b	5		HPFFPU	70	131100 P059	026	1P	1P
109	PACS S01-16 B 4 . S12		PX1.-	-	P616	TP8SS-38	1	616b	5		HPFFPU	70	131100 P059	008	1P	1P
124	PACS S01-16 B 4 . REF11		PX1.-	-	P616	TP8SS-38	1	616b	6		HPFFPU	70	131100 P059	027	1P	1P
125	PACS S01-16 B 4 . S11		PX1.-	-	P616	TP8SS-38	1	616b	6		HPFFPU	70	131100 P059	009	1P	1P
118	PACS S01-16 B 4 . REF10		PX1.-	-	P616	TP8SS-38	1	616b	7		HPFFPU	70	131100 P059	028	1P	1P
110	PACS S01-16 B 4 . S10		PX1.-	-	P616	TP8SS-38	1	616b	7		HPFFPU	70	131100 P059	010	1P	1P
119	PACS S01-16 B 4 . REF09		PX1.-	-	P616	TP8SS-38	1	616b	8		HPFFPU	70	131100 P059	029	1P	1P
126	PACS S01-16 B 4 . S09		PX1.-	-	P616	TP8SS-38	1	616b	8		HPFFPU	70	131100 P059	011	1P	1P
094	PACS S01-16 B 4 . S616b		PX1.-	-	P616	TP8SS-38	1	616b		CS-616b	HPFFPU	70	131100 P059	CH	1P	1P
-																
127	PACS S01-16 B 4 . REF08		PX1.-	-	P616	TP8SS-38	2	616c	9		HPFFPU	70	131100 P059	030	1P	1P
120	PACS S01-16 B 4 . S08		PX1.-	-	P616	TP8SS-38	2	616c	9		HPFFPU	70	131100 P059	012	1P	1P
128	PACS S01-16 B 4 . REF07		PX1.-	-	P616	TP8SS-38	2	616c	A		HPFFPU	70	131100 P059	031	1P	1P
121	PACS S01-16 B 4 . S07		PX1.-	-	P616	TP8SS-38	2	616c	A		HPFFPU	70	131100 P059	013	1P	1P
112	PACS S01-16 B 4 . REF06		PX1.-	-	P616	TP8SS-38	2	616c	B		HPFFPU	70	131100 P059	032	1P	1P
102	PACS S01-16 B 4 . S06		PX1.-	-	P616	TP8SS-38	2	616c	B		HPFFPU	70	131100 P059	014	1P	1P
113	PACS S01-16 B 4 . REF05		PX1.-	-	P616	TP8SS-38	2	616c	C		HPFFPU	70	131100 P059	033	1P	1P
103	PACS S01-16 B 4 . S05		PX1.-	-	P616	TP8SS-38	2	616c	C		HPFFPU	70	131100 P059	015	1P	1P
091	PACS S01-16 B 4 . REF04		PX1.-	-	P616	TP8SS-38	2	616c	D		HPFFPU	70	131100 P059	034	1P	1P
080	PACS S01-16 B 4 . S04		PX1.-	-	P616	TP8SS-38	2	616c	D		HPFFPU	70	131100 P059	016	1P	1P
114	PACS S01-16 B 4 . REF03		PX1.-	-	P616	TP8SS-38	2	616c	E		HPFFPU	70	131100 P059	035	1P	1P
104	PACS S01-16 B 4 . S03		PX1.-	-	P616	TP8SS-38	2	616c	E		HPFFPU	70	131100 P059	017	1P	1P
092	PACS S01-16 B 4 . REF02		PX1.-	-	P616	TP8SS-38	2	616c	F		HPFFPU	70	131100 P059	036	1P	1P
093	PACS S01-16 B 4 . S02		PX1.-	-	P616	TP8SS-38	2	616c	F		HPFFPU	70	131100 P059	018	1P	1P
069	PACS S01-16 B 4 . REF01		PX1.-	-	P616	TP8SS-38	2	616c	G		HPFFPU	70	131100 P059	037	1P	1P
081	PACS S01-16 B 4 . S01		PX1.-	-	P616	TP8SS-38	2	616c	G		HPFFPU	70	131100 P059	019	1P	1P
111	PACS S01-16 B 4 . S616c		PX1.-	-	P616	TP8SS-38	2	616c		CS-616c	HPFFPU	70	131100 P059	CH	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J011
CVVUCR

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

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.											
-															
026	PACS S17-32 B 4 . REF32		PX1.-	-	P617	TP8SS-38	3	617b	H		HPFPU	70	131100 P060	022	1P 1P
015	PACS S17-32 B 4 . S32		PX1.-	-	P617	TP8SS-38	3	617b	H		HPFPU	70	131100 P060	004	1P 1P
016	PACS S17-32 B 4 . REF31		PX1.-	-	P617	TP8SS-38	3	617b	J		HPFPU	70	131100 P060	023	1P 1P
027	PACS S17-32 B 4 . S31		PX1.-	-	P617	TP8SS-38	3	617b	J		HPFPU	70	131100 P060	005	1P 1P
008	PACS S17-32 B 4 . REF30		PX1.-	-	P617	TP8SS-38	3	617b	K		HPFPU	70	131100 P060	024	1P 1P
001	PACS S17-32 B 4 . S30		PX1.-	-	P617	TP8SS-38	3	617b	K		HPFPU	70	131100 P060	006	1P 1P
028	PACS S17-32 B 4 . REF29		PX1.-	-	P617	TP8SS-38	3	617b	L		HPFPU	70	131100 P060	025	1P 1P
017	PACS S17-32 B 4 . S29		PX1.-	-	P617	TP8SS-38	3	617b	L		HPFPU	70	131100 P060	007	1P 1P
009	PACS S17-32 B 4 . REF28		PX1.-	-	P617	TP8SS-38	3	617b	M		HPFPU	70	131100 P060	026	1P 1P
002	PACS S17-32 B 4 . S28		PX1.-	-	P617	TP8SS-38	3	617b	M		HPFPU	70	131100 P060	008	1P 1P
018	PACS S17-32 B 4 . REF27		PX1.-	-	P617	TP8SS-38	3	617b	N		HPFPU	70	131100 P060	027	1P 1P
010	PACS S17-32 B 4 . S27		PX1.-	-	P617	TP8SS-38	3	617b	N		HPFPU	70	131100 P060	009	1P 1P
003	PACS S17-32 B 4 . REF26		PX1.-	-	P617	TP8SS-38	3	617b	P		HPFPU	70	131100 P060	028	1P 1P
004	PACS S17-32 B 4 . S26		PX1.-	-	P617	TP8SS-38	3	617b	P		HPFPU	70	131100 P060	010	1P 1P
011	PACS S17-32 B 4 . REF25		PX1.-	-	P617	TP8SS-38	3	617b	Q		HPFPU	70	131100 P060	029	1P 1P
019	PACS S17-32 B 4 . S25		PX1.-	-	P617	TP8SS-38	3	617b	Q		HPFPU	70	131100 P060	011	1P 1P
025	PACS S17-32 B 4 . S617b		PX1.-	-	P617	TP8SS-38	3	617b		CS-617b	HPFPU	70	131100 P060	CH	1P 1P
-															
006	PACS S17-32 B 4 . REF24		PX1.-	-	P617	TP8SS-38	4	617c	R		HPFPU	70	131100 P060	030	1P 1P
005	PACS S17-32 B 4 . S24		PX1.-	-	P617	TP8SS-38	4	617c	R		HPFPU	70	131100 P060	012	1P 1P
013	PACS S17-32 B 4 . REF23		PX1.-	-	P617	TP8SS-38	4	617c	S		HPFPU	70	131100 P060	031	1P 1P
007	PACS S17-32 B 4 . S23		PX1.-	-	P617	TP8SS-38	4	617c	S		HPFPU	70	131100 P060	013	1P 1P
014	PACS S17-32 B 4 . REF22		PX1.-	-	P617	TP8SS-38	4	617c	T		HPFPU	70	131100 P060	032	1P 1P
023	PACS S17-32 B 4 . S22		PX1.-	-	P617	TP8SS-38	4	617c	T		HPFPU	70	131100 P060	014	1P 1P
022	PACS S17-32 B 4 . REF21		PX1.-	-	P617	TP8SS-38	4	617c	U		HPFPU	70	131100 P060	033	1P 1P
033	PACS S17-32 B 4 . S21		PX1.-	-	P617	TP8SS-38	4	617c	U		HPFPU	70	131100 P060	015	1P 1P
034	PACS S17-32 B 4 . REF20		PX1.-	-	P617	TP8SS-38	4	617c	V		HPFPU	70	131100 P060	034	1P 1P
024	PACS S17-32 B 4 . S20		PX1.-	-	P617	TP8SS-38	4	617c	V		HPFPU	70	131100 P060	016	1P 1P
045	PACS S17-32 B 4 . REF19		PX1.-	-	P617	TP8SS-38	4	617c	W		HPFPU	70	131100 P060	035	1P 1P
046	PACS S17-32 B 4 . S19		PX1.-	-	P617	TP8SS-38	4	617c	W		HPFPU	70	131100 P060	017	1P 1P
035	PACS S17-32 B 4 . REF18		PX1.-	-	P617	TP8SS-38	4	617c	X		HPFPU	70	131100 P060	036	1P 1P
047	PACS S17-32 B 4 . S18		PX1.-	-	P617	TP8SS-38	4	617c	X		HPFPU	70	131100 P060	018	1P 1P
058	PACS S17-32 B 4 . REF17		PX1.-	-	P617	TP8SS-38	4	617c	Y		HPFPU	70	131100 P060	037	1P 1P
057	PACS S17-32 B 4 . S17		PX1.-	-	P617	TP8SS-38	4	617c	Y		HPFPU	70	131100 P060	019	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J011
 CVVUCR

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

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.											1P	1P
012	PACS S17-32 B 4 . S617c		PX1.-	-	P617	TP8SS-38	4	617c		CS-617c	HPFFPU	70	131100 P060	CH	1P	1P
-																
096	PACS FL Clock B 4 . VGDEC		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	001	1P	1P
084	PACS FL Clock B 4 . VSEL		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	020	1P	
097	PACS FL Clock B 4 . VGSEL		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	002	1P	
085	PACS FL Clock B 4 . AD6		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	021	1P	
098	PACS FL Clock B 4 . AD5		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	003	1P	
086	PACS FL Clock B 4 . AD4		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	022	1P	
099	PACS FL Clock B 4 . AD3		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	004	1P	
087	PACS FL Clock B 4 . AD2		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	023	1P	
100	PACS FL Clock B 4 . AD1		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	005	1P	
088	PACS FL Clock B 4 . AD0		PX6.-	-	P620	111SS-38	5				HPFFPU	70	131100 P061	024	1P	
072	PACS FL Clock B 4 . SH620		PX6.-	-	P620	111SS-38	5			CS-P620	HPFFPU	70	131100 P061	CH	1P	1P
-										1 NU wire con to P620						1P
-																
040	PACS Fil LL CLK B 4 . VSMS		PX4.-	-	P619	031SS-38	6				HPFFPU	70	131100 P061	006	1P	1P
051	PACS Fil LL CLK B 4 . CKRI		PX4.-	-	P619	031SS-38	6				HPFFPU	70	131100 P061	025	1P	
052	PACS Fil LL CLK B 4 . VDECX		PX4.-	-	P619	031SS-38	6				HPFFPU	70	131100 P061	007	1P	
050	PACS Fil LL CLK B 4 . SH619		PX4.-	-	P619	031SS-38	6			CS-P619	HPFFPU	70	131100 P061	CH	1P	1P
-																
068	PACS Fil Bias B 4 . VHB		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	026	1P	1P
079	PACS Fil Bias B 4 . VTRIL		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	008	1P	1P
056	PACS Fil Bias B 4 . GNDCL		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	027	1P	1P
067	PACS Fil Bias B 4 . VDPRO		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	009	1P	1P
090	PACS Fil Bias B 4 . VH		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	028	1P	1P
078	PACS Fil Bias B 4 . VL		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	010	1P	1P
101	PACS Fil Bias B 4 . VRL		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	029	1P	1P
089	PACS Fil Bias B 4 . VCH		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	011	1P	1P
055	PACS Fil Bias B 4 . VSS		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	030	1P	1P
044	PACS Fil Bias B 4 . VDL		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	012	1P	1P
043	PACS Fil Bias B 4 . VINJ		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	031	1P	1P
032	PACS Fil Bias B 4 . VGL		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	013	1P	1P
066	PACS Fil Bias B 4 . VDD		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFFPU	70	131100 P061	032	1P	1P

Pin Allocation List (Harness)

Connector: 211121 J011
 CVVUCR

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

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.											
077	PACS Fil Bias B 4 . GNDBU		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFPU	70	131100 P061	033	1P 1P
065	PACS Fil Bias B 4 . VPRBU		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFPU	70	131100 P061	034	1P 1P
054	PACS Fil Bias B 4 . VGLBU		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFPU	70	131100 P061	016	1P 1P
042	PACS Fil Bias B 4 . VGG		PX2.-	-	P618	X09SB---	7	618		191SS-38	HPFPU	70	131100 P061	035	1P 1P
064	PACS Fil Bias B 4 . SH618		PX2.-	-	P618	X09SB---	7	618		CS-618	HPFPU	70	131100 P061	CH	1P 1P
-										2 NU wires con to CS-618					1P
041	PACS Fil Bias B 4 . VSSBU		PX2.-	-	P618	X09SB---	8	618b		021BS-30	HPFPU	70	131100 P061	014	1P 1P
053	PACS Fil Bias B 4 . VDLBU		PX2.-	-	P618	X09SB---	8	618b		021BS-30	HPFPU	70	131100 P061	015	1P 1P
030	PACS Fil Bias B 4 . S618b		PX2.-	-	P618	X09SB---	8	618b		CS- 618b	HPFPU	70	131100 P061	CH	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P062
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-09 (621b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S01-16 B 5 . REF16		PX1.-	-	P621	TP8SS-38	1	621b	1		CVVUCR	33	211121 J012	086	1P	1P
004	PACS S01-16 B 5 . S16		PX1.-	-	P621	TP8SS-38	1	621b	1		CVVUCR	33	211121 J012	078	1P	1P
023	PACS S01-16 B 5 . REF15		PX1.-	-	P621	TP8SS-38	1	621b	2		CVVUCR	33	211121 J012	087	1P	1P
005	PACS S01-16 B 5 . S15		PX1.-	-	P621	TP8SS-38	1	621b	2		CVVUCR	33	211121 J012	079	1P	1P
024	PACS S01-16 B 5 . REF14		PX1.-	-	P621	TP8SS-38	1	621b	3		CVVUCR	33	211121 J012	088	1P	1P
006	PACS S01-16 B 5 . S14		PX1.-	-	P621	TP8SS-38	1	621b	3		CVVUCR	33	211121 J012	080	1P	1P
025	PACS S01-16 B 5 . REF13		PX1.-	-	P621	TP8SS-38	1	621b	4		CVVUCR	33	211121 J012	089	1P	1P
007	PACS S01-16 B 5 . S13		PX1.-	-	P621	TP8SS-38	1	621b	4		CVVUCR	33	211121 J012	081	1P	1P
026	PACS S01-16 B 5 . REF12		PX1.-	-	P621	TP8SS-38	1	621b	5		CVVUCR	33	211121 J012	069	1P	1P
008	PACS S01-16 B 5 . S12		PX1.-	-	P621	TP8SS-38	1	621b	5		CVVUCR	33	211121 J012	059	1P	1P
027	PACS S01-16 B 5 . REF11		PX1.-	-	P621	TP8SS-38	1	621b	6		CVVUCR	33	211121 J012	070	1P	1P
009	PACS S01-16 B 5 . S11		PX1.-	-	P621	TP8SS-38	1	621b	6		CVVUCR	33	211121 J012	060	1P	1P
028	PACS S01-16 B 5 . REF10		PX1.-	-	P621	TP8SS-38	1	621b	7		CVVUCR	33	211121 J012	071	1P	1P
010	PACS S01-16 B 5 . S10		PX1.-	-	P621	TP8SS-38	1	621b7	7		CVVUCR	33	211121 J012	061	1P	1P
029	PACS S01-16 B 5 . REF09		PX1.-	-	P621	TP8SS-38	1	621b	8		CVVUCR	33	211121 J012	072	1P	1P
011	PACS S01-16 B 5 . S09		PX1.-	-	P621	TP8SS-38	1	621b	8		CVVUCR	33	211121 J012	062	1P	1P
CH	PACS S01-16 B 5 . S621b		PX1.-	-	P621	TP8SS-38	1	621b		CS-621b	CVVUCR	33	211121 J012	077	1P	1P
-																
030	PACS S01-16 B 5 . REF08		PX1.-	-	P621	TP8SS-38	2	621c	9		CVVUCR	33	211121 J012	090	1P	1P
012	PACS S01-16 B 5 . S08		PX1.-	-	P621	TP8SS-38	2	621c	9		CVVUCR	33	211121 J012	082	1P	1P
031	PACS S01-16 B 5 . REF07		PX1.-	-	P621	TP8SS-38	2	621c	A		CVVUCR	33	211121 J012	091	1P	1P
013	PACS S01-16 B 5 . S07		PX1.-	-	P621	TP8SS-38	2	621c	A		CVVUCR	33	211121 J012	083	1P	1P
032	PACS S01-16 B 5 . REF06		PX1.-	-	P621	TP8SS-38	2	621c	B		CVVUCR	33	211121 J012	092	1P	1P
014	PACS S01-16 B 5 . S06		PX1.-	-	P621	TP8SS-38	2	621c	B		CVVUCR	33	211121 J012	084	1P	1P
033	PACS S01-16 B 5 . REF05		PX1.-	-	P621	TP8SS-38	2	621c	C		CVVUCR	33	211121 J012	093	1P	1P
015	PACS S01-16 B 5 . S05		PX1.-	-	P621	TP8SS-38	2	621c	C		CVVUCR	33	211121 J012	085	1P	1P
034	PACS S01-16 B 5 . REF04		PX1.-	-	P621	TP8SS-38	2	621c	D		CVVUCR	33	211121 J012	073	1P	1P
016	PACS S01-16 B 5 . S04		PX1.-	-	P621	TP8SS-38	2	621c	D		CVVUCR	33	211121 J012	063	1P	1P
035	PACS S01-16 B 5 . REF03		PX1.-	-	P621	TP8SS-38	2	621c	E		CVVUCR	33	211121 J012	074	1P	1P
017	PACS S01-16 B 5 . S03		PX1.-	-	P621	TP8SS-38	2	621c	E		CVVUCR	33	211121 J012	064	1P	1P
036	PACS S01-16 B 5 . REF02		PX1.-	-	P621	TP8SS-38	2	621c	F		CVVUCR	33	211121 J012	075	1P	1P
018	PACS S01-16 B 5 . S02		PX1.-	-	P621	TP8SS-38	2	621c	F		CVVUCR	33	211121 J012	065	1P	1P
037	PACS S01-16 B 5 . REF01		PX1.-	-	P621	TP8SS-38	2	621c	G		CVVUCR	33	211121 J012	076	1P	1P
019	PACS S01-16 B 5 . S01		PX1.-	-	P621	TP8SS-38	2	621c	G		CVVUCR	33	211121 J012	066	1P	1P
CH	PACS S01-16 B 5 . S621c		PX1.-	-	P621	TP8SS-38	2	621c		CS-621c	CVVUCR	33	211121 J012	097	1P	1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 102 (of 464)

Connector: 131100 P062
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-09 (621b,c)

Conn.-Type: MWDM2L-37S-6C3-.630

Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
003	NC														
020	NC														
002	NC														
021	NC														

Pin Allocation List

(Harness)

Connector: 131100 P063
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-09 (622/b;623-624)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FL Clock B 5 . VGDEC		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	008	1P	1P
020	PACS FL Clock B 5 . VSEL		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	009		1P
002	PACS FL Clock B 5 . VGSEL		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	010		1P
021	PACS FL Clock B 5 . AD6		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	011		1P
003	PACS FL Clock B 5 . AD5		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	017		1P
022	PACS FL Clock B 5 . AD4		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	018		1P
004	PACS FL Clock B 5 . AD3		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	019		1P
023	PACS FL Clock B 5 . AD2		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	020		1P
005	PACS FL Clock B 5 . AD1		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	029		1P
024	PACS FL Clock B 5 . AD0		PX6.-	-	P624	111SS-38	1				CVVUCR	33	211121 J012	030		1P
CH	PACS FL Clock B 5 . SH624		PX6.-	-	P624	111SS-38				CS-P624	CVVUCR	33	211121 J012	016	1P	1P
-										1 NU wire con to CS-P624						1P
-																
006	PACS Fil LL CLK B 5 . VSMS		PX4.-	-	P623	031SS-38	2				CVVUCR	33	211121 J012	001	1P	1P
025	PACS Fil LL CLK B 5 . CKRI		PX4.-	-	P623	031SS-38	2				CVVUCR	33	211121 J012	002		1P
007	PACS Fil LL CLK B 5 . VDECX		PX4.-	-	P623	031SS-38	2				CVVUCR	33	211121 J012	003		1P
CH	PACS Fil LL CLK B 5 . SH623		PX4.-	-	P623	031SS-38	2			CS-P623	CVVUCR	33	211121 J012	004	1P	1P
-																
026	PACS Fil Bias B 5 . VHB		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	012	1P	1P
008	PACS Fil Bias B 5 . VTRIL		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	013	1P	1P
027	PACS Fil Bias B 5 . GNDCL		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	014	1P	1P
009	PACS Fil Bias B 5 . VDPRO		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	015	1P	1P
028	PACS Fil Bias B 5 . VH		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	021	1P	1P
010	PACS Fil Bias B 5 . VL		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	022	1P	1P
029	PACS Fil Bias B 5 . VRL		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	023	1P	1P
011	PACS Fil Bias B 5 . VCH		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	024	1P	1P
030	PACS Fil Bias B 5 . VSS		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	031	1P	1P
012	PACS Fil Bias B 5 . VDL		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	032	1P	1P
031	PACS Fil Bias B 5 . VINJ		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	033	1P	1P
013	PACS Fil Bias B 5 . VGL		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	034	1P	1P
032	PACS Fil Bias B 5 . VDD		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	042	1P	1P
033	PACS Fil Bias B 5 . GNDBU		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	043	1P	1P
034	PACS Fil Bias B 5 . VPRBU		PX2.-	-	P622	X09SB---	3	622	191SS38		CVVUCR	33	211121 J012	044	1P	1P

Pin Allocation List (Harness)

Connector: 131100 P063
 HPFPU

Function / Bundle: FPU to BOLC SIH-XP-09 (622/b;623-624)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
016	PACS Fil Bias B 5 . VGLBU		PX2.-	-	P622	X09SB---	3	622		191SS38	CVVUCR	33	211121 J012	045	1P	1P
035	PACS Fil Bias B 5 . VGG		PX2.-	-	P622	X09SB---	3	622		191SS38	CVVUCR	33	211121 J012	041	1P	1P
CH	PACS Fil Bias B 5 . SH622		PX2.-	-	P622	X09SB---	3	622		CS-622	CVVUCR	33	211121 J012	052	1P	1P
-										2 NU wire con to CS-622						1P
014	PACS Fil Bias B 5 . VSSBU		PX2.-	-	P622	X09SB---	4	622b		021BS30	CVVUCR	33	211121 J012	005	1P	1P
015	PACS Fil Bias B 5 . VDLBU		PX2.-	-	P622	X09SB---	4	622b		021BS30	CVVUCR	33	211121 J012	006	1P	1P
CH	PACS Fil Bias B 5 . S622b		PX2.-	-	P622	X09SB---	4			CS-622b	CVVUCR	33	211121 J012	007	1P	1P
017	NC															
036	NC															
018	NC															
037	NC															
019	NC															

Pin Allocation List

(Harness)

Connector: 211121 J012
CVVUCR

Function / Bundle: SIH-XP-09 (621b/c;622/b;623;624)

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.											1P	1P
086	PACS S01-16 B 5 . REF16		PX1.-	-	P621	TP8SS-38	1	621b	1		HPFFPU	70	131100 P062	022	1P	1P
078	PACS S01-16 B 5 . S16		PX1.-	-	P621	TP8SS-38	1	621b	1		HPFFPU	70	131100 P062	004	1P	1P
087	PACS S01-16 B 5 . REF15		PX1.-	-	P621	TP8SS-38	1	621b	2		HPFFPU	70	131100 P062	023	1P	1P
079	PACS S01-16 B 5 . S15		PX1.-	-	P621	TP8SS-38	1	621b	2		HPFFPU	70	131100 P062	005	1P	1P
088	PACS S01-16 B 5 . REF14		PX1.-	-	P621	TP8SS-38	1	621b	3		HPFFPU	70	131100 P062	024	1P	1P
080	PACS S01-16 B 5 . S14		PX1.-	-	P621	TP8SS-38	1	621b	3		HPFFPU	70	131100 P062	006	1P	1P
089	PACS S01-16 B 5 . REF13		PX1.-	-	P621	TP8SS-38	1	621b	4		HPFFPU	70	131100 P062	025	1P	1P
081	PACS S01-16 B 5 . S13		PX1.-	-	P621	TP8SS-38	1	621b	4		HPFFPU	70	131100 P062	007	1P	1P
069	PACS S01-16 B 5 . REF12		PX1.-	-	P621	TP8SS-38	1	621b	5		HPFFPU	70	131100 P062	026	1P	1P
059	PACS S01-16 B 5 . S12		PX1.-	-	P621	TP8SS-38	1	621b	5		HPFFPU	70	131100 P062	008	1P	1P
070	PACS S01-16 B 5 . REF11		PX1.-	-	P621	TP8SS-38	1	621b	6		HPFFPU	70	131100 P062	027	1P	1P
060	PACS S01-16 B 5 . S11		PX1.-	-	P621	TP8SS-38	1	621b	6		HPFFPU	70	131100 P062	009	1P	1P
071	PACS S01-16 B 5 . REF10		PX1.-	-	P621	TP8SS-38	1	621b	7		HPFFPU	70	131100 P062	028	1P	1P
061	PACS S01-16 B 5 . S10		PX1.-	-	P621	TP8SS-38	1	621b	7		HPFFPU	70	131100 P062	010	1P	1P
072	PACS S01-16 B 5 . REF09		PX1.-	-	P621	TP8SS-38	1	621b	8		HPFFPU	70	131100 P062	029	1P	1P
062	PACS S01-16 B 5 . S09		PX1.-	-	P621	TP8SS-38	1	621b	8		HPFFPU	70	131100 P062	011	1P	1P
077	PACS S01-16 B 5 . S621b		PX1.-	-	P621	TP8SS-38	1	621b		CS-621b	HPFFPU	70	131100 P062	CH	1P	1P
-																
090	PACS S01-16 B 5 . REF08		PX1.-	-	P621	TP8SS-38	2	621c	9		HPFFPU	70	131100 P062	030	1P	1P
082	PACS S01-16 B 5 . S08		PX1.-	-	P621	TP8SS-38	2	621c	9		HPFFPU	70	131100 P062	012	1P	1P
091	PACS S01-16 B 5 . REF07		PX1.-	-	P621	TP8SS-38	2	621c	A		HPFFPU	70	131100 P062	031	1P	1P
083	PACS S01-16 B 5 . S07		PX1.-	-	P621	TP8SS-38	2	621c	A		HPFFPU	70	131100 P062	013	1P	1P
092	PACS S01-16 B 5 . REF06		PX1.-	-	P621	TP8SS-38	2	621c	B		HPFFPU	70	131100 P062	032	1P	1P
084	PACS S01-16 B 5 . S06		PX1.-	-	P621	TP8SS-38	2	621c	B		HPFFPU	70	131100 P062	014	1P	1P
093	PACS S01-16 B 5 . REF05		PX1.-	-	P621	TP8SS-38	2	621c	C		HPFFPU	70	131100 P062	033	1P	1P
085	PACS S01-16 B 5 . S05		PX1.-	-	P621	TP8SS-38	2	621c	C		HPFFPU	70	131100 P062	015	1P	1P
073	PACS S01-16 B 5 . REF04		PX1.-	-	P621	TP8SS-38	2	621c	D		HPFFPU	70	131100 P062	034	1P	1P
063	PACS S01-16 B 5 . S04		PX1.-	-	P621	TP8SS-38	2	621c	D		HPFFPU	70	131100 P062	016	1P	1P
074	PACS S01-16 B 5 . REF03		PX1.-	-	P621	TP8SS-38	2	621c	E		HPFFPU	70	131100 P062	035	1P	1P
064	PACS S01-16 B 5 . S03		PX1.-	-	P621	TP8SS-38	2	621c	E		HPFFPU	70	131100 P062	017	1P	1P
075	PACS S01-16 B 5 . REF02		PX1.-	-	P621	TP8SS-38	2	621c	F		HPFFPU	70	131100 P062	036	1P	1P
065	PACS S01-16 B 5 . S02		PX1.-	-	P621	TP8SS-38	2	621c	F		HPFFPU	70	131100 P062	018	1P	1P
076	PACS S01-16 B 5 . REF01		PX1.-	-	P621	TP8SS-38	2	621c	G		HPFFPU	70	131100 P062	037	1P	1P
066	PACS S01-16 B 5 . S01		PX1.-	-	P621	TP8SS-38	2	621c	G		HPFFPU	70	131100 P062	019	1P	1P
097	PACS S01-16 B 5 . S621c		PX1.-	-	P621	TP8SS-38	2	621c		CS-621c	HPFFPU	70	131100 P062	CH	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J012
CVVUCR

Function / Bundle: SIH-XP-09 (621b/c;622/b;623;624)

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.											
-															
008	PACS FL Clock B 5 . VGDEC		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	001	1P 1P
009	PACS FL Clock B 5 . VSEL		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	020	1P
010	PACS FL Clock B 5 . VGSEL		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	002	1P
011	PACS FL Clock B 5 . AD6		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	021	1P
017	PACS FL Clock B 5 . AD5		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	003	1P
018	PACS FL Clock B 5 . AD4		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	022	1P
019	PACS FL Clock B 5 . AD3		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	004	1P
020	PACS FL Clock B 5 . AD2		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	023	1P
029	PACS FL Clock B 5 . AD1		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	005	1P
030	PACS FL Clock B 5 . AD0		PX6.-	-	P624	111SS-38	3				HPFPU	70	131100 P063	024	1P
016	PACS FL Clock B 5 . SH624		PX6.-	-	P624	111SS-38	3			CS-P624	HPFPU	70	131100 P063	CH	1P 1P
-															
001	PACS Fil LL CLK B 5 . VSMS		PX4.-	-	P623	031SS-38	4				HPFPU	70	131100 P063	006	1P 1P
002	PACS Fil LL CLK B 5 . CKRI		PX4.-	-	P623	031SS-38	4				HPFPU	70	131100 P063	025	1P
003	PACS Fil LL CLK B 5 . VDECX		PX4.-	-	P623	031SS-38	4				HPFPU	70	131100 P063	007	1P
004	PACS Fil LL CLK B 5 . SH623		PX4.-	-	P623	031SS-38	4			CS-P623	HPFPU	70	131100 P063	CH	1P 1P
-															
012	PACS Fil Bias B 5 . VHB		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	026	1P 1P
013	PACS Fil Bias B 5 . VTRIL		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	008	1P 1P
014	PACS Fil Bias B 5 . GNDCL		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	027	1P 1P
015	PACS Fil Bias B 5 . VDPRO		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	009	1P 1P
021	PACS Fil Bias B 5 . VH		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	028	1P 1P
022	PACS Fil Bias B 5 . VL		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	010	1P 1P
023	PACS Fil Bias B 5 . VRL		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	029	1P 1P
024	PACS Fil Bias B 5 . VCH		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	011	1P 1P
031	PACS Fil Bias B 5 . VSS		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	030	1P 1P
032	PACS Fil Bias B 5 . VDL		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	012	1P 1P
033	PACS Fil Bias B 5 . VINJ		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	031	1P 1P
034	PACS Fil Bias B 5 . VGL		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	013	1P 1P
042	PACS Fil Bias B 5 . VDD		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	032	1P 1P
043	PACS Fil Bias B 5 . GNDBU		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	033	1P 1P
044	PACS Fil Bias B 5 . VPRBU		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	034	1P 1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 107 (of 464)

Connector: 211121 J012
 CVVUCR

Function / Bundle: SIH-XP-09 (621b/c;622/b;623;624)

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.											
045	PACS Fil Bias B 5 . VGLBU		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	016	1P 1P
041	PACS Fil Bias B 5 . VGG		PX2.-	-	P622	X09SB---	5	622		191SS-38	HPFPU	70	131100 P063	035	1P 1P
052	PACS Fil Bias B 5 . SH622		PX2.-	-	P622	X09SB---	5	622		CS-622	HPFPU	70	131100 P063	CH	1P 1P
-										2 NU wires con to CS-622					1P
005	PACS Fil Bias B 5 . VSSBU		PX2.-	-	P622	X09SB---	6	622b		021BS-30	HPFPU	70	131100 P063	014	1P 1P
006	PACS Fil Bias B 5 . VDLBU		PX2.-	-	P622	X09SB---	6	622b		021BS-30	HPFPU	70	131100 P063	015	1P 1P
007	PACS Fil Bias B 5 . S622b		PX2.-	-	P622	X09SB---	6	622b		CS-622b	HPFPU	70	131100 P063	CH	1P 1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 108 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P064
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-10 (625b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S01-16 B 6 . REF16		PX1.-	-	P625	TP8SS-38	1	625b	1		CVVUCR	33	211121 J013	086	1P	1P
004	PACS S01-16 B 6 . S16		PX1.-	-	P625	TP8SS-38	1	625b	1		CVVUCR	33	211121 J013	078	1P	1P
023	PACS S01-16 B 6 . REF15		PX1.-	-	P625	TP8SS-38	1	625b	2		CVVUCR	33	211121 J013	087	1P	1P
005	PACS S01-16 B 6 . S15		PX1.-	-	P625	TP8SS-38	1	625b	2		CVVUCR	33	211121 J013	079	1P	1P
024	PACS S01-16 B 6 . REF14		PX1.-	-	P625	TP8SS-38	1	625b	3		CVVUCR	33	211121 J013	088	1P	1P
006	PACS S01-16 B 6 . S14		PX1.-	-	P625	TP8SS-38	1	625b	3		CVVUCR	33	211121 J013	080	1P	1P
025	PACS S01-16 B 6 . REF13		PX1.-	-	P625	TP8SS-38	1	625b	4		CVVUCR	33	211121 J013	089	1P	1P
007	PACS S01-16 B 6 . S13		PX1.-	-	P625	TP8SS-38	1	625b	4		CVVUCR	33	211121 J013	081	1P	1P
026	PACS S01-16 B 6 . REF12		PX1.-	-	P625	TP8SS-38	1	625b	5		CVVUCR	33	211121 J013	069	1P	1P
008	PACS S01-16 B 6 . S12		PX1.-	-	P625	TP8SS-38	1	625b	5		CVVUCR	33	211121 J013	059	1P	1P
027	PACS S01-16 B 6 . REF11		PX1.-	-	P625	TP8SS-38	1	625b	6		CVVUCR	33	211121 J013	070	1P	1P
009	PACS S01-16 B 6 . S11		PX1.-	-	P625	TP8SS-38	1	625b	6		CVVUCR	33	211121 J013	060	1P	1P
028	PACS S01-16 B 6 . REF10		PX1.-	-	P625	TP8SS-38	1	625b	7		CVVUCR	33	211121 J013	071	1P	1P
010	PACS S01-16 B 6 . S10		PX1.-	-	P625	TP8SS-38	1	625b	7		CVVUCR	33	211121 J013	061	1P	1P
029	PACS S01-16 B 6 . REF09		PX1.-	-	P625	TP8SS-38	1	625b	8		CVVUCR	33	211121 J013	072	1P	1P
011	PACS S01-16 B 6 . S09		PX1.-	-	P625	TP8SS-38	1	625b	8		CVVUCR	33	211121 J013	062	1P	1P
CH	PACS S01-16 B 6 . S625b		PX1.-	-	P625	TP8SS-38	1	625b		CS-625b	CVVUCR	33	211121 J013	077	1P	1P
-																
030	PACS S01-16 B 6 . REF08		PX1.-	-	P625	TP8SS-38	2	625c	9		CVVUCR	33	211121 J013	090	1P	1P
012	PACS S01-16 B 6 . S08		PX1.-	-	P625	TP8SS-38	2	625c	9		CVVUCR	33	211121 J013	082	1P	1P
031	PACS S01-16 B 6 . REF07		PX1.-	-	P625	TP8SS-38	2	625c	A		CVVUCR	33	211121 J013	091	1P	1P
013	PACS S01-16 B 6 . S07		PX1.-	-	P625	TP8SS-38	2	625c	A		CVVUCR	33	211121 J013	083	1P	1P
032	PACS S01-16 B 6 . REF06		PX1.-	-	P625	TP8SS-38	2	625c	B		CVVUCR	33	211121 J013	092	1P	1P
014	PACS S01-16 B 6 . S06		PX1.-	-	P625	TP8SS-38	2	625c	B		CVVUCR	33	211121 J013	084	1P	1P
033	PACS S01-16 B 6 . REF05		PX1.-	-	P625	TP8SS-38	2	625c	C		CVVUCR	33	211121 J013	093	1P	1P
015	PACS S01-16 B 6 . S05		PX1.-	-	P625	TP8SS-38	2	625c	C		CVVUCR	33	211121 J013	085	1P	1P
034	PACS S01-16 B 6 . REF04		PX1.-	-	P625	TP8SS-38	2	625c	D		CVVUCR	33	211121 J013	073	1P	1P
016	PACS S01-16 B 6 . S04		PX1.-	-	P625	TP8SS-38	2	625c	D		CVVUCR	33	211121 J013	063	1P	1P
035	PACS S01-16 B 6 . REF03		PX1.-	-	P625	TP8SS-38	2	625c	E		CVVUCR	33	211121 J013	074	1P	1P
017	PACS S01-16 B 6 . S03		PX1.-	-	P625	TP8SS-38	2	625c	E		CVVUCR	33	211121 J013	064	1P	1P
036	PACS S01-16 B 6 . REF02		PX1.-	-	P625	TP8SS-38	2	625c	F		CVVUCR	33	211121 J013	075	1P	1P
018	PACS S01-16 B 6 . S02		PX1.-	-	P625	TP8SS-38	2	625c	F		CVVUCR	33	211121 J013	065	1P	1P
037	PACS S01-16 B 6 . REF01		PX1.-	-	P625	TP8SS-38	2	625c	G		CVVUCR	33	211121 J013	076	1P	1P
019	PACS S01-16 B 6 . S01		PX1.-	-	P625	TP8SS-38	2	625c	G		CVVUCR	33	211121 J013	066	1P	1P
CH	PACS S01-16 B 6 . S625c		PX1.-	-	P625	TP8SS-38	2	625c		CS-625c	CVVUCR	33	211121 J013	097	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 110 (of 464)

Connector: 131100 P064
 HPFPU

Function / Bundle: FPU to BOLC SIH-XP-10 (625b,c)

Conn.-Type: MWDM2L-37S-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
003	NC														
020	NC														
002	NC														
021	NC														

Pin Allocation List

(Harness)

Connector: 131100 P065
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-10 (626/b;627-628)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS FL Clock B 6 . VGDEC		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	008	1P 1P
020	PACS FL Clock B 6 . VSEL		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	009	1P
002	PACS FL Clock B 6 . VGSEL		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	010	1P
021	PACS FL Clock B 6 . AD6		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	011	1P
003	PACS FL Clock B 6 . AD5		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	017	1P
022	PACS FL Clock B 6 . AD4		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	018	1P
004	PACS FL Clock B 6 . AD3		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	019	1P
023	PACS FL Clock B 6 . AD2		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	020	1P
005	PACS FL Clock B 6 . AD1		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	029	1P
024	PACS FL Clock B 6 . AD0		PX6.- -		P628	111SS-38	1				CVVUCR	33	211121 J013	030	1P
CH	PACS FL Clock B 6 . SH628		PX6.- -		P628	111SS-38	1			CS-P628	CVVUCR	33	211121 J013	016	1P 1P
-										1 NU wire con to CS-P628					1P
-															
006	PACS Fill LL CLK B 6 . VSMS		PX4.- -		P627	031SS-38	2				CVVUCR	33	211121 J013	001	1P 1P
025	PACS Fill LL CLK B 6 . CKRI		PX4.- -		P627	031SS-38	2				CVVUCR	33	211121 J013	002	1P
007	PACS Fill LL CLK B 6 . VDECX		PX4.- -		P627	031SS-38	2				CVVUCR	33	211121 J013	003	1P
CH	PACS Fill LL CLK B 6 . SH627		PX4.- -		P627	031SS-38	2			CS-P627	CVVUCR	33	211121 J013	004	1P 1P
-															
026	PACS Fil Bias B 6 . VHB		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	012	1P 1P
008	PACS Fil Bias B 6 . VTRIL		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	013	1P 1P
027	PACS Fil Bias B 6 . GNDCL		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	014	1P 1P
009	PACS Fil Bias B 6 . VDPRO		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	015	1P 1P
028	PACS Fil Bias B 6 . VH		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	021	1P 1P
010	PACS Fil Bias B 6 . VL		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	022	1P 1P
029	PACS Fil Bias B 6 . VRL		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	023	1P 1P
011	PACS Fil Bias B 6 . VCH		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	024	1P 1P
030	PACS Fil Bias B 6 . VSS		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	031	1P 1P
012	PACS Fil Bias B 6 . VDL		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	032	1P 1P
031	PACS Fil Bias B 6 . VINJ		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	033	1P 1P
013	PACS Fil Bias B 6 . VGL		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	034	1P 1P
032	PACS Fil Bias B 6 . VDD		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	042	1P 1P
033	PACS Fil Bias B 6 . GNDBU		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	043	1P 1P
034	PACS Fil Bias B 6 . VPRBU		PX2.- -		P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	044	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P065
 HPFPU

Function / Bundle: FPU to BOLC SIH-XP-10 (626/b;627-628)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
016	PACS Fil Bias B 6 . VGLBU		PX2.-	-	P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	045	1P 1P
035	PACS Fil Bias B 6 . VGG		PX2.-	-	P626	X09SB---	3	626		191SS38	CVVUCR	33	211121 J013	041	1P 1P
CH	PACS Fil Bias B 6 . SH626		PX2.-	-	P626	X09SB---	3	626		CS-626	CVVUCR	33	211121 J013	052	1P 1P
-										2 NU wires con to CS-626					1P
014	PACS Fil Bias B 6 . VSSBU		PX2.-	-	P626	X09SB---	4	626b		021BS30	CVVUCR	33	211121 J013	005	1P 1P
015	PACS Fil Bias B 6 . VDLBU		PX2.-	-	P626	X09SB---	4	626b		021BS30	CVVUCR	33	211121 J013	006	1P 1P
CH	PACS Fil Bias B 6 . S626b		PX2.-	-	P626	X09SB---	4	626b		CS-626b	CVVUCR	33	211121 J013	007	1P 1P
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														

Pin Allocation List

(Harness)

Connector: 211121 J013
CVVUCR

Function / Bundle: SIH-XP-10 (625b/c;626/b;627;628)

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.											1P	1P
086	PACS S01-16 B 6 . REF16		PX1.-	-	P625	TP8SS-38	1	625b	1		HPFFPU	70	131100 P064	022	1P	1P
078	PACS S01-16 B 6 . S16		PX1.-	-	P625	TP8SS-38	1	625b	1		HPFFPU	70	131100 P064	004	1P	1P
087	PACS S01-16 B 6 . REF15		PX1.-	-	P625	TP8SS-38	1	625b	2		HPFFPU	70	131100 P064	023	1P	1P
079	PACS S01-16 B 6 . S15		PX1.-	-	P625	TP8SS-38	1	625b	2		HPFFPU	70	131100 P064	005	1P	1P
088	PACS S01-16 B 6 . REF14		PX1.-	-	P625	TP8SS-38	1	625b	3		HPFFPU	70	131100 P064	024	1P	1P
080	PACS S01-16 B 6 . S14		PX1.-	-	P625	TP8SS-38	1	625b	3		HPFFPU	70	131100 P064	006	1P	1P
089	PACS S01-16 B 6 . REF13		PX1.-	-	P625	TP8SS-38	1	625b	4		HPFFPU	70	131100 P064	025	1P	1P
081	PACS S01-16 B 6 . S13		PX1.-	-	P625	TP8SS-38	1	625b	4		HPFFPU	70	131100 P064	007	1P	1P
069	PACS S01-16 B 6 . REF12		PX1.-	-	P625	TP8SS-38	1	625b	5		HPFFPU	70	131100 P064	026	1P	1P
059	PACS S01-16 B 6 . S12		PX1.-	-	P625	TP8SS-38	1	625b	5		HPFFPU	70	131100 P064	008	1P	1P
070	PACS S01-16 B 6 . REF11		PX1.-	-	P625	TP8SS-38	1	625b	6		HPFFPU	70	131100 P064	027	1P	1P
060	PACS S01-16 B 6 . S11		PX1.-	-	P625	TP8SS-38	1	625b	6		HPFFPU	70	131100 P064	009	1P	1P
071	PACS S01-16 B 6 . REF10		PX1.-	-	P625	TP8SS-38	1	625b	7		HPFFPU	70	131100 P064	028	1P	1P
061	PACS S01-16 B 6 . S10		PX1.-	-	P625	TP8SS-38	1	625b	7		HPFFPU	70	131100 P064	010	1P	1P
072	PACS S01-16 B 6 . REF09		PX1.-	-	P625	TP8SS-38	1	625b	8		HPFFPU	70	131100 P064	029	1P	1P
062	PACS S01-16 B 6 . S09		PX1.-	-	P625	TP8SS-38	1	625b	8		HPFFPU	70	131100 P064	011	1P	1P
077	PACS S01-16 B 6 . S625b		PX1.-	-	P625	TP8SS-38	1	625b		CS-625b	HPFFPU	70	131100 P064	CH	1P	1P
-																
090	PACS S01-16 B 6 . REF08		PX1.-	-	P625	TP8SS-38	2	625c	9		HPFFPU	70	131100 P064	030	1P	1P
082	PACS S01-16 B 6 . S08		PX1.-	-	P625	TP8SS-38	2	625c	9		HPFFPU	70	131100 P064	012	1P	1P
091	PACS S01-16 B 6 . REF07		PX1.-	-	P625	TP8SS-38	2	625c	A		HPFFPU	70	131100 P064	031	1P	1P
083	PACS S01-16 B 6 . S07		PX1.-	-	P625	TP8SS-38	2	625c	A		HPFFPU	70	131100 P064	013	1P	1P
092	PACS S01-16 B 6 . REF06		PX1.-	-	P625	TP8SS-38	2	625c	B		HPFFPU	70	131100 P064	032	1P	1P
084	PACS S01-16 B 6 . S06		PX1.-	-	P625	TP8SS-38	2	625c	B		HPFFPU	70	131100 P064	014	1P	1P
093	PACS S01-16 B 6 . REF05		PX1.-	-	P625	TP8SS-38	2	625c	C		HPFFPU	70	131100 P064	033	1P	1P
085	PACS S01-16 B 6 . S05		PX1.-	-	P625	TP8SS-38	2	625c	C		HPFFPU	70	131100 P064	015	1P	1P
073	PACS S01-16 B 6 . REF04		PX1.-	-	P625	TP8SS-38	2	625c	D		HPFFPU	70	131100 P064	034	1P	1P
063	PACS S01-16 B 6 . S04		PX1.-	-	P625	TP8SS-38	2	625c	D		HPFFPU	70	131100 P064	016	1P	1P
074	PACS S01-16 B 6 . REF03		PX1.-	-	P625	TP8SS-38	2	625c	E		HPFFPU	70	131100 P064	035	1P	1P
064	PACS S01-16 B 6 . S03		PX1.-	-	P625	TP8SS-38	2	625c	E		HPFFPU	70	131100 P064	017	1P	1P
075	PACS S01-16 B 6 . REF02		PX1.-	-	P625	TP8SS-38	2	625c	F		HPFFPU	70	131100 P064	036	1P	1P
065	PACS S01-16 B 6 . S02		PX1.-	-	P625	TP8SS-38	2	625c	F		HPFFPU	70	131100 P064	018	1P	1P
076	PACS S01-16 B 6 . REF01		PX1.-	-	P625	TP8SS-38	2	625c	G		HPFFPU	70	131100 P064	037	1P	1P
066	PACS S01-16 B 6 . S01		PX1.-	-	P625	TP8SS-38	2	625c	G		HPFFPU	70	131100 P064	019	1P	1P
097	PACS S01-16 B 6 . S625c		PX1.-	-	P625	TP8SS-38	2	625c		CS-625c	HPFFPU	70	131100 P064	CH	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J013
CVVUCR

Function / Bundle: SIH-XP-10 (625b/c;626/b;627;628)

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.											
-															
008	PACS FL Clock B 6 . VGDEC		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	001	1P 1P
009	PACS FL Clock B 6 . VSEL		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	020	1P
010	PACS FL Clock B 6 . VGSEL		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	002	1P
011	PACS FL Clock B 6 . AD6		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	021	1P
017	PACS FL Clock B 6 . AD5		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	003	1P
018	PACS FL Clock B 6 . AD4		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	022	1P
019	PACS FL Clock B 6 . AD3		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	004	1P
020	PACS FL Clock B 6 . AD2		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	023	1P
029	PACS FL Clock B 6 . AD1		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	005	1P
030	PACS FL Clock B 6 . AD0		PX6.-	-	P628	111SS-38	3				HPFFPU	70	131100 P065	024	1P
016	PACS FL Clock B 6 . SH628		PX6.-	-	P628	111SS-38	3			CS-P628	HPFFPU	70	131100 P065	CH	1P 1P
-										1 NU wire con to P628					1P
-															
001	PACS Fill LL CLK B 6 . VSMS		PX4.-	-	P627	031SS-38	4				HPFFPU	70	131100 P065	006	1P 1P
002	PACS Fill LL CLK B 6 . CKRI		PX4.-	-	P627	031SS-38	4				HPFFPU	70	131100 P065	025	1P
003	PACS Fill LL CLK B 6 . VDECX		PX4.-	-	P627	031SS-38	4				HPFFPU	70	131100 P065	007	1P
004	PACS Fill LL CLK B 6 . SH627		PX4.-	-	P627	031SS-38	4			CS-P627	HPFFPU	70	131100 P065	CH	1P 1P
-															
012	PACS Fil Bias B 6 . VHB		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	026	1P 1P
013	PACS Fil Bias B 6 . VTRIL		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	008	1P 1P
014	PACS Fil Bias B 6 . GNDCL		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	027	1P 1P
015	PACS Fil Bias B 6 . VDPRO		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	009	1P 1P
021	PACS Fil Bias B 6 . VH		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	028	1P 1P
022	PACS Fil Bias B 6 . VL		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	010	1P 1P
023	PACS Fil Bias B 6 . VRL		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	029	1P 1P
024	PACS Fil Bias B 6 . VCH		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	011	1P 1P
031	PACS Fil Bias B 6 . VSS		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	030	1P 1P
032	PACS Fil Bias B 6 . VDL		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	012	1P 1P
033	PACS Fil Bias B 6 . VINJ		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	031	1P 1P
034	PACS Fil Bias B 6 . VGL		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	013	1P 1P
042	PACS Fil Bias B 6 . VDD		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	032	1P 1P
043	PACS Fil Bias B 6 . GNDBU		PX2.-	-	P626	X09SB---	5	626	191SS-38		HPFFPU	70	131100 P065	033	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 J013
 CVVUCR

Function / Bundle: SIH-XP-10 (625b/c;626/b;627;628)

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.											
044	PACS Fil Bias B 6 . VPRBU		PX2.-	-	P626	X09SB---	5	626		191SS-38	HPFPU	70	131100 P065	034	1P 1P
045	PACS Fil Bias B 6 . VGLBU		PX2.-	-	P626	X09SB---	5	626		191SS-38	HPFPU	70	131100 P065	016	1P 1P
041	PACS Fil Bias B 6 . VGG		PX2.-	-	P626	X09SB---	5	626		191SS-38	HPFPU	70	131100 P065	035	1P 1P
052	PACS Fil Bias B 6 . SH626		PX2.-	-	P626	X09SB---	5	626		CS-626	HPFPU	70	131100 P065	CH	1P 1P
-										2 NU wires con to CS-626					1P
005	PACS Fil Bias B 6 . VSSBU		PX2.-	-	P626	X09SB---	6	626b		021BS-30	HPFPU	70	131100 P065	014	1P 1P
006	PACS Fil Bias B 6 . VDLBU		PX2.-	-	P626	X09SB---	6	626b		021BS-30	HPFPU	70	131100 P065	015	1P 1P
007	PACS Fil Bias B 6 . S626b		PX2.-	-	P626	X09SB---	6	626b		CS-626b	HPFPU	70	131100 P065	CH	1P 1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 116 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P066
HPFPFU

Function / Bundle: FPU to BOLC SIH-XP-11 (641-644)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FPU 1 M Temp . SENS		PBT.-	-	P641	TP2SS-38	1		1		CVWUCR	33	211121 J014	018	1P	1P
002	PACS FPU 1 M Temp . SENRT		PBT.-	-	P641	TP2SS-38	1		1		CVWUCR	33	211121 J014	010	1P	1P
020	PACS FPU 1 M Temp . DRV		PBT.-	-	P641	TP2SS-38	1		2		CVWUCR	33	211121 J014	019	1P	1P
021	PACS FPU 1 M Temp . DRVRT		PBT.-	-	P641	TP2SS-38	1		2		CVWUCR	33	211121 J014	011	1P	1P
CH	PACS FPU 1 M Temp . SH641		PBT.-	-	P641	TP2SS-38	1			CS-P641	CVWUCR	33	211121 J014	017	1P	1P
-																
004	PACS FPU 2 M Temp . SENS		PBT.-	-	P642	TP2SS-38	2		3		CVWUCR	33	211121 J014	029	1P	1P
005	PACS FPU 2 M Temp . SENRT		PBT.-	-	P642	TP2SS-38	2		3		CVWUCR	33	211121 J014	020	1P	1P
022	PACS FPU 2 M Temp . DRV		PBT.-	-	P642	TP2SS-38	2		4		CVWUCR	33	211121 J014	030	1P	1P
023	PACS FPU 2 M Temp . DRVRT		PBT.-	-	P642	TP2SS-38	2		4		CVWUCR	33	211121 J014	021	1P	1P
CH	PACS FPU 2 M Temp . SH642		PBT.-	-	P642	TP2SS-38	2			CS-P642	CVWUCR	33	211121 J014	028	1P	1P
-																
006	PACS FPU M Struc Temp . SENS		PBT.-	-	P643	TP2SS-38	3		5		CVWUCR	33	211121 J014	004	1P	1P
007	PACS FPU M Struc Temp . SENRT		PBT.-	-	P643	TP2SS-38	3		5		CVWUCR	33	211121 J014	005	1P	1P
025	PACS FPU M Struc Temp . DRV		PBT.-	-	P643	TP2SS-38	3		6		CVWUCR	33	211121 J014	006	1P	1P
026	PACS FPU M Struc Temp . DRVRT		PBT.-	-	P643	TP2SS-38	3		6		CVWUCR	33	211121 J014	007	1P	1P
CH	PACS FPU M Struc Temp . SH643		PBT.-	-	P643	TP2SS-38	3			CS-P643	CVWUCR	33	211121 J014	003	1P	1P
-																
027	PACS FPU M Heat . DRV		PBF.-	-	P644	TP2BS-30	4		7		CVWUCR	33	211121 J014	024	1P	1P
028	PACS FPU M Heat . DRVRT		PBF.-	-	P644	TP2BS-30	4		7		CVWUCR	33	211121 J014	015	1P	1P
009	PACS FPU M Heat . SENS		PBF.-	-	P644	TP2BS-30	4		8		CVWUCR	33	211121 J014	023	1P	1P
010	PACS FPU M Heat . SENRT		PBF.-	-	P644	TP2BS-30	4		8		CVWUCR	33	211121 J014	014	1P	1P
CH	PACS FPU M Heat . SH644		PBF.-	-	P644	TP2BS-30	4			CS-P644	CVWUCR	33	211121 J014	013	1P	1P
-																1P
003	NC															
024	NC . -															
008	NC															
029	NC															
011	NC															
030	NC															
012	NC															
031	NC															
013	NC															
032	NC															

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 118 (of 464)

Connector: 131100 P066
 HPFPU

Function / Bundle: FPU to BOLC SIH-XP-11 (641-644)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
014	NC														
033	NC														
015	NC														
034	NC														
016	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														

Pin Allocation List

(Harness)

Connector: 131100 P068
HPFPFU

Function / Bundle: FPU to BOLC SIH-XP-11 (629-634)

Conn.-Type: MWDM2L-37P-6C3-.630

Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS Co M SP Temp . SENS		PBT.-	-	P629	TP2SS-38	1		1		CVWUCR	33	211121 J014	041	1P	1P
002	PACS Co M SP Temp . SENRT		PBT.-	-	P629	TP2SS-38	1		1		CVWUCR	33	211121 J014	031	1P	1P
020	PACS Co M SP Temp . DRV		PBT.-	-	P629	TP2SS-38	1		2		CVWUCR	33	211121 J014	042	1P	1P
021	PACS Co M SP Temp . DRVRT		PBT.-	-	P629	TP2SS-38	1		2		CVWUCR	33	211121 J014	032	1P	1P
CH	PACS Co M SP Temp . SH629		PBT.-	-	P629	TP2SS-38	1			CS-P629	CVWUCR	33	211121 J014	033	1P	1P
-																
004	PACS Co M EV Temp . SENS		PBT.-	-	P630	TP2SS-38	2		3		CVWUCR	33	211121 J014	090	1P	1P
005	PACS Co M EV Temp . SENRT		PBT.-	-	P630	TP2SS-38	2		3		CVWUCR	33	211121 J014	082	1P	1P
022	PACS Co M EV Temp . DRV		PBT.-	-	P630	TP2SS-38	2		4		CVWUCR	33	211121 J014	091	1P	1P
023	PACS Co M EV Temp . DRVRT		PBT.-	-	P630	TP2SS-38	2		4		CVWUCR	33	211121 J014	083	1P	1P
CH	PACS Co M EV Temp . SH630		PBT.-	-	P630	TP2SS-38	2			CS-P630	CVWUCR	33	211121 J014	084	1P	1P
-																
006	PACS Co M HSP Pump Temp . SENS		PBT.-	-	P631	TP2SS-38	3		5		CVWUCR	33	211121 J014	088	1P	1P
007	PACS Co M HSP Pump Temp . SENRT		PBT.-	-	P631	TP2SS-38	3		5		CVWUCR	33	211121 J014	080	1P	1P
025	PACS Co M HSP Pump Temp . DRV		PBT.-	-	P631	TP2SS-38	3		6		CVWUCR	33	211121 J014	089	1P	1P
026	PACS Co M HSP Pump Temp . DRVRT		PBT.-	-	P631	TP2SS-38	3		6		CVWUCR	33	211121 J014	081	1P	1P
CH	PACS Co M HSP Pump Temp . SH631		PBT.-	-	P631	TP2SS-38	3			CS-P631	CVWUCR	33	211121 J014	087	1P	1P
-																
009	PACS Co M HSE Pump Temp . SENS		PBT.-	-	P632	TP2SS-38	4		7		CVWUCR	33	211121 J014	070	1P	1P
010	PACS Co M HSE Pump Temp . SENRT		PBT.-	-	P632	TP2SS-38	4		7		CVWUCR	33	211121 J014	060	1P	1P
027	PACS Co M HSE Pump Temp . DRV		PBT.-	-	P632	TP2SS-38	4		8		CVWUCR	33	211121 J014	071	1P	1P
028	PACS Co M HSE Pump Temp . DRVRT		PBT.-	-	P632	TP2SS-38	4		8		CVWUCR	33	211121 J014	061	1P	1P
CH	PACS Co M HSE Pump Temp . SH632		PBT.-	-	P632	TP2SS-38	4			CS-P632	CVWUCR	33	211121 J014	069	1P	1P
-																
011	PACS CO M Shunt Temp . SENS		PBT.-	-	P633	TP2SS-38	5		9		CVWUCR	33	211121 J014	049	1P	1P
012	PACS CO M Shunt Temp . SENRT		PBT.-	-	P633	TP2SS-38	5		9		CVWUCR	33	211121 J014	039	1P	1P
030	PACS CO M Shunt Temp . DRV		PBT.-	-	P633	TP2SS-38	5		A		CVWUCR	33	211121 J014	050	1P	1P
031	PACS CO M Shunt Temp . DRVRT		PBT.-	-	P633	TP2SS-38	5		A		CVWUCR	33	211121 J014	040	1P	1P
CH	PACS CO M Shunt Temp . SH633		PBT.-	-	P633	TP2SS-38	5			CS-P633	CVWUCR	33	211121 J014	048	1P	1P
-																
032	PACS CO M Heat . SPSEN		PBH.-	-	P634	TP6BS-30	6		B		CVWUCR	33	211121 J014	073	1P	1P
033	PACS CO M Heat . SPSRT		PBH.-	-	P634	TP6BS-30	6		B		CVWUCR	33	211121 J014	063	1P	1P
014	PACS CO M Heat . SPDRV		PBH.-	-	P634	TP6BS-30	6		C		CVWUCR	33	211121 J014	074	1P	1P
015	PACS CO M Heat . SPDRT		PBH.-	-	P634	TP6BS-30	6		C		CVWUCR	33	211121 J014	064	1P	1P

Pin Allocation List (Harness)

Connector: 131100 P068
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-11 (629-634)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
034	PACS CO M Heat . HSESE		PBH.-	-	P634	TP6BS-30	6		D		CVWUCR	33	211121 J014	075	1P 1P
035	PACS CO M Heat . HSESR		PBH.-	-	P634	TP6BS-30	6		D		CVWUCR	33	211121 J014	065	1P 1P
016	PACS CO M Heat . HSEDV		PBH.-	-	P634	TP6BS-30	6		E		CVWUCR	33	211121 J014	076	1P 1P
017	PACS CO M Heat . HSEDR		PBH.-	-	P634	TP6BS-30	6		E		CVWUCR	33	211121 J014	066	1P 1P
036	PACS CO M Heat . HSPSE		PBH.-	-	P634	TP6BS-30	6		F		CVWUCR	33	211121 J014	052	1P 1P
037	PACS CO M Heat . HSPSR		PBH.-	-	P634	TP6BS-30	6		F		CVWUCR	33	211121 J014	053	1P 1P
018	PACS CO M Heat . HSPDV		PBH.-	-	P634	TP6BS-30	6		G		CVWUCR	33	211121 J014	054	1P 1P
019	PACS CO M Heat . HSPDR		PBH.-	-	P634	TP6BS-30	6		G		CVWUCR	33	211121 J014	055	1P 1P
CH	PACS CO M Heat . SH634		PBH.-	-	P634	TP6BS-30	6			CS-634	CVWUCR	33	211121 J014	045	1P 1P
003	NC														
024	NC			-											
008	NC			-											
029	NC			-											
013	NC			-											

Pin Allocation List

(Harness)

Connector: 211121 J014
 CVVUCR

Function / Bundle: SIH-XP-11 (629-634;641-644)

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.											1P	1P
041	PACS Co M SP Temp . SENS		PBT.-	-	P629	TP2SS-38	1		1		HPFFPU	70	131100 P068	001	1P	1P
031	PACS Co M SP Temp . SENRT		PBT.-	-	P629	TP2SS-38	1		1		HPFFPU	70	131100 P068	002	1P	1P
042	PACS Co M SP Temp . DRV		PBT.-	-	P629	TP2SS-38	1		2		HPFFPU	70	131100 P068	020	1P	1P
032	PACS Co M SP Temp . DRVRT		PBT.-	-	P629	TP2SS-38	1		2		HPFFPU	70	131100 P068	021	1P	1P
033	PACS Co M SP Temp . SH629		PBT.-	-	P629	TP2SS-38	1			CS-P629	HPFFPU	70	131100 P068	CH	1P	1P
-																
090	PACS Co M EV Temp . SENS		PBT.-	-	P630	TP2SS-38	2		3		HPFFPU	70	131100 P068	004	1P	1P
082	PACS Co M EV Temp . SENRT		PBT.-	-	P630	TP2SS-38	2		3		HPFFPU	70	131100 P068	005	1P	1P
091	PACS Co M EV Temp . DRV		PBT.-	-	P630	TP2SS-38	2		4		HPFFPU	70	131100 P068	022	1P	1P
083	PACS Co M EV Temp . DRVRT		PBT.-	-	P630	TP2SS-38	2		4		HPFFPU	70	131100 P068	023	1P	1P
084	PACS Co M EV Temp . SH630		PBT.-	-	P630	TP2SS-38	2			CS-P630	HPFFPU	70	131100 P068	CH	1P	1P
-																
088	PACS Co M HSP Pump Temp . SENS		PBT.-	-	P631	TP2SS-38	3		5		HPFFPU	70	131100 P068	006	1P	1P
080	PACS Co M HSP Pump Temp . SENRT		PBT.-	-	P631	TP2SS-38	3		5		HPFFPU	70	131100 P068	007	1P	1P
089	PACS Co M HSP Pump Temp . DRV		PBT.-	-	P631	TP2SS-38	3		6		HPFFPU	70	131100 P068	025	1P	1P
081	PACS Co M HSP Pump Temp . DRVRT		PBT.-	-	P631	TP2SS-38	3		6		HPFFPU	70	131100 P068	026	1P	1P
087	PACS Co M HSP Pump Temp . SH631		PBT.-	-	P631	TP2SS-38	3			CS-P631	HPFFPU	70	131100 P068	CH	1P	1P
-																
070	PACS Co M HSE Pump Temp . SENS		PBT.-	-	P632	TP2SS-38	4		7		HPFFPU	70	131100 P068	009	1P	1P
060	PACS Co M HSE Pump Temp . SENRT		PBT.-	-	P632	TP2SS-38	4		7		HPFFPU	70	131100 P068	010	1P	1P
071	PACS Co M HSE Pump Temp . DRV		PBT.-	-	P632	TP2SS-38	4		8		HPFFPU	70	131100 P068	027	1P	1P
061	PACS Co M HSE Pump Temp . DRVRT		PBT.-	-	P632	TP2SS-38	4		8		HPFFPU	70	131100 P068	028	1P	1P
069	PACS Co M HSE Pump Temp . SH632		PBT.-	-	P632	TP2SS-38	4			CS-P632	HPFFPU	70	131100 P068	CH	1P	1P
-																
049	PACS CO M Shunt Temp . SENS		PBT.-	-	P633	TP2SS-38	5		9		HPFFPU	70	131100 P068	011	1P	1P
039	PACS CO M Shunt Temp . SENRT		PBT.-	-	P633	TP2SS-38	5		9		HPFFPU	70	131100 P068	012	1P	1P
050	PACS CO M Shunt Temp . DRV		PBT.-	-	P633	TP2SS-38	5		A		HPFFPU	70	131100 P068	030	1P	1P
040	PACS CO M Shunt Temp . DRVRT		PBT.-	-	P633	TP2SS-38	5		A		HPFFPU	70	131100 P068	031	1P	1P
048	PACS CO M Shunt Temp . SH633		PBT.-	-	P633	TP2SS-38	5			CS-P633	HPFFPU	70	131100 P068	CH	1P	1P
-																
073	PACS CO M Heat . SPSEN		PBH.-	-	P634	TP6BS-30	6		B		HPFFPU	70	131100 P068	032	1P	1P
063	PACS CO M Heat . SPSRT		PBH.-	-	P634	TP6BS-30	6		B		HPFFPU	70	131100 P068	033	1P	1P
074	PACS CO M Heat . SPDRV		PBH.-	-	P634	TP6BS-30	6		C		HPFFPU	70	131100 P068	014	1P	1P
064	PACS CO M Heat . SPDRT		PBH.-	-	P634	TP6BS-30	6		C		HPFFPU	70	131100 P068	015	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J014
 CVVUCR

Function / Bundle: SIH-XP-11 (629-634;641-644)

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.											1P	1P
075	PACS CO M Heat . HSESE		PBH.-	-	P634	TP6BS-30	6		D		HPFFPU	70	131100 P068	034	1P	1P
065	PACS CO M Heat . HSESR		PBH.-	-	P634	TP6BS-30	6		D		HPFFPU	70	131100 P068	035	1P	1P
076	PACS CO M Heat . HSEDV		PBH.-	-	P634	TP6BS-30	6		E		HPFFPU	70	131100 P068	016	1P	1P
066	PACS CO M Heat . HSEDR		PBH.-	-	P634	TP6BS-30	6		E		HPFFPU	70	131100 P068	017	1P	1P
052	PACS CO M Heat . HSPSE		PBH.-	-	P634	TP6BS-30	6		F		HPFFPU	70	131100 P068	036	1P	1P
053	PACS CO M Heat . HSPSR		PBH.-	-	P634	TP6BS-30	6		F		HPFFPU	70	131100 P068	037	1P	1P
054	PACS CO M Heat . HSPDV		PBH.-	-	P634	TP6BS-30	6		G		HPFFPU	70	131100 P068	018	1P	1P
055	PACS CO M Heat . HSPDR		PBH.-	-	P634	TP6BS-30	6		G		HPFFPU	70	131100 P068	019	1P	1P
045	PACS CO M Heat . SH634		PBH.-	-	P634	TP6BS-30	6			CS-P634	HPFFPU	70	131100 P068	CH	1P	1P
-																
018	PACS FPU 1 M Temp . SENS		PBT.-	-	P641	TP2SS-38	7		H		HPFFPU	70	131100 P066	001	1P	1P
010	PACS FPU 1 M Temp . SENRT		PBT.-	-	P641	TP2SS-38	7		H		HPFFPU	70	131100 P066	002	1P	1P
019	PACS FPU 1 M Temp . DRV		PBT.-	-	P641	TP2SS-38	7		J		HPFFPU	70	131100 P066	020	1P	1P
011	PACS FPU 1 M Temp . DRVRT		PBT.-	-	P641	TP2SS-38	7		J		HPFFPU	70	131100 P066	021	1P	1P
017	PACS FPU 1 M Temp . SH641		PBT.-	-	P641	TP2SS-38	7			CS-P641	HPFFPU	70	131100 P066	CH	1P	1P
-																
029	PACS FPU 2 M Temp . SENS		PBT.-	-	P642	TP2SS-38	8		K		HPFFPU	70	131100 P066	004	1P	1P
020	PACS FPU 2 M Temp . SENRT		PBT.-	-	P642	TP2SS-38	8		K		HPFFPU	70	131100 P066	005	1P	1P
030	PACS FPU 2 M Temp . DRV		PBT.-	-	P642	TP2SS-38	8		L		HPFFPU	70	131100 P066	022	1P	1P
021	PACS FPU 2 M Temp . DRVRT		PBT.-	-	P642	TP2SS-38	8		L		HPFFPU	70	131100 P066	023	1P	1P
028	PACS FPU 2 M Temp . SH642		PBT.-	-	P642	TP2SS-38	8			CS-642	HPFFPU	70	131100 P066	CH	1P	1P
-																
004	PACS FPU M Struc Temp . SENS		PBT.-	-	P643	TP2SS-38	9		M		HPFFPU	70	131100 P066	006	1P	1P
005	PACS FPU M Struc Temp . SENRT		PBT.-	-	P643	TP2SS-38	9		M		HPFFPU	70	131100 P066	007	1P	1P
006	PACS FPU M Struc Temp . DRV		PBT.-	-	P643	TP2SS-38	9		N		HPFFPU	70	131100 P066	025	1P	1P
007	PACS FPU M Struc Temp . DRVRT		PBT.-	-	P643	TP2SS-38	9		N		HPFFPU	70	131100 P066	026	1P	1P
003	PACS FPU M Struc Temp . SH643		PBT.-	-	P643	TP2SS-38	9			CS-P643	HPFFPU	70	131100 P066	CH	1P	1P
-																
023	PACS FPU M Heat . SENS		PBF.-	-	P644	TP2BS-30	10		P		HPFFPU	70	131100 P066	009	1P	1P
014	PACS FPU M Heat . SENRT		PBF.-	-	P644	TP2BS-30	10		P		HPFFPU	70	131100 P066	010	1P	1P
024	PACS FPU M Heat . DRV		PBF.-	-	P644	TP2BS-30	10		Q		HPFFPU	70	131100 P066	027	1P	1P
015	PACS FPU M Heat . DRVRT		PBF.-	-	P644	TP2BS-30	10		Q		HPFFPU	70	131100 P066	028	1P	1P
013	PACS FPU M Heat . SH644		PBF.-	-	P644	TP2BS-30	10			CS-P644	HPFFPU	70	131100 P066	CH	1P	1P

Pin Allocation List

(Harness)

Connector: 131100 P067
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-12 (645-648)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FPU 1 R Temp . SENS		PBT.-	-	P645	TP2SS-38	1		1		CVWUCR	33	211121 J015	018	1P	1P
002	PACS FPU 1 R Temp . SENRT		PBT.-	-	P645	TP2SS-38	1		1		CVWUCR	33	211121 J015	010	1P	1P
020	PACS FPU 1 R Temp . DRV		PBT.-	-	P645	TP2SS-38	1		2		CVWUCR	33	211121 J015	019	1P	1P
021	PACS FPU 1 R Temp . DRVRT		PBT.-	-	P645	TP2SS-38	1		2		CVWUCR	33	211121 J015	011	1P	1P
CH	PACS FPU 1 R Temp . SH645		PBT.-	-	P645	TP2SS-38	1			CS-P645	CVWUCR	33	211121 J015	017	1P	1P
-																
022	PACS FPU2 R Temp . DRV		PBT.-	-	P646	TP2SS-38	2		3		CVWUCR	33	211121 J015	030	1P	1P
023	PACS FPU2 R Temp . DRVRT		PBT.-	-	P646	TP2SS-38	2		3		CVWUCR	33	211121 J015	021	1P	1P
004	PACS FPU2 R Temp . SENS		PBT.-	-	P646	TP2SS-38	2		4		CVWUCR	33	211121 J015	029	1P	1P
005	PACS FPU2 R Temp . SENRT		PBT.-	-	P646	TP2SS-38	2		4		CVWUCR	33	211121 J015	020	1P	1P
CH	PACS FPU2 R Temp . SH646		PBT.-	-	P646	TP2SS-38	2			CS-P646	CVWUCR	33	211121 J015	028	1P	1P
-																
006	PACS FPU R Struc Temp . SENS		PBT.-	-	P647	TP2SS-38	3		5		CVWUCR	33	211121 J015	004	1P	1P
007	PACS FPU R Struc Temp . SENRT		PBT.-	-	P647	TP2SS-38	3		5		CVWUCR	33	211121 J015	005	1P	1P
025	PACS FPU R Struc Temp . DRV		PBT.-	-	P647	TP2SS-38	3		6		CVWUCR	33	211121 J015	006	1P	1P
026	PACS FPU R Struc Temp . DRVRT		PBT.-	-	P647	TP2SS-38	3		6		CVWUCR	33	211121 J015	007	1P	1P
CH	PACS FPU R Struc Temp . SH647		PBT.-	-	P647	TP2SS-38	3			CS-P647	CVWUCR	33	211121 J015	003	1P	1P
-																
027	PACS FPU R Heat . DRV		PBF.-	-	P648	TP2BS-30	4		7		CVWUCR	33	211121 J015	024	1P	1P
028	PACS FPU R Heat . DRVRT		PBF.-	-	P648	TP2BS-30	4		7		CVWUCR	33	211121 J015	015	1P	1P
009	PACS FPU R Heat . SENS		PBF.-	-	P648	TP2BS-30	4		8		CVWUCR	33	211121 J015	023	1P	1P
010	PACS FPU R Heat . SENRT		PBF.-	-	P648	TP2BS-30	4		8		CVWUCR	33	211121 J015	014	1P	1P
CH	PACS FPU R Heat . SH648		PBF.-	-	P648	TP2BS-30	4			CS-P648	CVWUCR	33	211121 J015	013	1P	1P
003	NC															
024	NC															
008	NC															
029	NC															
011	NC															
030	NC															
012	NC															
031	NC															
013	NC															
032	NC															
014	NC															

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 124 (of 464)

Connector: 131100 P067
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-12 (645-648)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-SS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
033	NC														
015	NC														
034	NC														
016	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														

Pin Allocation List

(Harness)

Connector: 131100 P069
HPFPU

Function / Bundle: FPU to BOLC SIH-XP-12 (635-640)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS Co R SP Temp . SENS		PBT.-	-	P635	TP2SS-38	1		1		CVWUCR	33	211121 J015	041	1P	1P
002	PACS Co R SP Temp . SENRT		PBT.-	-	P635	TP2SS-38	1		1		CVWUCR	33	211121 J015	031	1P	1P
020	PACS Co R SP Temp . DRV		PBT.-	-	P635	TP2SS-38	1		2		CVWUCR	33	211121 J015	042	1P	1P
021	PACS Co R SP Temp . DRVRT		PBT.-	-	P635	TP2SS-38	1		2		CVWUCR	33	211121 J015	032	1P	1P
CH	PACS Co R SP Temp . SH635		PBT.-	-	P635	TP2SS-38	1			CS-P635	CVWUCR	33	211121 J015	033	1P	1P
-																
022	PACS Co R EV Temp . DRV		PBT.-	-	P636	TP2SS-38	2		3		CVWUCR	33	211121 J015	091	1P	1P
023	PACS Co R EV Temp . DRVRT		PBT.-	-	P636	TP2SS-38	2		3		CVWUCR	33	211121 J015	083	1P	1P
004	PACS Co R EV Temp . SENS		PBT.-	-	P636	TP2SS-38	2		4		CVWUCR	33	211121 J015	090	1P	1P
005	PACS Co R EV Temp . SENRT		PBT.-	-	P636	TP2SS-38	2		4		CVWUCR	33	211121 J015	082	1P	1P
CH	PACS Co R EV Temp . SH636		PBT.-	-	P636	TP2SS-38	2			CS-P636	CVWUCR	33	211121 J015	084	1P	1P
-																
006	PACS Co R HSP Pump Temp . SENS		PBT.-	-	P637	TP2SS-38	3		5		CVWUCR	33	211121 J015	088	1P	1P
007	PACS Co R HSP Pump Temp . SENRT		PBT.-	-	P637	TP2SS-38	3		5		CVWUCR	33	211121 J015	080	1P	1P
025	PACS Co R HSP Pump Temp . DRV		PBT.-	-	P637	TP2SS-38	3		6		CVWUCR	33	211121 J015	089	1P	1P
026	PACS Co R HSP Pump Temp . DRVRT		PBT.-	-	P637	TP2SS-38	3		6		CVWUCR	33	211121 J015	081	1P	1P
CH	PACS Co R HSP Pump Temp . SH637		PBT.-	-	P637	TP2SS-38	3			CS-P637	CVWUCR	33	211121 J015	087	1P	1P
-																
027	PACS Co R HSE Pump Temp . DRV		PBT.-	-	P638	TP2SS-38	4		7		CVWUCR	33	211121 J015	071	1P	1P
028	PACS Co R HSE Pump Temp . DRVRT		PBT.-	-	P638	TP2SS-38	4		7		CVWUCR	33	211121 J015	061	1P	1P
009	PACS Co R HSE Pump Temp . SENS		PBT.-	-	P638	TP2SS-38	4		8		CVWUCR	33	211121 J015	070	1P	1P
010	PACS Co R HSE Pump Temp . SENRT		PBT.-	-	P638	TP2SS-38	4		8		CVWUCR	33	211121 J015	060	1P	1P
CH	PACS Co R HSE Pump Temp . SH638		PBT.-	-	P638	TP2SS-38	4			CS-P638	CVWUCR	33	211121 J015	069	1P	1P
-																
011	PACS Co R Shunt Temp . SENS		PBT.-	-	P639	TP2SS-38	5		9		CVWUCR	33	211121 J015	049	1P	1P
012	PACS Co R Shunt Temp . SENRT		PBT.-	-	P639	TP2SS-38	5		9		CVWUCR	33	211121 J015	039	1P	1P
030	PACS Co R Shunt Temp . DRV		PBT.-	-	P639	TP2SS-38	5		A		CVWUCR	33	211121 J015	050	1P	1P
031	PACS Co R Shunt Temp . DRVRT		PBT.-	-	P639	TP2SS-38	5		A		CVWUCR	33	211121 J015	040	1P	1P
CH	PACS Co R Shunt Temp . SH639		PBT.-	-	P639	TP2SS-38	5			CS-P639	CVWUCR	33	211121 J015	048	1P	1P
-																
032	PACS R Heat . SPSEN		PBH.-	-	P640	TP6BS-30	6		B		CVWUCR	33	211121 J015	073	1P	1P
033	PACS R Heat . SPSEK		PBH.-	-	P640	TP6BS-30	6		B		CVWUCR	33	211121 J015	063	1P	1P
014	PACS R Heat . SPDRV		PBH.-	-	P640	TP6BS-30	6		C		CVWUCR	33	211121 J015	074	1P	1P
015	PACS R Heat . SPDRT		PBH.-	-	P640	TP6BS-30	6		C		CVWUCR	33	211121 J015	064	1P	1P

Pin Allocation List

(Harness)

Connector: 131100 P069
 HPFPU

Function / Bundle: FPU to BOLC SIH-XP-12 (635-640)

Conn.-Type: MWDM2L-37P-6C3-.630
Backshell: BS-LS-17F-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
034	PACS R Heat . HSESE		PBH.-	-	P640	TP6BS-30	6		D		CVWUCR	33	211121 J015	075	1P 1P
035	PACS R Heat . HSERT		PBH.-	-	P640	TP6BS-30	6		D		CVWUCR	33	211121 J015	065	1P 1P
016	PACS R Heat . HSEDEV		PBH.-	-	P640	TP6BS-30	6		E		CVWUCR	33	211121 J015	076	1P 1P
017	PACS R Heat . HSEDR		PBH.-	-	P640	TP6BS-30	6		E		CVWUCR	33	211121 J015	066	1P 1P
036	PACS R Heat . HSPSE		PBH.-	-	P640	TP6BS-30	6		F		CVWUCR	33	211121 J015	052	1P 1P
037	PACS R Heat . HSPSR		PBH.-	-	P640	TP6BS-30	6		F		CVWUCR	33	211121 J015	053	1P 1P
018	PACS R Heat . HSPDV		PBH.-	-	P640	TP6BS-30	6		G		CVWUCR	33	211121 J015	054	1P 1P
019	PACS R Heat . HSPDR		PBH.-	-	P640	TP6BS-30	6		G		CVWUCR	33	211121 J015	055	1P 1P
CH	PACS R Heat . SH640		PBH.-	-	P640	TP6BS-30	6			CS-P640	CVWUCR	33	211121 J015	045	1P 1P
003	NC														
024	NC														
008	NC														
029	NC														
013	NC														

Pin Allocation List

(Harness)

Connector: 211121 J015
CVVUCR

Function / Bundle: SIH-XP-12 (635-640;645-648)

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.											1P	1P
041	PACS Co R SP Temp . SENS		PBT.-	-	P635	TP2SS-38	1		1		HPFFPU	70	131100 P069	001	1P	1P
031	PACS Co R SP Temp . SENRT		PBT.-	-	P635	TP2SS-38	1		1		HPFFPU	70	131100 P069	002	1P	1P
042	PACS Co R SP Temp . DRV		PBT.-	-	P635	TP2SS-38	1		2		HPFFPU	70	131100 P069	020	1P	1P
032	PACS Co R SP Temp . DRVRT		PBT.-	-	P635	TP2SS-38	1		2		HPFFPU	70	131100 P069	021	1P	1P
033	PACS Co R SP Temp . SH635		PBT.-	-	P635	TP2SS-38	1			CS-P635	HPFFPU	70	131100 P069	CH	1P	1P
-																
090	PACS Co R EV Temp . SENS		PBT.-	-	P636	TP2SS-38	2		3		HPFFPU	70	131100 P069	004	1P	1P
082	PACS Co R EV Temp . SENRT		PBT.-	-	P636	TP2SS-38	2		3		HPFFPU	70	131100 P069	005	1P	1P
091	PACS Co R EV Temp . DRV		PBT.-	-	P636	TP2SS-38	2		4		HPFFPU	70	131100 P069	022	1P	1P
083	PACS Co R EV Temp . DRVRT		PBT.-	-	P636	TP2SS-38	2		4		HPFFPU	70	131100 P069	023	1P	1P
084	PACS Co R EV Temp . SH636		PBT.-	-	P636	TP2SS-38	2			CS-P636	HPFFPU	70	131100 P069	CH	1P	1P
-																
088	PACS Co R HSP Pump Temp . SENS		PBT.-	-	P637	TP2SS-38	3		5		HPFFPU	70	131100 P069	006	1P	1P
080	PACS Co R HSP Pump Temp . SENRT		PBT.-	-	P637	TP2SS-38	3		5		HPFFPU	70	131100 P069	007	1P	1P
089	PACS Co R HSP Pump Temp . DRV		PBT.-	-	P637	TP2SS-38	3		6		HPFFPU	70	131100 P069	025	1P	1P
081	PACS Co R HSP Pump Temp . DRVRT		PBT.-	-	P637	TP2SS-38	3		6		HPFFPU	70	131100 P069	026	1P	1P
087	PACS Co R HSP Pump Temp . SH637		PBT.-	-	P637	TP2SS-38	3			CS-P637	HPFFPU	70	131100 P069	CH	1P	1P
-																
070	PACS Co R HSE Pump Temp . SENS		PBT.-	-	P638	TP2SS-38	4		7		HPFFPU	70	131100 P069	009	1P	1P
060	PACS Co R HSE Pump Temp . SENRT		PBT.-	-	P638	TP2SS-38	4		7		HPFFPU	70	131100 P069	010	1P	1P
071	PACS Co R HSE Pump Temp . DRV		PBT.-	-	P638	TP2SS-38	4		8		HPFFPU	70	131100 P069	027	1P	1P
061	PACS Co R HSE Pump Temp . DRVRT		PBT.-	-	P638	TP2SS-38	4		8		HPFFPU	70	131100 P069	028	1P	1P
069	PACS Co R HSE Pump Temp . SH638		PBT.-	-	P638	TP2SS-38	4			CS-P638	HPFFPU	70	131100 P069	CH	1P	1P
-																
049	PACS Co R Shunt Temp . SENS		PBT.-	-	P639	TP2SS-38	5		9		HPFFPU	70	131100 P069	011	1P	1P
039	PACS Co R Shunt Temp . SENRT		PBT.-	-	P639	TP2SS-38	5		9		HPFFPU	70	131100 P069	012	1P	1P
050	PACS Co R Shunt Temp . DRV		PBT.-	-	P639	TP2SS-38	5		A		HPFFPU	70	131100 P069	030	1P	1P
040	PACS Co R Shunt Temp . DRVRT		PBT.-	-	P639	TP2SS-38	5		A		HPFFPU	70	131100 P069	031	1P	1P
048	PACS Co R Shunt Temp . SH639		PBT.-	-	P639	TP2SS-38	5			CS-P639	HPFFPU	70	131100 P069	CH	1P	1P
-																
073	PACS R Heat . SPSEN		PBH.-	-	P640	TP6BS-30	6		B		HPFFPU	70	131100 P069	032	1P	1P
063	PACS R Heat . SPSEK		PBH.-	-	P640	TP6BS-30	6		B		HPFFPU	70	131100 P069	033	1P	1P
074	PACS R Heat . SPDRV		PBH.-	-	P640	TP6BS-30	6		C		HPFFPU	70	131100 P069	014	1P	1P
064	PACS R Heat . SPDRT		PBH.-	-	P640	TP6BS-30	6		C		HPFFPU	70	131100 P069	015	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J015
CVVUCR

Function / Bundle: SIH-XP-12 (635-640;645-648)

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.											1P	1P
075	PACS R Heat . HSESE		PBH.-	-	P640	TP6BS-30	6		D		HPFFPU	70	131100 P069	034	1P	1P
065	PACS R Heat . HSERT		PBH.-	-	P640	TP6BS-30	6		D		HPFFPU	70	131100 P069	035	1P	1P
076	PACS R Heat . HSEDEV		PBH.-	-	P640	TP6BS-30	6		E		HPFFPU	70	131100 P069	016	1P	1P
066	PACS R Heat . HSEDR		PBH.-	-	P640	TP6BS-30	6		E		HPFFPU	70	131100 P069	017	1P	1P
052	PACS R Heat . HSPSE		PBH.-	-	P640	TP6BS-30	6		F		HPFFPU	70	131100 P069	036	1P	1P
053	PACS R Heat . HSPSR		PBH.-	-	P640	TP6BS-30	6		F		HPFFPU	70	131100 P069	037	1P	1P
054	PACS R Heat . HSPDV		PBH.-	-	P640	TP6BS-30	6		G		HPFFPU	70	131100 P069	018	1P	1P
055	PACS R Heat . HSPDR		PBH.-	-	P640	TP6BS-30	6		G		HPFFPU	70	131100 P069	019	1P	1P
045	PACS R Heat . SH640		PBH.-	-	P640	TP6BS-30	6			CS-P640	HPFFPU	70	131100 P069	CH	1P	1P
-																
018	PACS FPU 1 R Temp . SENS		PBT.-	-	P645	TP2SS-38	7		H		HPFFPU	70	131100 P067	001	1P	1P
010	PACS FPU 1 R Temp . SENRT		PBT.-	-	P645	TP2SS-38	7		H		HPFFPU	70	131100 P067	002	1P	1P
019	PACS FPU 1 R Temp . DRV		PBT.-	-	P645	TP2SS-38	7		J		HPFFPU	70	131100 P067	020	1P	1P
011	PACS FPU 1 R Temp . DRVRT		PBT.-	-	P645	TP2SS-38	7		J		HPFFPU	70	131100 P067	021	1P	1P
017	PACS FPU 1 R Temp . SH645		PBT.-	-	P645	TP2SS-38	7			CS-P645	HPFFPU	70	131100 P067	CH	1P	1P
-																
029	PACS FPU2 R Temp . SENS		PBT.-	-	P646	TP2SS-38	8		K		HPFFPU	70	131100 P067	004	1P	1P
020	PACS FPU2 R Temp . SENRT		PBT.-	-	P646	TP2SS-38	8		K		HPFFPU	70	131100 P067	005	1P	1P
030	PACS FPU2 R Temp . DRV		PBT.-	-	P646	TP2SS-38	8		L		HPFFPU	70	131100 P067	022	1P	1P
021	PACS FPU2 R Temp . DRVRT		PBT.-	-	P646	TP2SS-38	8		L		HPFFPU	70	131100 P067	023	1P	1P
028	PACS FPU2 R Temp . SH646		PBT.-	-	P646	TP2SS-38	8			CS-P646	HPFFPU	70	131100 P067	CH	1P	1P
-																
004	PACS FPU R Struc Temp . SENS		PBT.-	-	P647	TP2SS-38	9		M		HPFFPU	70	131100 P067	006	1P	1P
005	PACS FPU R Struc Temp . SENRT		PBT.-	-	P647	TP2SS-38	9		M		HPFFPU	70	131100 P067	007	1P	1P
006	PACS FPU R Struc Temp . DRV		PBT.-	-	P647	TP2SS-38	9		N		HPFFPU	70	131100 P067	025	1P	1P
007	PACS FPU R Struc Temp . DRVRT		PBT.-	-	P647	TP2SS-38	9		N		HPFFPU	70	131100 P067	026	1P	1P
003	PACS FPU R Struc Temp . SH647		PBT.-	-	P647	TP2SS-38	9			CS-P647	HPFFPU	70	131100 P067	CH	1P	1P
-																
023	PACS FPU R Heat . SENS		PBF.-	-	P648	TP2BS-30	10		P		HPFFPU	70	131100 P067	009	1P	1P
014	PACS FPU R Heat . SENRT		PBF.-	-	P648	TP2BS-30	10		P		HPFFPU	70	131100 P067	010	1P	1P
024	PACS FPU R Heat . DRV		PBF.-	-	P648	TP2BS-30	10		Q		HPFFPU	70	131100 P067	027	1P	1P
015	PACS FPU R Heat . DRVRT		PBF.-	-	P648	TP2BS-30	10		Q		HPFFPU	70	131100 P067	028	1P	1P
013	PACS FPU R Heat . SH648		PBF.-	-	P648	TP2BS-30	10			CS-P648	HPFFPU	70	131100 P067	CH	1P	1P

Pin Allocation List

(Harness)

Connector: 131100 P001
HPFPU

Function / Bundle: FPU to MEC N SIH-XP-13 (77-81)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-SS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
001	PACS FW 1 Coil N . 1		PFC.-	-	P077	TP2BS-30	77		1		CVWUCR	33	211121 J007	104	1P	1P
002	PACS FW 1 Coil N . 1RTN		PFC.-	-	P077	TP2BS-30	77		1		CVWUCR	33	211121 J007	092	1P	1P
017	PACS FW 1 Coil N . 2		PFC.-	-	P077	TP2BS-30	77		2		CVWUCR	33	211121 J007	093	1P	1P
018	PACS FW 1 Coil N . 2RTN		PFC.-	-	P077	TP2BS-30	77		2		CVWUCR	33	211121 J007	081	1P	1P
003	PACS FW 1 Coil N . SH077		PFC.-	-	P077	TP2BS-30	77			CS-P077	CVWUCR	33	211121 J007	080	1P	1P
-																
019	PACS FW 1 HP1N . I		PFH.-	-	P078	041SS-38	78				CVWUCR	33	211121 J007	121	1P	2C
004	PACS FW 1 HP1N . U		PFH.-	-	P078	041SS-38	78				CVWUCR	33	211121 J007	114		
020	PACS FW 1 HP1N . IRTN		PFH.-	-	P078	041SS-38	78				CVWUCR	33	211121 J007	113		1P
005	PACS FW 1 HP1N . URTN		PFH.-	-	P078	041SS-38	78				CVWUCR	33	211121 J007	103		
021	PACS FW 1 HP1N . SH078		PFH.-	-	P078	041SS-38	78			CS-P078	CVWUCR	33	211121 J007	091	1P	1P
-																
006	PACS FW 1 HP2N . I		PFH.-	-	P079	041SS-38	79				CVWUCR	33	211121 J007	127	1P	2C
022	PACS FW 1 HP2N . U		PFH.-	-	P079	041SS-38	79				CVWUCR	33	211121 J007	128		
007	PACS FW 1 HP2N . IRTN		PFH.-	-	P079	041SS-38	79				CVWUCR	33	211121 J007	120		1P
023	PACS FW 1 HP2N . URTN		PFH.-	-	P079	041SS-38	79				CVWUCR	33	211121 J007	112		
008	PACS FW 1 HP2N . SH079		PFH.-	-	P079	041SS-38	79			CS-P079	CVWUCR	33	211121 J007	101	1P	1P
-																
024	PACS FW 1 S N . 12I		PFS.-	-	P080	081SS-38	80				CVWUCR	33	211121 J007	077	1P	2C
009	PACS FW 1 S N . 1U		PFS.-	-	P080	081SS-38	80				CVWUCR	33	211121 J007	078		
025	PACS FW 1 S N . 2U		PFS.-	-	P080	081SS-38	80				CVWUCR	33	211121 J007	079		
010	PACS FW 1 S N . 12IRT		PFS.-	-	P080	081SS-38	80				CVWUCR	33	211121 J007	068		
011	PACS FW 1 S N . 34I		PFS.-	-	P080	081SS-38	80				CVWUCR	33	211121 J007	088		1P
027	PACS FW 1 S N . 3U		PFS.-	-	P080	081SS-38	80				CVWUCR	33	211121 J007	089		
012	PACS FW 1 S N . 4U		PFS.-	-	P080	081SS-38	80				CVWUCR	33	211121 J007	090		
028	PACS FW 1 S N . 34IRT		PFS.-	-	P080	081SS-38	80				CVWUCR	33	211121 J007	087		
026	PACS FW 1 S N . SH080		PFS.-	-	P080	081SS-38	80			CS-P080	CVWUCR	33	211121 J007	076	1P	1P
-																
013	PACS FW 1 TS N . I		PFT.-	-	P081	041SS-38	81				CVWUCR	33	211121 J007	125	1P	2C
029	PACS FW 1 TS N . U		PFT.-	-	P081	041SS-38	81				CVWUCR	33	211121 J007	126		
014	PACS FW 1 TS N . IRTN		PFT.-	-	P081	041SS-38	81				CVWUCR	33	211121 J007	118		1P
030	PACS FW 1 TS N . URTN		PFT.-	-	P081	041SS-38	81				CVWUCR	33	211121 J007	119		
015	PACS FW 1 TS N . SH081		PFT.-	-	P081	041SS-38	81			CS-P081	CVWUCR	33	211121 J007	111	1P	1P
031	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 130 (of 464)

Connector: 131100 P001
HPFPU

Function / Bundle: FPU to MEC N SIH-XP-13 (77-81)

Conn.-Type: MWDM2L-31P-6C3-.630

Backshell: BS-SS-17E-01

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

Pin Allocation List

(Harness)

Connector: 131100 P003
HPFPU

Function / Bundle: FPU to MEC N SIH-XP-13 (87-91)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-SS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
001	PACS FW 2 Coil 1/2 No . 1		PFC.-	-	P087	TP2BS-30	87		1		CVWUCR	33	211121 J007	035	1P	1P
002	PACS FW 2 Coil 1/2 No . 1RTN		PFC.-	-	P087	TP2BS-30	87		1		CVWUCR	33	211121 J007	046	1P	1P
017	PACS FW 2 Coil 1/2 No . 2		PFC.-	-	P087	TP2BS-30	87		2		CVWUCR	33	211121 J007	047	1P	1P
018	PACS FW 2 Coil 1/2 No . 2RTN		PFC.-	-	P087	TP2BS-30	87		2		CVWUCR	33	211121 J007	058	1P	1P
003	PACS FW 2 Coil 1/2 No . SH087		PFC.-	-	P087	TP2BS-30	87			CS-P087	CVWUCR	33	211121 J007	057	1P	1P
-																
019	PACS FW 2 HP1N . I		PFH.-	-	P088	041SS-38	88				CVWUCR	33	211121 J007	014	1P	2C
004	PACS FW 2 HP1N . U		PFH.-	-	P088	041SS-38	88				CVWUCR	33	211121 J007	024	1P	
020	PACS FW 2 HP1N . IRTN		PFH.-	-	P088	041SS-38	88				CVWUCR	33	211121 J007	023		1P
005	PACS FW 2 HP1N . URTN		PFH.-	-	P088	041SS-38	88				CVWUCR	33	211121 J007	034		
021	PACS FW 2 HP1N . SH088		PFH.-	-	P088	041SS-38	88			CS-P088	CVWUCR	33	211121 J007	045	1P	1P
-																
006	PACS FW 2 HP2N . I		PFH.-	-	P089	041SS-38	89				CVWUCR	33	211121 J007	006	1P	2C
022	PACS FW 2 HP2N . U		PFH.-	-	P089	041SS-38	89				CVWUCR	33	211121 J007	007		
007	PACS FW 2 HP2N . IRTN		PFH.-	-	P089	041SS-38	89				CVWUCR	33	211121 J007	013		1P
023	PACS FW 2 HP2N . URTN		PFH.-	-	P089	041SS-38	89				CVWUCR	33	211121 J007	022		
008	PACS FW 2 HP2N . SH089		PFH.-	-	P089	041SS-38	89			CS-P089	CVWUCR	33	211121 J007	032	1P	1P
-																
024	PACS FW 2 S N . 12I		PFS.-	-	P090	081SS-38	90				CVWUCR	33	211121 J007	053	1P	2C
009	PACS FW 2 S N . 1U		PFS.-	-	P090	081SS-38	90				CVWUCR	33	211121 J007	054		
025	PACS FW 2 S N . 2U		PFS.-	-	P090	081SS-38	90				CVWUCR	33	211121 J007	055		
010	PACS FW 2 S N . 12IRT		PFS.-	-	P090	081SS-38	90				CVWUCR	33	211121 J007	056		1P
011	PACS FW 2 S N . 34I		PFS.-	-	P090	081SS-38	90				CVWUCR	33	211121 J007	042		
027	PACS FW 2 S N . 3U		PFS.-	-	P090	081SS-38	90				CVWUCR	33	211121 J007	043		
012	PACS FW 2 S N . 4U		PFS.-	-	P090	081SS-38	90				CVWUCR	33	211121 J007	044		
028	PACS FW 2 S N . 34IRT		PFS.-	-	P090	081SS-38	90				CVWUCR	33	211121 J007	041		
026	PACS FW 2 S N . SH090		PFS.-	-	P090	081SS-38	90			CS-P090	CVWUCR	33	211121 J007	064	1P	1P
-																
013	PACS FW 2 TS N . I		PFT.-	-	P091	041SS-38	91				CVWUCR	33	211121 J007	004	1P	2C
029	PACS FW 2 TS N . U		PFT.-	-	P091	041SS-38	91				CVWUCR	33	211121 J007	005		
014	PACS FW 2 TS N . IRTN		PFT.-	-	P091	041SS-38	91				CVWUCR	33	211121 J007	011		1P
030	PACS FW 2 TS N . URTN		PFT.-	-	P091	041SS-38	91				CVWUCR	33	211121 J007	012		
015	PACS FW 2 TS N . SH091		PFT.-	-	P091	041SS-38	91			CS-P091	CVWUCR	33	211121 J007	021	1P	1P
031	NC															

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 132 (of 464)

Connector: 131100 P003
HPFPU

Function / Bundle: FPU to MEC N SIH-XP-13 (87-91)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-SS-17E-01

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

Pin Allocation List

(Harness)

Connector: 131100 P007
HPFPU

Function / Bundle: FPU to MEC SIH-XP-13 (113-116a)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-LS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.												
002	PACS Ch pos 1 . drv		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 J007	106	2C	2C
002	PACS Ch pos 1 . drv		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 J007	106	2C	2C
018	PACS Ch pos 1 . drsen		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 J007	107	1P	2C
003	PACS Ch pos 1 . drRT		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 J007	095	2C	2C
003	PACS Ch pos 1 . drRT		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 J007	095	2C	2C
019	PACS Ch pos 1 . dseRT		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 J007	096		
004	PACS Ch pos 1 . outA		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 J007	108		1P
020	PACS Ch pos 1 . outB		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 J007	097		
017	PACS Ch pos 1 . SH113		PCP.-	-	P113	081SS-38	13			CS-P113	CVWUCR	33	211121 J007	105	1P	1P
-																
006	PACS Ch pos 2 . drv		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 J007	084	2C	2C
006	PACS Ch pos 2 . drv		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 J007	084	2C	2C
022	PACS Ch pos 2 . drsen		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 J007	085	1P	2C
007	PACS Ch pos 2 . drRT		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 J007	073	2C	2C
007	PACS Ch pos 2 . drRT		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 J007	073	2C	2C
023	PACS Ch pos 2 . dseRT		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 J007	074		
008	PACS Ch pos 2 . outA		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 J007	086		1P
024	PACS Ch pos 2 . outB		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 J007	075		
021	PACS Ch pos 2 . SH114		PCP.-	-	P114	081SS-38	14			CS-P114	CVWUCR	33	211121 J007	072	1P	1P
-																
009	PACS Ch tsens . drv		PCT.-	-	P115	041SS-38	15				CVWUCR	33	211121 J007	062	1P	2C
025	PACS Ch tsens . sens		PCT.-	-	P115	041SS-38	15				CVWUCR	33	211121 J007	063		
010	PACS Ch tsens . drvRT		PCT.-	-	P115	041SS-38	15				CVWUCR	33	211121 J007	051		1P
026	PACS Ch tsens . senRT		PCT.-	-	P115	041SS-38	15				CVWUCR	33	211121 J007	052		
011	PACS Ch tsens . SH115		PCT.-	-	P115	041SS-38	15			CS-P115	CVWUCR	33	211121 J007	050	1P	1P
-																
012	PACS Ch drv . A		PCD.-	-	P116	TP2BS-30	16	116	1		CVWUCR	33	211121 J007	110	1P	1P
013	PACS Ch drv . ARTN		PCD.-	-	P116	TP2BS-30	16	116	1		CVWUCR	33	211121 J007	100	1P	1P
028	PACS Ch drv . B		PCD.-	-	P116	TP2BS-30	16	116	2		CVWUCR	33	211121 J007	109	1P	1P
029	PACS Ch drv . BRTN		PCD.-	-	P116	TP2BS-30	16	116	2		CVWUCR	33	211121 J007	099	1P	1P
027	PACS Ch drv . SH116		PCD.-	-	P116	TP2BS-30	16	116		CS-116	CVWUCR	33	211121 J007	098	1P	1P
-																
014	PACS Ch drv . Ar1		PCD.-	-	P116	TP2BS-30	91	116a	3		CVWUCR	33	211121 J007	123	1P	1P
015	PACS Ch drv . Ar2		PCD.-	-	P116	TP2BS-30	91	116a	3		CVWUCR	33	211121 J007	116	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 134 (of 464)

Connector: 131100 P007
 HPFPU

Function / Bundle: FPU to MEC SIH-XP-13 (113-116a)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-LS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
030	PACS Ch drv . Br1		PCD.-	-	P116	TP2BS-30	91	116a	4		CVWUCR	33	211121 J007	124	1P 1P
031	PACS Ch drv . Br2		PCD.-	-	P116	TP2BS-30	91	116a	4		CVWUCR	33	211121 J007	117	1P 1P
016	PACS Ch drv . S116a		PCD.-	-	P116	TP2BS-30	91	116a		CS-116a	CVWUCR	33	211121 J007	122	1P 1P
001	NC														
005	NC														

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 135 (of 464)

Connector: 131100 P009
HPFPU

Function / Bundle: FPU to MEC R SIH-XP-13 (124)

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.											1P	2C
001	PACS TS red . 3drv		PTS.-	-	P124	081SS-38	24				CVWUCR	33	211121 J007	028	1P	2C
006	PACS TS red . 3sens		PTS.-	-	P124	081SS-38	24				CVWUCR	33	211121 J007	018		
002	PACS TS red . 3drRT		PTS.-	-	P124	081SS-38	24				CVWUCR	33	211121 J007	017		
007	PACS TS red . 3seRT		PTS.-	-	P124	081SS-38	24				CVWUCR	33	211121 J007	009		
008	PACS TS red . 4sens		PTS.-	-	P124	081SS-38	24				CVWUCR	33	211121 J007	001		1P
004	PACS TS red . 4drv		PTS.-	-	P124	081SS-38	24				CVWUCR	33	211121 J007	010		
009	PACS TS red . 4seRT		PTS.-	-	P124	081SS-38	24				CVWUCR	33	211121 J007	002		
005	PACS TS red . 4drRT		PTS.-	-	P124	081SS-38	24				CVWUCR	33	211121 J007	003		
003	PACS TS red . SH124		PTS.-	-	P124	081SS-38	24			CS-P124	CVWUCR	33	211121 J007	008	1P	1P
-																

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 136 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 J007
 CVVUCR

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124)

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.											1P	1P
104	PACS FW 1 Coil N . 1		PFC.-	-	P077	TP2BS-30	1		1		HPFFPU	70	131100 P001	001	1P	1P
092	PACS FW 1 Coil N . 1RTN		PFC.-	-	P077	TP2BS-30	1		1		HPFFPU	70	131100 P001	002	1P	1P
093	PACS FW 1 Coil N . 2		PFC.-	-	P077	TP2BS-30	1		2		HPFFPU	70	131100 P001	017	1P	1P
081	PACS FW 1 Coil N . 2RTN		PFC.-	-	P077	TP2BS-30	1		2		HPFFPU	70	131100 P001	018	1P	1P
080	PACS FW 1 Coil N . SH077		PFC.-	-	P077	TP2BS-30	1			CS-P077	HPFFPU	70	131100 P001	003	1P	1P
-																
121	PACS FW 1 HP1N . I		PFH.-	-	P078	041SS-38	2				HPFFPU	70	131100 P001	019	2C	1P
114	PACS FW 1 HP1N . U		PFH.-	-	P078	041SS-38	2				HPFFPU	70	131100 P001	004		
113	PACS FW 1 HP1N . IRTN		PFH.-	-	P078	041SS-38	2				HPFFPU	70	131100 P001	020	1P	
103	PACS FW 1 HP1N . URTN		PFH.-	-	P078	041SS-38	2				HPFFPU	70	131100 P001	005		
091	PACS FW 1 HP1N . SH078		PFH.-	-	P078	041SS-38	2			CS-P078	HPFFPU	70	131100 P001	021	1P	1P
-																
127	PACS FW 1 HP2N . I		PFH.-	-	P079	041SS-38	3				HPFFPU	70	131100 P001	006	2C	1P
128	PACS FW 1 HP2N . U		PFH.-	-	P079	041SS-38	3				HPFFPU	70	131100 P001	022		
120	PACS FW 1 HP2N . IRTN		PFH.-	-	P079	041SS-38	3				HPFFPU	70	131100 P001	007	1P	
112	PACS FW 1 HP2N . URTN		PFH.-	-	P079	041SS-38	3				HPFFPU	70	131100 P001	023		
101	PACS FW 1 HP2N . SH079		PFH.-	-	P079	041SS-38	3			CS-P079	HPFFPU	70	131100 P001	008	1P	1P
-																
077	PACS FW 1 S N . 12I		PFS.-	-	P080	081SS-38	4				HPFFPU	70	131100 P001	024	2C	1P
078	PACS FW 1 S N . 1U		PFS.-	-	P080	081SS-38	4				HPFFPU	70	131100 P001	009		
079	PACS FW 1 S N . 2U		PFS.-	-	P080	081SS-38	4				HPFFPU	70	131100 P001	025		
068	PACS FW 1 S N . 12IRT		PFS.-	-	P080	081SS-38	4				HPFFPU	70	131100 P001	010		
088	PACS FW 1 S N . 34I		PFS.-	-	P080	081SS-38	4				HPFFPU	70	131100 P001	011	1P	
089	PACS FW 1 S N . 3U		PFS.-	-	P080	081SS-38	4				HPFFPU	70	131100 P001	027		
090	PACS FW 1 S N . 4U		PFS.-	-	P080	081SS-38	4				HPFFPU	70	131100 P001	012		
087	PACS FW 1 S N . 34IRT		PFS.-	-	P080	081SS-38	4				HPFFPU	70	131100 P001	028		
076	PACS FW 1 S N . SH080		PFS.-	-	P080	081SS-38	4			CS-P080	HPFFPU	70	131100 P001	026	1P	1P
-																
125	PACS FW 1 TS N . I		PFT.-	-	P081	041SS-38	5				HPFFPU	70	131100 P001	013	2C	1P
126	PACS FW 1 TS N . U		PFT.-	-	P081	041SS-38	5				HPFFPU	70	131100 P001	029		
118	PACS FW 1 TS N . IRTN		PFT.-	-	P081	041SS-38	5				HPFFPU	70	131100 P001	014	1P	
119	PACS FW 1 TS N . URTN		PFT.-	-	P081	041SS-38	5				HPFFPU	70	131100 P001	030		
111	PACS FW 1 TS N . SH081		PFT.-	-	P081	041SS-38	5			CS-P081	HPFFPU	70	131100 P001	015	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 211121 J007
CVVUCR

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	1P
035	PACS FW 2 Coil 1/2 No . 1		PFC.-	-	P087	TP2BS-30	6		3		HPFFPU	70	131100 P003	001	1P	1P
046	PACS FW 2 Coil 1/2 No . 1RTN		PFC.-	-	P087	TP2BS-30	6		3		HPFFPU	70	131100 P003	002	1P	1P
047	PACS FW 2 Coil 1/2 No . 2		PFC.-	-	P087	TP2BS-30	6		4		HPFFPU	70	131100 P003	017	1P	1P
058	PACS FW 2 Coil 1/2 No . 2RTN		PFC.-	-	P087	TP2BS-30	6		4		HPFFPU	70	131100 P003	018	1P	1P
057	PACS FW 2 Coil 1/2 No . SH087		PFC.-	-	P087	TP2BS-30	6			CS-P087	HPFFPU	70	131100 P003	003	1P	1P
-																
014	PACS FW 2 HP1N . I		PFH.-	-	P088	041SS-38	7				HPFFPU	70	131100 P003	019	2C	1P
024	PACS FW 2 HP1N . U		PFH.-	-	P088	041SS-38	7				HPFFPU	70	131100 P003	004		1P
023	PACS FW 2 HP1N . IRTN		PFH.-	-	P088	041SS-38	7				HPFFPU	70	131100 P003	020	1P	
034	PACS FW 2 HP1N . URTN		PFH.-	-	P088	041SS-38	7				HPFFPU	70	131100 P003	005		
045	PACS FW 2 HP1N . SH088		PFH.-	-	P088	041SS-38	7			CS-P088	HPFFPU	70	131100 P003	021	1P	1P
-																
006	PACS FW 2 HP2N . I		PFH.-	-	P089	041SS-38	8				HPFFPU	70	131100 P003	006	2C	1P
007	PACS FW 2 HP2N . U		PFH.-	-	P089	041SS-38	8				HPFFPU	70	131100 P003	022		
013	PACS FW 2 HP2N . IRTN		PFH.-	-	P089	041SS-38	8				HPFFPU	70	131100 P003	007	1P	
022	PACS FW 2 HP2N . URTN		PFH.-	-	P089	041SS-38	8				HPFFPU	70	131100 P003	023		
032	PACS FW 2 HP2N . SH089		PFH.-	-	P089	041SS-38	8			CS-P089	HPFFPU	70	131100 P003	008	1P	1P
-																
053	PACS FW 2 S N . 12I		PFS.-	-	P090	081SS-38	9				HPFFPU	70	131100 P003	024	2C	1P
054	PACS FW 2 S N . 1U		PFS.-	-	P090	081SS-38	9				HPFFPU	70	131100 P003	009		
055	PACS FW 2 S N . 2U		PFS.-	-	P090	081SS-38	9				HPFFPU	70	131100 P003	025		
056	PACS FW 2 S N . 12IRT		PFS.-	-	P090	081SS-38	9				HPFFPU	70	131100 P003	010	1P	
042	PACS FW 2 S N . 34I		PFS.-	-	P090	081SS-38	9				HPFFPU	70	131100 P003	011		
043	PACS FW 2 S N . 3U		PFS.-	-	P090	081SS-38	9				HPFFPU	70	131100 P003	027		
044	PACS FW 2 S N . 4U		PFS.-	-	P090	081SS-38	9				HPFFPU	70	131100 P003	012		
041	PACS FW 2 S N . 34IRT		PFS.-	-	P090	081SS-38	9				HPFFPU	70	131100 P003	028		
064	PACS FW 2 S N . SH090		PFS.-	-	P090	081SS-38	9			CS-P090	HPFFPU	70	131100 P003	026	1P	1P
-																
004	PACS FW 2 TS N . I		PFT.-	-	P091	041SS-38	10				HPFFPU	70	131100 P003	013	2C	1P
005	PACS FW 2 TS N . U		PFT.-	-	P091	041SS-38	10				HPFFPU	70	131100 P003	029		
011	PACS FW 2 TS N . IRTN		PFT.-	-	P091	041SS-38	10				HPFFPU	70	131100 P003	014	1P	
012	PACS FW 2 TS N . URTN		PFT.-	-	P091	041SS-38	10				HPFFPU	70	131100 P003	030		
021	PACS FW 2 TS N . SH091		PFT.-	-	P091	041SS-38	10			CS-P091	HPFFPU	70	131100 P003	015	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 211121 J007
CVVUCR

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
110	PACS Ch drv . A		PCD.-	-	P116	TP2BS-30	11	1116	5		HPFFPU	70	131100 P007	012	1P	1P
100	PACS Ch drv . ARTN		PCD.-	-	P116	TP2BS-30	11	1116	5		HPFFPU	70	131100 P007	013	1P	1P
109	PACS Ch drv . B		PCD.-	-	P116	TP2BS-30	11	1116	6		HPFFPU	70	131100 P007	028	1P	1P
099	PACS Ch drv . BRTN		PCD.-	-	P116	TP2BS-30	11	1116	6		HPFFPU	70	131100 P007	029	1P	1P
098	PACS Ch drv . SH116		PCD.-	-	P116	TP2BS-30	11	1116		CS-116	HPFFPU	70	131100 P007	027	1P	1P
-																
123	PACS Ch drv . Ar1		PCD.-	-	P116	TP2BS-30	12	1116a	7		HPFFPU	70	131100 P007	014	1P	1P
116	PACS Ch drv . Ar2		PCD.-	-	P116	TP2BS-30	12	1116a	7		HPFFPU	70	131100 P007	015	1P	1P
124	PACS Ch drv . Br1		PCD.-	-	P116	TP2BS-30	12	1116a	8		HPFFPU	70	131100 P007	030	1P	1P
117	PACS Ch drv . Br2		PCD.-	-	P116	TP2BS-30	12	1116a	8		HPFFPU	70	131100 P007	031	1P	1P
122	PACS Ch drv . S116a		PCD.-	-	P116	TP2BS-30	12	1116a		CS-116a	HPFFPU	70	131100 P007	016	1P	1P
-																
106	PACS Ch pos 1 . drv		PCP.-	-	P113	081SS-38	13				HPFFPU	70	131100 P007	002	2C	2C
106	PACS Ch pos 1 . drv		PCP.-	-	P113	081SS-38	13				HPFFPU	70	131100 P007	002	2C	2C
107	PACS Ch pos 1 . drsen		PCP.-	-	P113	081SS-38	13				HPFFPU	70	131100 P007	018	2C	1P
095	PACS Ch pos 1 . drRT		PCP.-	-	P113	081SS-38	13				HPFFPU	70	131100 P007	003	2C	2C
095	PACS Ch pos 1 . drRT		PCP.-	-	P113	081SS-38	13				HPFFPU	70	131100 P007	003	2C	2C
096	PACS Ch pos 1 . dseRT		PCP.-	-	P113	081SS-38	13				HPFFPU	70	131100 P007	019		
108	PACS Ch pos 1 . outA		PCP.-	-	P113	081SS-38	13				HPFFPU	70	131100 P007	004	1P	
097	PACS Ch pos 1 . outB		PCP.-	-	P113	081SS-38	13				HPFFPU	70	131100 P007	020		
105	PACS Ch pos 1 . SH113		PCP.-	-	P113	081SS-38	13			CS-P113	HPFFPU	70	131100 P007	017	1P	1P
-																
084	PACS Ch pos 2 . drv		PCP.-	-	P114	081SS-38	14				HPFFPU	70	131100 P007	006	2C	2C
084	PACS Ch pos 2 . drv		PCP.-	-	P114	081SS-38	14				HPFFPU	70	131100 P007	006	2C	2C
085	PACS Ch pos 2 . drsen		PCP.-	-	P114	081SS-38	14				HPFFPU	70	131100 P007	022	2C	1P
073	PACS Ch pos 2 . drRT		PCP.-	-	P114	081SS-38	14				HPFFPU	70	131100 P007	007	2C	2C
073	PACS Ch pos 2 . drRT		PCP.-	-	P114	081SS-38	14				HPFFPU	70	131100 P007	007	2C	2C
074	PACS Ch pos 2 . dseRT		PCP.-	-	P114	081SS-38	14				HPFFPU	70	131100 P007	023		
086	PACS Ch pos 2 . outA		PCP.-	-	P114	081SS-38	14				HPFFPU	70	131100 P007	008	1P	
075	PACS Ch pos 2 . outB		PCP.-	-	P114	081SS-38	14				HPFFPU	70	131100 P007	024		
072	PACS Ch pos 2 . SH114		PCP.-	-	P114	081SS-38	14			CS-P114	HPFFPU	70	131100 P007	021	1P	1P
-																
062	PACS Ch tsens . drv		PCT.-	-	P115	041SS-38	15				HPFFPU	70	131100 P007	009	2C	1P
063	PACS Ch tsens . sens		PCT.-	-	P115	041SS-38	15				HPFFPU	70	131100 P007	025		

Pin Allocation List

(Harness)

Connector: 211121 J007
CVVUCR

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											
051	PACS Ch tsens . drvRT		PCT.-	-	P115	041SS-38	15				HPFPU	70	131100 P007	010	1P
052	PACS Ch tsens . senRT		PCT.-	-	P115	041SS-38	15				HPFPU	70	131100 P007	026	
050	PACS Ch tsens . SH115		PCT.-	-	P115	041SS-38	15			CS-P115	HPFPU	70	131100 P007	011	1P 1P
-															
028	PACS TS red . 3drv		PTS.-	-	P124	081SS-38	16				HPFPU	70	131100 P009	001	2C 1P
018	PACS TS red . 3sens		PTS.-	-	P124	081SS-38	16				HPFPU	70	131100 P009	006	
017	PACS TS red . 3drRT		PTS.-	-	P124	081SS-38	16				HPFPU	70	131100 P009	002	
009	PACS TS red . 3seRT		PTS.-	-	P124	081SS-38	16				HPFPU	70	131100 P009	007	
001	PACS TS red . 4sens		PTS.-	-	P124	081SS-38	16				HPFPU	70	131100 P009	008	1P
010	PACS TS red . 4drv		PTS.-	-	P124	081SS-38	16				HPFPU	70	131100 P009	004	
002	PACS TS red . 4seRT		PTS.-	-	P124	081SS-38	16				HPFPU	70	131100 P009	009	
003	PACS TS red . 4drRT		PTS.-	-	P124	081SS-38	16				HPFPU	70	131100 P009	005	
008	PACS TS red . SH124		PTS.-	-	P124	081SS-38	16			CS-P124	HPFPU	70	131100 P009	003	1P 1P

Pin Allocation List

(Harness)

Connector: 131100 P002
HPFPU

Function / Bundle: FPU to MEC SIH-XP-14 (82-86)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-SS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FW 1 Coil R . 1R		PFC.-	-	P082	TP2BS-30	1		1		CVWUCR	33	211121 J003	121	1P	1P
002	PACS FW 1 Coil R . 1RRTN		PFC.-	-	P082	TP2BS-30	1		1		CVWUCR	33	211121 J003	113	1P	1P
017	PACS FW 1 Coil R . 2R		PFC.-	-	P082	TP2BS-30	1		2		CVWUCR	33	211121 J003	114	1P	1P
018	PACS FW 1 Coil R . 2RRTN		PFC.-	-	P082	TP2BS-30	1		2		CVWUCR	33	211121 J003	103	1P	1P
003	PACS FW 1 Coil R . SH082		PFC.-	-	P082	TP2BS-30	1			CS- P082	CVWUCR	33	211121 J003	102	1P	1P
-																
019	PACS FW 1 HP1R . I		PFH.-	-	P083	041SS-38	2				CVWUCR	33	211121 J003	127	1P	1P
004	PACS FW 1 HP1R . U		PFH.-	-	P083	041SS-38	2				CVWUCR	33	211121 J003	128		1P
020	PACS FW 1 HP1R . IRTN		PFH.-	-	P083	041SS-38	2				CVWUCR	33	211121 J003	120		1P
005	PACS FW 1 HP1R . URTN		PFH.-	-	P083	041SS-38	2				CVWUCR	33	211121 J003	112		1P
021	PACS FW 1 HP1R . SH083		PFH.-	-	P083	041SS-38	2			CS-P083	CVWUCR	33	211121 J003	111	1P	1P
-																
006	PACS FW 1 HP2R . I		PFH.-	-	P084	041SS-38	3				CVWUCR	33	211121 J003	125	1P	1P
022	PACS FW 1 HP2R . U		PFH.-	-	P084	041SS-38	3				CVWUCR	33	211121 J003	126		1P
007	PACS FW 1 HP2R . IRTN		PFH.-	-	P084	041SS-38	3				CVWUCR	33	211121 J003	118		1P
023	PACS FW 1 HP2R . URTN		PFH.-	-	P084	041SS-38	3				CVWUCR	33	211121 J003	119		1P
008	PACS FW 1 HP2R . SH084		PFH.-	-	P084	041SS-38	3			CS-P084	CVWUCR	33	211121 J003	110	1P	1P
-																
024	PACS FW 1 S R . 12I		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 J003	079	1P	1P
009	PACS FW 1 S R . 1U		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 J003	080		1P
025	PACS FW 1 S R . 2U		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 J003	081		1P
010	PACS FW 1 S R . 12IRT		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 J003	078		1P
011	PACS FW 1 S R . 34I		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 J003	090		1P
027	PACS FW 1 S R . 3U		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 J003	091		1P
012	PACS FW 1 S R . 4U		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 J003	092		1P
028	PACS FW 1 S R . 34IRT		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 J003	093		1P
026	PACS FW 1 S R . SH085		PFS.-	-	P085	081SS-38	4			CS-P085	CVWUCR	33	211121 J003	101	1P	1P
-																
013	PACS FW 1 TS R . I		PFT.-	-	P086	041SS-38	5				CVWUCR	33	211121 J003	123	1P	1P
029	PACS FW 1 TS R . U		PFT.-	-	P086	041SS-38	5				CVWUCR	33	211121 J003	124		1P
014	PACS FW 1 TS R . IRTN		PFT.-	-	P086	041SS-38	5				CVWUCR	33	211121 J003	116		1P
030	PACS FW 1 TS R . URTN		PFT.-	-	P086	041SS-38	5				CVWUCR	33	211121 J003	117		1P
015	PACS FW 1 TS R . SH086		PFT.-	-	P086	041SS-38	5			CS-P086	CVWUCR	33	211121 J003	109	1P	1P
031	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 142 (of 464)

Connector: 131100 P002
HPFPU

Function / Bundle: FPU to MEC SIH-XP-14 (82-86)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-SS-17E-01

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

Pin Allocation List

(Harness)

Connector: 131100 P004
HPFPU

Function / Bundle: FPU to MECSIH-XP-14 (92-96)

Conn.-Type: MWDM2L-31P-6C3-.630
Backshell: BS-SS-17E-01

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FW 2 Coil 1/2 Re . 1		PFC.-	-	P092	TP2BS-30	92		1		CVWUCR	33	211121 J003	047	1P	1P
002	PACS FW 2 Coil 1/2 Re . 1RTN		PFC.-	-	P092	TP2BS-30	92		1		CVWUCR	33	211121 J003	046	1P	1P
017	PACS FW 2 Coil 1/2 Re . 2		PFC.-	-	P092	TP2BS-30	92		2		CVWUCR	33	211121 J003	035	1P	1P
018	PACS FW 2 Coil 1/2 Re . 2RTN		PFC.-	-	P092	TP2BS-30	92		2		CVWUCR	33	211121 J003	034	1P	1P
003	PACS FW 2 Coil 1/2 Re . SH092		PFC.-	-	P092	TP2BS-30	92			CS-P092	CVWUCR	33	211121 J003	023	1P	1P
-																
019	PACS FW 2 HP1R . I		PFH.-	-	P093	041SS-38	93				CVWUCR	33	211121 J003	006	1P	1P
004	PACS FW 2 HP1R . U		PFH.-	-	P093	041SS-38	93				CVWUCR	33	211121 J003	014		1P
020	PACS FW 2 HP1R . IRTN		PFH.-	-	P093	041SS-38	93				CVWUCR	33	211121 J003	007		1P
005	PACS FW 2 HP1R . URTN		PFH.-	-	P093	041SS-38	93				CVWUCR	33	211121 J003	024		1P
021	PACS FW 2 HP1R . SH093		PFH.-	-	P093	041SS-38	93			CS-P093	CVWUCR	33	211121 J003	005	1P	1P
-																
006	PACS FW 2 HP2R . I		PFH.-	-	P094	041SS-38	94				CVWUCR	33	211121 J003	044	1P	1P
022	PACS FW 2 HP2R . U		PFH.-	-	P094	041SS-38	94				CVWUCR	33	211121 J003	045		1P
007	PACS FW 2 HP2R . IRTN		PFH.-	-	P094	041SS-38	94				CVWUCR	33	211121 J003	032		1P
023	PACS FW 2 HP2R . URTN		PFH.-	-	P094	041SS-38	94				CVWUCR	33	211121 J003	033		1P
008	PACS FW 2 HP2R . SH094		PFH.-	-	P094	041SS-38	94			CS-P094	CVWUCR	33	211121 J003	043	1P	1P
-																
024	PACS FW 2 S R . 12I		PFS.-	-	P095	081SS-38	95				CVWUCR	33	211121 J003	067	1P	1P
009	PACS FW 2 S R . 1U		PFS.-	-	P095	081SS-38	95				CVWUCR	33	211121 J003	068		1P
025	PACS FW 2 S R . 2U		PFS.-	-	P095	081SS-38	95				CVWUCR	33	211121 J003	069		1P
010	PACS FW 2 S R . 12IRT		PFS.-	-	P095	081SS-38	95				CVWUCR	33	211121 J003	070		1P
011	PACS FW 2 S R . 34I		PFS.-	-	P095	081SS-38	95				CVWUCR	33	211121 J003	058		1P
027	PACS FW 2 S R . 3U		PFS.-	-	P095	081SS-38	95				CVWUCR	33	211121 J003	057		1P
012	PACS FW 2 S R . 4U		PFS.-	-	P095	081SS-38	95				CVWUCR	33	211121 J003	056		1P
028	PACS FW 2 S R . 34IRT		PFS.-	-	P095	081SS-38	95				CVWUCR	33	211121 J003	055		1P
026	PACS FW 2 S R . SH095		PFS.-	-	P095	081SS-38	95			CS-P095	CVWUCR	33	211121 J003	066	1P	1P
-																
013	PACS FW 2 TS R . I		PFT.-	-	P096	041SS-38	96				CVWUCR	33	211121 J003	021	1P	1P
029	PACS FW 2 TS R . U		PFT.-	-	P096	041SS-38	96				CVWUCR	33	211121 J003	022		1P
014	PACS FW 2 TS R . IRTN		PFT.-	-	P096	041SS-38	96				CVWUCR	33	211121 J003	012		1P
030	PACS FW 2 TS R . URTN		PFT.-	-	P096	041SS-38	96				CVWUCR	33	211121 J003	013		1P
015	PACS FW 2 TS R . SH096		PFT.-	-	P096	041SS-38	96			CS-P096	CVWUCR	33	211121 J003	031	1P	1P
031	NC															

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 144 (of 464)

Connector: 131100 P004
HPFPU

Function / Bundle: FPU to MECSIH-XP-14 (92-96)

Conn.-Type: MWDM2L-31P-6C3-.630

Backshell: BS-SS-17E-01

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

Pin Allocation List

(Harness)

Connector: 131100 P006
HPFPU

Function / Bundle: FPU to MECSIH-XP-14 (120-122)

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.											1P	1P
009	PACS Cal BB1red . sens		PAD.-	-	P120	TP2BS-30	20		1		CVWUCR	33	211121 J003	099	1P	1P
010	PACS Cal BB1red . senRT		PAD.-	-	P120	TP2BS-30	20		1		CVWUCR	33	211121 J003	087	1P	1P
002	PACS Cal BB1red . drv		PAD.-	-	P120	TP2BS-30	20		2		CVWUCR	33	211121 J003	100	1P	1P
003	PACS Cal BB1red . drvRT		PAD.-	-	P120	TP2BS-30	20		2		CVWUCR	33	211121 J003	088	1P	1P
001	PACS Cal BB1red . SH120		PAD.-	-	P120	TP2BS-30	20			CS-P120	CVWUCR	33	211121 J003	076	1P	1P
-																
004	PACS Cal BB2 red . drv		PAD.-	-	P121	TP2BS-30	21		3		CVWUCR	33	211121 J003	098	1P	1P
005	PACS Cal BB2 red . drvRT		PAD.-	-	P121	TP2BS-30	21		3		CVWUCR	33	211121 J003	086	1P	1P
012	PACS Cal BB2 red . sens		PAD.-	-	P121	TP2BS-30	21		4		CVWUCR	33	211121 J003	097	1P	1P
013	PACS Cal BB2 red . senRT		PAD.-	-	P121	TP2BS-30	21		4		CVWUCR	33	211121 J003	085	1P	1P
011	PACS Cal BB2 red . SH121		PAD.-	-	P121	TP2BS-30	21			CS-P121	CVWUCR	33	211121 J003	108	1P	1P
-																
006	PACS Cal BB2 tsens . drv		PAT.-	-	P122	041SS-38	22				CVWUCR	33	211121 J003	107	1P	1P
014	PACS Cal BB2 tsens . drvRT		PAT.-	-	P122	041SS-38	22				CVWUCR	33	211121 J003	096		1P
007	PACS Cal BB2 tsens . sens		PAT.-	-	P122	041SS-38	22				CVWUCR	33	211121 J003	106		1P
015	PACS Cal BB2 tsens . senRT		PAT.-	-	P122	041SS-38	22				CVWUCR	33	211121 J003	095		1P
008	PACS Cal BB2 tsens . SH122		PAT.-	-	P122	041SS-38	22			CS-P122	CVWUCR	33	211121 J003	122	1P	1P
-																

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 146 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P042
HPFPU

Function / Bundle: FPU to MEC SIH-XP-14 (105-107)

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.											
001	PACS Gdrv Coil LL Red . 1r	PGC.-	-		P105	TP3BS-30	5		1		CVWUCR	33	211121 J003	063	1P 1P
002	PACS Gdrv Coil LL Red . 1rrtn	PGC.-	-		P105	TP3BS-30	5		1		CVWUCR	33	211121 J003	051	1P 1P
012	PACS Gdrv Coil LL Red . 2r	PGC.-	-		P105	TP3BS-30	5		2		CVWUCR	33	211121 J003	064	1P 1P
013	PACS Gdrv Coil LL Red . 2rrtn	PGC.-	-		P105	TP3BS-30	5		2		CVWUCR	33	211121 J003	052	1P 1P
014	PACS Gdrv Coil LL Red . drv	PGC.-	-		P105	TP3BS-30	5		3		CVWUCR	33	211121 J003	065	1P 1P
015	PACS Gdrv Coil LL Red . drrtn	PGC.-	-		P105	TP3BS-30	5		3		CVWUCR	33	211121 J003	053	1P 1P
003	PACS Gdrv Coil LL Red . SH105	PGC.-	-		P105	TP3BS-30	5			CS-P105	CVWUCR	33	211121 J003	062	1P 1P
-															
016	PACS Gdrv Switch Red . drv1	PGS.-	-		P106	081SS-38	6				CVWUCR	33	211121 J003	039	1P 1P
006	PACS Gdrv Switch Red . drv2	PGS.-	-		P106	081SS-38	6				CVWUCR	33	211121 J003	027	1P
017	PACS Gdrv Switch Red . drrt1	PGS.-	-		P106	081SS-38	6				CVWUCR	33	211121 J003	040	1P
007	PACS Gdrv Switch Red . drrt2	PGS.-	-		P106	081SS-38	6				CVWUCR	33	211121 J003	028	1P
008	PACS Gdrv Switch Red . LLp	PGS.-	-		P106	081SS-38	6				CVWUCR	33	211121 J003	041	1P
019	PACS Gdrv Switch Red . LL+	PGS.-	-		P106	081SS-38	6				CVWUCR	33	211121 J003	029	1P
009	PACS Gdrv Switch Red . LL-	PGS.-	-		P106	081SS-38	6				CVWUCR	33	211121 J003	042	1P
020	PACS Gdrv Switch Red . LLrtn	PGS.-	-		P106	081SS-38	6				CVWUCR	33	211121 J003	030	1P
018	PACS Gdrv Switch Red . SH106	PGS.-	-		P106	081SS-38	6			CS-P106	CVWUCR	33	211121 J003	054	1P 1P
-															
010	PACS Gsensdrv Red . drv	PGD.-	-		P107	021BS-30	7				CVWUCR	33	211121 J003	073	1P 1P
011	PACS Gsensdrv Red . drrtn	PGD.-	-		P107	021BS-30	7				CVWUCR	33	211121 J003	061	1P
021	PACS Gsensdrv Red . SH107	PGD.-	-		P107	021BS-30	7			CS-P107	CVWUCR	33	211121 J003	050	1P 1P
004	NC														
005	NC														

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 148 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List (Harness)

Connector: 131100 P043
HPFPU

Function / Bundle: FPU to MEC SIH-XP-14 (108-112)

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.											1P	2C
001	PACS Gsens 1 Red . dr1rs		PGH.-	-	P108	061SS-38	8				CVWUCR	33	211121 J003	083	1P	1P
012	PACS Gsens 1 Red . drv1r		PGH.-	-	P108	061SS-38	8				CVWUCR	33	211121 J003	071	2C	1P
012	PACS Gsens 1 Red . drv1r		PGH.-	-	P108	061SS-38	8				CVWUCR	33	211121 J003	071	2C	1P
002	PACS Gsens 1 Red . d1rsr		PGH.-	-	P108	061SS-38	8				CVWUCR	33	211121 J003	072		1P
013	PACS Gsens 1 Red . d1rrt		PGH.-	-	P108	061SS-38	8				CVWUCR	33	211121 J003	060	2C	1P
013	PACS Gsens 1 Red . d1rrt		PGH.-	-	P108	061SS-38	8				CVWUCR	33	211121 J003	060	2C	1P
003	PACS Gsens 1 Red . SH108		PGH.-	-	P108	061SS-38	8			CS-P108	CVWUCR	33	211121 J003	082	1P	1P
-																
014	PACS Gsens 2 Red . dr2rs		PGH.-	-	P109	061SS-38	9				CVWUCR	33	211121 J003	026	1P	1P
004	PACS Gsens 2 Red . drv2r		PGH.-	-	P109	061SS-38	9				CVWUCR	33	211121 J003	015	2C	1P
004	PACS Gsens 2 Red . drv2r		PGH.-	-	P109	061SS-38	9				CVWUCR	33	211121 J003	015	2C	1P
015	PACS Gsens 2 Red . d2rsr		PGH.-	-	P109	061SS-38	9				CVWUCR	33	211121 J003	016		1P
005	PACS Gsens 2 Red . d2rrt		PGH.-	-	P109	061SS-38	9				CVWUCR	33	211121 J003	008	2C	1P
005	PACS Gsens 2 Red . d2rrt		PGH.-	-	P109	061SS-38	9				CVWUCR	33	211121 J003	008	2C	1P
016	PACS Gsens 2 Red . SH109		PGH.-	-	P109	061SS-38	9			CS-P109	CVWUCR	33	211121 J003	001	1P	1P
-																
006	PACS Gsens sin Red . sin		PGI.-	-	P110	021SS-38	10				CVWUCR	33	211121 J003	036	1P	1P
007	PACS Gsens sin Red . sinrt		PGI.-	-	P110	021SS-38	10				CVWUCR	33	211121 J003	025		1P
017	PACS Gsens sin Red . SH110		PGI.-	-	P110	021SS-38	10			CS-P110	CVWUCR	33	211121 J003	048	1P	1P
-																
018	PACS Gsens cos Red . cos		PGO.-	-	P111	021SS-38	11				CVWUCR	33	211121 J003	049	1P	1P
019	PACS Gsens cos Red . cosrt		PGO.-	-	P111	021SS-38	11				CVWUCR	33	211121 J003	037		1P
008	PACS Gsens cos Red . SH111		PGO.-	-	P111	021SS-38	11			CS- P111	CVWUCR	33	211121 J003	038	1P	1P
-																
009	PACS Gtsens Red . drv		PGT.-	-	P112	041SS-38	12				CVWUCR	33	211121 J003	009	1P	1P
020	PACS Gtsens Red . rs		PGT.-	-	P112	041SS-38	12				CVWUCR	33	211121 J003	003		1P
010	PACS Gtsens Red . drvrt		PGT.-	-	P112	041SS-38	12				CVWUCR	33	211121 J003	002		1P
021	PACS Gtsens Red . srtn		PGT.-	-	P112	041SS-38	12				CVWUCR	33	211121 J003	004		1P
011	PACS Gtsens Red . SH112		PGT.-	-	P112	041SS-38	12			CS- P112	CVWUCR	33	211121 J003	017	1P	1P
-																

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 150 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 J003
CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	1P
121	PACS FW 1 Coil R . 1R		PFC.-	-	P082	TP2BS-30	1		1		HPFFPU	70	131100 P002	001	1P	1P
113	PACS FW 1 Coil R . 1RRTN		PFC.-	-	P082	TP2BS-30	1		1		HPFFPU	70	131100 P002	002	1P	1P
114	PACS FW 1 Coil R . 2R		PFC.-	-	P082	TP2BS-30	1		2		HPFFPU	70	131100 P002	017	1P	1P
103	PACS FW 1 Coil R . 2RRTN		PFC.-	-	P082	TP2BS-30	1		2		HPFFPU	70	131100 P002	018	1P	1P
102	PACS FW 1 Coil R . SH082		PFC.-	-	P082	TP2BS-30	1			CS-P082	HPFFPU	70	131100 P002	003	1P	1P
-																
127	PACS FW 1 HP1R . I		PFH.-	-	P083	041SS-38	2				HPFFPU	70	131100 P002	019	1P	1P
128	PACS FW 1 HP1R . U		PFH.-	-	P083	041SS-38	2				HPFFPU	70	131100 P002	004	1P	
120	PACS FW 1 HP1R . IRTN		PFH.-	-	P083	041SS-38	2				HPFFPU	70	131100 P002	020	1P	
112	PACS FW 1 HP1R . URTN		PFH.-	-	P083	041SS-38	2				HPFFPU	70	131100 P002	005	1P	
111	PACS FW 1 HP1R . SH083		PFH.-	-	P083	041SS-38	2			CS-P083	HPFFPU	70	131100 P002	021	1P	1P
-																
125	PACS FW 1 HP2R . I		PFH.-	-	P084	041SS-38	3				HPFFPU	70	131100 P002	006	1P	1P
126	PACS FW 1 HP2R . U		PFH.-	-	P084	041SS-38	3				HPFFPU	70	131100 P002	022	1P	
118	PACS FW 1 HP2R . IRTN		PFH.-	-	P084	041SS-38	3				HPFFPU	70	131100 P002	007	1P	
119	PACS FW 1 HP2R . URTN		PFH.-	-	P084	041SS-38	3				HPFFPU	70	131100 P002	023	1P	
110	PACS FW 1 HP2R . SH084		PFH.-	-	P084	041SS-38	3			CS-P084	HPFFPU	70	131100 P002	008	1P	1P
-																
079	PACS FW 1 S R . 12I		PFS.-	-	P085	081SS-38	4				HPFFPU	70	131100 P002	024	1P	1P
080	PACS FW 1 S R . 1U		PFS.-	-	P085	081SS-38	4				HPFFPU	70	131100 P002	009	1P	
081	PACS FW 1 S R . 2U		PFS.-	-	P085	081SS-38	4				HPFFPU	70	131100 P002	025	1P	
078	PACS FW 1 S R . 12IRT		PFS.-	-	P085	081SS-38	4				HPFFPU	70	131100 P002	010	1P	
090	PACS FW 1 S R . 34I		PFS.-	-	P085	081SS-38	4				HPFFPU	70	131100 P002	011	1P	
091	PACS FW 1 S R . 3U		PFS.-	-	P085	081SS-38	4				HPFFPU	70	131100 P002	027	1P	
092	PACS FW 1 S R . 4U		PFS.-	-	P085	081SS-38	4				HPFFPU	70	131100 P002	012	1P	
093	PACS FW 1 S R . 34IRT		PFS.-	-	P085	081SS-38	4				HPFFPU	70	131100 P002	028	1P	
101	PACS FW 1 S R . SH085		PFS.-	-	P085	081SS-38	4			CS-P085	HPFFPU	70	131100 P002	026	1P	1P
-																
123	PACS FW 1 TS R . I		PFT.-	-	P086	041SS-38	5				HPFFPU	70	131100 P002	013	1P	1P
124	PACS FW 1 TS R . U		PFT.-	-	P086	041SS-38	5				HPFFPU	70	131100 P002	029	1P	
116	PACS FW 1 TS R . IRTN		PFT.-	-	P086	041SS-38	5				HPFFPU	70	131100 P002	014	1P	
117	PACS FW 1 TS R . URTN		PFT.-	-	P086	041SS-38	5				HPFFPU	70	131100 P002	030	1P	
109	PACS FW 1 TS R . SH086		PFT.-	-	P086	041SS-38	5			CS-P086	HPFFPU	70	131100 P002	015	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 211121 J003
 CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	1P
047	PACS FW 2 Coil 1/2 Re . 1		PFC.- -		P092	TP2BS-30	6		3		HPFFPU	70	131100 P004	001	1P	1P
046	PACS FW 2 Coil 1/2 Re . 1RTN		PFC.- -		P092	TP2BS-30	6		3		HPFFPU	70	131100 P004	002	1P	1P
035	PACS FW 2 Coil 1/2 Re . 2		PFC.- -		P092	TP2BS-30	6		4		HPFFPU	70	131100 P004	017	1P	1P
034	PACS FW 2 Coil 1/2 Re . 2RTN		PFC.- -		P092	TP2BS-30	6		4		HPFFPU	70	131100 P004	018	1P	1P
023	PACS FW 2 Coil 1/2 Re . SH092		PFC.- -		P092	TP2BS-30	6			CS-P092	HPFFPU	70	131100 P004	003	1P	1P
-																
006	PACS FW 2 HP1R . I		PFH.- -		P093	041SS-38	7				HPFFPU	70	131100 P004	019	1P	1P
014	PACS FW 2 HP1R . U		PFH.- -		P093	041SS-38	7				HPFFPU	70	131100 P004	004	1P	
007	PACS FW 2 HP1R . IRTN		PFH.- -		P093	041SS-38	7				HPFFPU	70	131100 P004	020	1P	
024	PACS FW 2 HP1R . URTN		PFH.- -		P093	041SS-38	7				HPFFPU	70	131100 P004	005	1P	
005	PACS FW 2 HP1R . SH093		PFH.- -		P093	041SS-38	7			CS-P093	HPFFPU	70	131100 P004	021	1P	1P
-																
044	PACS FW 2 HP2R . I		PFH.- -		P094	041SS-38	8				HPFFPU	70	131100 P004	006	1P	1P
045	PACS FW 2 HP2R . U		PFH.- -		P094	041SS-38	8				HPFFPU	70	131100 P004	022	1P	
032	PACS FW 2 HP2R . IRTN		PFH.- -		P094	041SS-38	8				HPFFPU	70	131100 P004	007	1P	
033	PACS FW 2 HP2R . URTN		PFH.- -		P094	041SS-38	8				HPFFPU	70	131100 P004	023	1P	
043	PACS FW 2 HP2R . SH094		PFH.- -		P094	041SS-38	8			CS-P094	HPFFPU	70	131100 P004	008	1P	1P
-																
067	PACS FW 2 S R . 12I		PFS.- -		P095	081SS-38	9				HPFFPU	70	131100 P004	024	1P	1P
068	PACS FW 2 S R . 1U		PFS.- -		P095	081SS-38	9				HPFFPU	70	131100 P004	009	1P	
069	PACS FW 2 S R . 2U		PFS.- -		P095	081SS-38	9				HPFFPU	70	131100 P004	025	1P	
070	PACS FW 2 S R . 12IRT		PFS.- -		P095	081SS-38	9				HPFFPU	70	131100 P004	010	1P	
058	PACS FW 2 S R . 34I		PFS.- -		P095	081SS-38	9				HPFFPU	70	131100 P004	011	1P	
057	PACS FW 2 S R . 3U		PFS.- -		P095	081SS-38	9				HPFFPU	70	131100 P004	027	1P	
056	PACS FW 2 S R . 4U		PFS.- -		P095	081SS-38	9				HPFFPU	70	131100 P004	012	1P	
055	PACS FW 2 S R . 34IRT		PFS.- -		P095	081SS-38	9				HPFFPU	70	131100 P004	028	1P	
066	PACS FW 2 S R . SH095		PFS.- -		P095	081SS-38	9			CS-P095	HPFFPU	70	131100 P004	026	1P	1P
-																
021	PACS FW 2 TS R . I		PFT.- -		P096	041SS-38	10				HPFFPU	70	131100 P004	013	1P	1P
022	PACS FW 2 TS R . U		PFT.- -		P096	041SS-38	10				HPFFPU	70	131100 P004	029	1P	
012	PACS FW 2 TS R . IRTN		PFT.- -		P096	041SS-38	10				HPFFPU	70	131100 P004	014	1P	
013	PACS FW 2 TS R . URTN		PFT.- -		P096	041SS-38	10				HPFFPU	70	131100 P004	030	1P	
031	PACS FW 2 TS R . SH096		PFT.- -		P096	041SS-38	10			CS-P096	HPFFPU	70	131100 P004	015	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 211121 J003
 CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	1P
099	PACS Cal BB1red . sens		PAD.-	-	P120	TP2BS-30	11		5		HPFFPU	70	131100 P006	009	1P	1P
087	PACS Cal BB1red . senRT		PAD.-	-	P120	TP2BS-30	11		5		HPFFPU	70	131100 P006	010	1P	1P
100	PACS Cal BB1red . drv		PAD.-	-	P120	TP2BS-30	11		6		HPFFPU	70	131100 P006	002	1P	1P
088	PACS Cal BB1red . drvRT		PAD.-	-	P120	TP2BS-30	11		6		HPFFPU	70	131100 P006	003	1P	1P
076	PACS Cal BB1red . SH120		PAD.-	-	P120	TP2BS-30	11			CS-P120	HPFFPU	70	131100 P006	001	1P	1P
-																
097	PACS Cal BB2 red . sens		PAD.-	-	P121	TP2BS-30	12		7		HPFFPU	70	131100 P006	012	1P	1P
085	PACS Cal BB2 red . senRT		PAD.-	-	P121	TP2BS-30	12		7		HPFFPU	70	131100 P006	013	1P	1P
098	PACS Cal BB2 red . drv		PAD.-	-	P121	TP2BS-30	12		8		HPFFPU	70	131100 P006	004	1P	1P
086	PACS Cal BB2 red . drvRT		PAD.-	-	P121	TP2BS-30	12		8		HPFFPU	70	131100 P006	005	1P	1P
108	PACS Cal BB2 red . SH121		PAD.-	-	P121	TP2BS-30	12			CS-P121	HPFFPU	70	131100 P006	011	1P	1P
-																
106	PACS Cal BB2 tsens . sens		PAT.-	-	P122	041SS-38	13				HPFFPU	70	131100 P006	007	1P	
107	PACS Cal BB2 tsens . drv		PAT.-	-	P122	041SS-38	13				HPFFPU	70	131100 P006	006	1P	1P
095	PACS Cal BB2 tsens . senRT		PAT.-	-	P122	041SS-38	13				HPFFPU	70	131100 P006	015	1P	
096	PACS Cal BB2 tsens . drvRT		PAT.-	-	P122	041SS-38	13				HPFFPU	70	131100 P006	014	1P	
122	PACS Cal BB2 tsens . SH122		PAT.-	-	P122	041SS-38	13			CS-P122	HPFFPU	70	131100 P006	008	1P	1P
-																
063	PACS Gdrv Coil LL Red . 1r		PGC.-	-	P105	TP3BS-30	14		9		HPFFPU	70	131100 P042	001	1P	1P
051	PACS Gdrv Coil LL Red . 1rrtn		PGC.-	-	P105	TP3BS-30	14		9		HPFFPU	70	131100 P042	002	1P	1P
064	PACS Gdrv Coil LL Red . 2r		PGC.-	-	P105	TP3BS-30	14		A		HPFFPU	70	131100 P042	012	1P	1P
052	PACS Gdrv Coil LL Red . 2rrtn		PGC.-	-	P105	TP3BS-30	14		A		HPFFPU	70	131100 P042	013	1P	1P
065	PACS Gdrv Coil LL Red . drv		PGC.-	-	P105	TP3BS-30	14		B		HPFFPU	70	131100 P042	014	1P	1P
053	PACS Gdrv Coil LL Red . drrtn		PGC.-	-	P105	TP3BS-30	14		B		HPFFPU	70	131100 P042	015	1P	1P
062	PACS Gdrv Coil LL Red . SH105		PGC.-	-	P105	TP3BS-30	14			CS-P105	HPFFPU	70	131100 P042	003	1P	1P
-																
039	PACS Gdrv Switch Red . drv1		PGS.-	-	P106	081SS-38	15				HPFFPU	70	131100 P042	016	1P	1P
027	PACS Gdrv Switch Red . drv2		PGS.-	-	P106	081SS-38	15				HPFFPU	70	131100 P042	006	1P	
040	PACS Gdrv Switch Red . drrt1		PGS.-	-	P106	081SS-38	15				HPFFPU	70	131100 P042	017	1P	
028	PACS Gdrv Switch Red . drrt2		PGS.-	-	P106	081SS-38	15				HPFFPU	70	131100 P042	007	1P	
041	PACS Gdrv Switch Red . LLp		PGS.-	-	P106	081SS-38	15				HPFFPU	70	131100 P042	008	1P	
029	PACS Gdrv Switch Red . LL+		PGS.-	-	P106	081SS-38	15				HPFFPU	70	131100 P042	019	1P	
042	PACS Gdrv Switch Red . LL-		PGS.-	-	P106	081SS-38	15				HPFFPU	70	131100 P042	009	1P	
030	PACS Gdrv Switch Red . LLrtn		PGS.-	-	P106	081SS-38	15				HPFFPU	70	131100 P042	020	1P	

Pin Allocation List

(Harness)

Connector: 211121 J003
CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2P
054	PACS Gdrv Switch Red . SH106		PGS.-	-	P106	081SS-38	15			CS-P106	HPFFPU	70	131100 P042	018	1P	1P
-																
073	PACS Gsensdrv Red . drv		PGD.-	-	P107	021BS-30	16				HPFFPU	70	131100 P042	010	1P	1P
061	PACS Gsensdrv Red . drrtn		PGD.-	-	P107	021BS-30	16				HPFFPU	70	131100 P042	011	1P	
050	PACS Gsensdrv Red . SH107		PGD.-	-	P107	021BS-30	16			CS-P107	HPFFPU	70	131100 P042	021	1P	1P
-																
083	PACS Gsens 1 Red . dr1rs		PGH.-	-	P108	061SS-38	17				HPFFPU	70	131100 P043	001	1P	1P
071	PACS Gsens 1 Red . drv1r		PGH.-	-	P108	061SS-38	17				HPFFPU	70	131100 P043	012	1P	2C
071	PACS Gsens 1 Red . drv1r		PGH.-	-	P108	061SS-38	17				HPFFPU	70	131100 P043	012	1P	2C
072	PACS Gsens 1 Red . d1rsr		PGH.-	-	P108	061SS-38	17				HPFFPU	70	131100 P043	002	1P	
060	PACS Gsens 1 Red . d1rrt		PGH.-	-	P108	061SS-38	17				HPFFPU	70	131100 P043	013	1P	2C
060	PACS Gsens 1 Red . d1rrt		PGH.-	-	P108	061SS-38	17				HPFFPU	70	131100 P043	013	1P	2C
082	PACS Gsens 1 Red . SH108		PGH.-	-	P108	061SS-38	17			CS-P108	HPFFPU	70	131100 P043	003	1P	1P
-																
026	PACS Gsens 2 Red . dr2rs		PGH.-	-	P109	061SS-38	18				HPFFPU	70	131100 P043	014	1P	1P
015	PACS Gsens 2 Red . drv2r		PGH.-	-	P109	061SS-38	18				HPFFPU	70	131100 P043	004	1P	2C
015	PACS Gsens 2 Red . drv2r		PGH.-	-	P109	061SS-38	18				HPFFPU	70	131100 P043	004	1P	2C
016	PACS Gsens 2 Red . d2rsr		PGH.-	-	P109	061SS-38	18				HPFFPU	70	131100 P043	015	1P	
008	PACS Gsens 2 Red . d2rrt		PGH.-	-	P109	061SS-38	18				HPFFPU	70	131100 P043	005	1P	2C
008	PACS Gsens 2 Red . d2rrt		PGH.-	-	P109	061SS-38	18				HPFFPU	70	131100 P043	005	1P	2C
001	PACS Gsens 2 Red . SH109		PGH.-	-	P109	061SS-38	18			CS-P109	HPFFPU	70	131100 P043	016	1P	1P
-																
036	PACS Gsens sin Red . sin		PGI.-	-	P110	021SS-38	19				HPFFPU	70	131100 P043	006	1P	1P
025	PACS Gsens sin Red . sinrt		PGI.-	-	P110	021SS-38	19				HPFFPU	70	131100 P043	007	1P	
048	PACS Gsens sin Red . SH110		PGI.-	-	P110	021SS-38	19			CS-P110	HPFFPU	70	131100 P043	017	1P	1P
-																
049	PACS Gsens cos Red . cos		PGO.-	-	P111	021SS-38	20				HPFFPU	70	131100 P043	018	1P	1P
037	PACS Gsens cos Red . cosrt		PGO.-	-	P111	021SS-38	20				HPFFPU	70	131100 P043	019	1P	
038	PACS Gsens cos Red . SH111		PGO.-	-	P111	021SS-38	20			CS-P111	HPFFPU	70	131100 P043	008	1P	1P
-	NC															
009	PACS Gtsens Red . drv		PGT.-	-	P112	041SS-38	21				HPFFPU	70	131100 P043	009	1P	1P
003	PACS Gtsens Red . rs		PGT.-	-	P112	041SS-38	21				HPFFPU	70	131100 P043	020	1P	
002	PACS Gtsens Red . drvrt		PGT.-	-	P112	041SS-38	21				HPFFPU	70	131100 P043	010	1P	
004	PACS Gtsens Red . srtn		PGT.-	-	P112	041SS-38	21				HPFFPU	70	131100 P043	021	1P	

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 155 (of 464)

Connector: 211121 J003
CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											
017	PACS Gtsens Red . SH112	PGT.-	-		P112	041SS-38	21			CS-P112	HPFPU	70	131100 P043	011	1P 1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 156 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P040
HPFPU

Function / Bundle: FPU to MEC SIH-XP-15 (97-99)

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.											1P	2C
001	PACS Gdrv Coil LL Nom . 1n	PGC.-	-		P097	TP3BS-30	97		1		CVWUCR	33	211121 J004	078	1P	1P
002	PACS Gdrv Coil LL Nom . nrtn	PGC.-	-		P097	TP3BS-30	97		1		CVWUCR	33	211121 J004	068	1P	1P
012	PACS Gdrv Coil LL Nom . 2n	PGC.-	-		P097	TP3BS-30	97		2		CVWUCR	33	211121 J004	079	1P	1P
013	PACS Gdrv Coil LL Nom . 2nrtn	PGC.-	-		P097	TP3BS-30	97		2		CVWUCR	33	211121 J004	069	1P	1P
014	PACS Gdrv Coil LL Nom . drv	PGC.-	-		P097	TP3BS-30	97		3		CVWUCR	33	211121 J004	080	1P	1P
015	PACS Gdrv Coil LL Nom . drtrn	PGC.-	-		P097	TP3BS-30	97		3		CVWUCR	33	211121 J004	070	1P	1P
003	PACS Gdrv Coil LL Nom . SH097	PGC.-	-		P097	TP3BS-30	97			CS-P097	CVWUCR	33	211121 J004	077	1P	1P
-																
016	PACS Gdrv Switch Nom . drv1	PGS.-	-		P098	081SS-38	98				CVWUCR	33	211121 J004	061	1P	2C
006	PACS Gdrv Switch Nom . drv2	PGS.-	-		P098	081SS-38	98				CVWUCR	33	211121 J004	062		
017	PACS Gdrv Switch Nom . drtrn	PGS.-	-		P098	081SS-38	98				CVWUCR	33	211121 J004	052		
007	PACS Gdrv Switch Nom . drt2	PGS.-	-		P098	081SS-38	98				CVWUCR	33	211121 J004	051		1P
008	PACS Gdrv Switch Nom . LLp	PGS.-	-		P098	081SS-38	98				CVWUCR	33	211121 J004	053		
019	PACS Gdrv Switch Nom . LL+	PGS.-	-		P098	081SS-38	98				CVWUCR	33	211121 J004	063		
009	PACS Gdrv Switch Nom . LL-	PGS.-	-		P098	081SS-38	98				CVWUCR	33	211121 J004	064		
020	PACS Gdrv Switch Nom . LLrtn	PGS.-	-		P098	081SS-38	98				CVWUCR	33	211121 J004	054		
018	PACS Gdrv Switch Nom . SH098	PGS.-	-		P098	081SS-38	98			CS-P098	CVWUCR	33	211121 J004	050	1P	1P
-																
010	PACS Gsensdrv Nom . drv	PGD.-	-		P099	021BS-30	99				CVWUCR	33	211121 J004	065	1P	2C
011	PACS Gsensdrv Nom . drtrn	PGD.-	-		P099	021BS-30	99				CVWUCR	33	211121 J004	055		1P
021	PACS Gsensdrv Nom . SH099	PGD.-	-		P099	021BS-30	99			CS-P099	CVWUCR	33	211121 J004	066	1P	1P
004	NC															
005	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 158 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List (Harness)

Connector: 131100 P041
HPFPU

Function / Bundle: FPU to MEC SIH-XP-15 (100-104)

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.											
001	PACS Gsens 1 Nom . dr1ns		PGH.-	-	P100	061SS-38	10				CVWUCR	33	211121 J004	044	1P
012	PACS Gsens 1 Nom . drv1n		PGH.-	-	P100	061SS-38	10				CVWUCR	33	211121 J004	033	2C 2C
012	PACS Gsens 1 Nom . drv1n		PGH.-	-	P100	061SS-38	10				CVWUCR	33	211121 J004	033	2C 2C
002	PACS Gsens 1 Nom . d1nsr		PGH.-	-	P100	061SS-38	10				CVWUCR	33	211121 J004	045	2C
013	PACS Gsens 1 Nom . d1nrt		PGH.-	-	P100	061SS-38	10				CVWUCR	33	211121 J004	034	2C 2C
013	PACS Gsens 1 Nom . d1nrt		PGH.-	-	P100	061SS-38	10				CVWUCR	33	211121 J004	034	2C 2C
003	PACS Gsens 1 Nom . SH100		PGH.-	-	P100	061SS-38	10			CS-P100	CVWUCR	33	211121 J004	043	1P 1P
-															
014	PACS Gsens 2 Nom . dr2ns		PGH.-	-	P101	061SS-38	1				CVWUCR	33	211121 J004	023	1P 2C
004	PACS Gsens 2 Nom . drv2n		PGH.-	-	P101	061SS-38	1				CVWUCR	33	211121 J004	024	2C 2C
004	PACS Gsens 2 Nom . drv2n		PGH.-	-	P101	061SS-38	1				CVWUCR	33	211121 J004	024	2C 2C
015	PACS Gsens 2 Nom . d2nsr		PGH.-	-	P101	061SS-38	1				CVWUCR	33	211121 J004	014	
005	PACS Gsens 2 Nom . d2nrt		PGH.-	-	P101	061SS-38	1				CVWUCR	33	211121 J004	015	2C 2C
005	PACS Gsens 2 Nom . d2nrt		PGH.-	-	P101	061SS-38	1				CVWUCR	33	211121 J004	015	2C 2C
016	PACS Gsens 2 Nom . SH101		PGH.-	-	P101	061SS-38	1			CS-P101	CVWUCR	33	211121 J004	007	1P 1P
-															
006	PACS Gsens sin Nom . sin		PGI.-	-	P102	021SS-38	2				CVWUCR	33	211121 J004	042	1P 2C
007	PACS Gsens sin Nom . sirtn		PGI.-	-	P102	021SS-38	2				CVWUCR	33	211121 J004	032	1P
017	PACS Gsens sin Nom . SH102		PGI.-	-	P102	021SS-38	2			CS-P102	CVWUCR	33	211121 J004	031	1P 1P
-															
018	PACS Gsens cos Nom . cos		PGO.-	-	P103	021SS-38	3				CVWUCR	33	211121 J004	021	1P 2C
019	PACS Gsens cos Nom . cortn		PGO.-	-	P103	021SS-38	3				CVWUCR	33	211121 J004	013	1P
008	PACS Gsens cos Nom . SH103		PGO.-	-	P103	021SS-38	3			CS-P103	CVWUCR	33	211121 J004	022	1P 1P
-															
009	PACS Gtsens Nom . drv		PGT.-	-	P104	041SS-38	4				CVWUCR	33	211121 J004	004	1P 2C
020	PACS Gtsens Nom . ns		PGT.-	-	P104	041SS-38	4				CVWUCR	33	211121 J004	006	
010	PACS Gtsens Nom . drrtn		PGT.-	-	P104	041SS-38	4				CVWUCR	33	211121 J004	003	1P
021	PACS Gtsens Nom . srtn		PGT.-	-	P104	041SS-38	4				CVWUCR	33	211121 J004	005	
011	PACS Gtsens Nom . SH104		PGT.-	-	P104	041SS-38	4			CSS-P104	CVWUCR	33	211121 J004	002	1P 1P
-															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 160 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 131100 P005
HPFPU

Function / Bundle: FPU to MEC SIH-XP-15 (117-119)

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.											
009	PACS Cal BB1 nom . sens		PAD.-	-	P117	TP2BS-30	17		1		CVWUCR	33	211121 J004	099	1P 1P
010	PACS Cal BB1 nom . senRT		PAD.-	-	P117	TP2BS-30	17		1		CVWUCR	33	211121 J004	091	1P 1P
002	PACS Cal BB1 nom . drv		PAD.-	-	P117	TP2BS-30	17		2		CVWUCR	33	211121 J004	100	1P 1P
003	PACS Cal BB1 nom . drvRT		PAD.-	-	P117	TP2BS-30	17		2		CVWUCR	33	211121 J004	092	1P 1P
001	PACS Cal BB1 nom . SH117		PAD.-	-	P117	TP2BS-30	17			CS-P117	CVWUCR	33	211121 J004	093	1P 1P
-															
004	PACS Cal BB2 nom . drv		PAD.-	-	P118	TP2BS-30	18		3		CVWUCR	33	211121 J004	098	1P 1P
005	PACS Cal BB2 nom . drvRT		PAD.-	-	P118	TP2BS-30	18		3		CVWUCR	33	211121 J004	090	1P 1P
012	PACS Cal BB2 nom . sens		PAD.-	-	P118	TP2BS-30	18		4		CVWUCR	33	211121 J004	096	1P 1P
013	PACS Cal BB2 nom . senRT		PAD.-	-	P118	TP2BS-30	18		4		CVWUCR	33	211121 J004	097	1P 1P
011	PACS Cal BB2 nom . SH118		PAD.-	-	P118	TP2BS-30	18			CS-P118	CVWUCR	33	211121 J004	089	1P 1P
-															
006	PACS Cal BB1 tsens . drv		PAT.-	-	P119	041SS-38	19				CVWUCR	33	211121 J004	095	1P 1P
014	PACS Cal BB1 tsens . drvRT		PAT.-	-	P119	041SS-38	19				CVWUCR	33	211121 J004	094	
007	PACS Cal BB1 tsens . sens		PAT.-	-	P119	041SS-38	19				CVWUCR	33	211121 J004	088	2C
015	PACS Cal BB1 tsens . senRT		PAT.-	-	P119	041SS-38	19				CVWUCR	33	211121 J004	087	
008	PACS Cal BB1 tsens . SH119		PAT.-	-	P119	041SS-38	19			CS-P119	CVWUCR	33	211121 J004	086	1P 1P
-															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 162 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List (Harness)

Connector: 131100 P008
HPFPU

Function / Bundle: FPU to MEC SIH-XP-15 (123)

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	PACS TS nom . 1drv		PTS.-	-	P123	081SS-38	23				CVWUCR	33	211121 J004	082	1P 2C
006	PACS TS nom . 1sens		PTS.-	-	P123	081SS-38	23				CVWUCR	33	211121 J004	083	
002	PACS TS nom . 1drRT		PTS.-	-	P123	081SS-38	23				CVWUCR	33	211121 J004	073	
007	PACS TS nom . 1seRT		PTS.-	-	P123	081SS-38	23				CVWUCR	33	211121 J004	074	1P
008	PACS TS nom . 2sens		PTS.-	-	P123	081SS-38	23				CVWUCR	33	211121 J004	084	
004	PACS TS nom . 2drv		PTS.-	-	P123	081SS-38	23				CVWUCR	33	211121 J004	085	
009	PACS TS nom . 2seRT		PTS.-	-	P123	081SS-38	23				CVWUCR	33	211121 J004	075	
005	PACS TS nom . 2drRT		PTS.-	-	P123	081SS-38	23				CVWUCR	33	211121 J004	076	
003	PACS TS nom . SH123		PTS.-	-	P123	081SS-38	23			CS-P123	CVWUCR	33	211121 J004	081	1P 1P
-															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 164 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 J004
CVVUCR

Function / Bundle: SIH-XP-15 (117-119;123;100-104;97-99)

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.											1P	1P
099	PACS Cal BB1 nom . sens		PAD.-	-	P117	TP2BS-30	1		1		HPFFPU	70	131100 P005	009	1P	1P
091	PACS Cal BB1 nom . senRT		PAD.-	-	P117	TP2BS-30	1		1		HPFFPU	70	131100 P005	010	1P	1P
100	PACS Cal BB1 nom . drv		PAD.-	-	P117	TP2BS-30	1		2		HPFFPU	70	131100 P005	002	1P	1P
092	PACS Cal BB1 nom . drvRT		PAD.-	-	P117	TP2BS-30	1		2		HPFFPU	70	131100 P005	003	1P	1P
093	PACS Cal BB1 nom . SH117		PAD.-	-	P117	TP2BS-30	1			CS-P117	HPFFPU	70	131100 P005	001	1P	1P
-																
096	PACS Cal BB2 nom . sens		PAD.-	-	P118	TP2BS-30	2		3		HPFFPU	70	131100 P005	012	1P	1P
097	PACS Cal BB2 nom . senRT		PAD.-	-	P118	TP2BS-30	2		3		HPFFPU	70	131100 P005	013	1P	1P
098	PACS Cal BB2 nom . drv		PAD.-	-	P118	TP2BS-30	2		4		HPFFPU	70	131100 P005	004	1P	1P
090	PACS Cal BB2 nom . drvRT		PAD.-	-	P118	TP2BS-30	2		4		HPFFPU	70	131100 P005	005	1P	1P
089	PACS Cal BB2 nom . SH118		PAD.-	-	P118	TP2BS-30	2			CS-P118	HPFFPU	70	131100 P005	011	1P	1P
-																
095	PACS Cal BB1 tsens . drv		PAT.-	-	P119	041SS-38	3				HPFFPU	70	131100 P005	006	1P	1P
094	PACS Cal BB1 tsens . drvRT		PAT.-	-	P119	041SS-38	3				HPFFPU	70	131100 P005	014		
088	PACS Cal BB1 tsens . sens		PAT.-	-	P119	041SS-38	3				HPFFPU	70	131100 P005	007	2C	
087	PACS Cal BB1 tsens . senRT		PAT.-	-	P119	041SS-38	3				HPFFPU	70	131100 P005	015		
086	PACS Cal BB1 tsens . SH119		PAT.-	-	P119	041SS-38	3			CS-P119	HPFFPU	70	131100 P005	008	1P	1P
-																
082	PACS TS nom . 1drv		PTS.-	-	P123	081SS-38	4				HPFFPU	70	131100 P008	001	2C	1P
083	PACS TS nom . 1sens		PTS.-	-	P123	081SS-38	4				HPFFPU	70	131100 P008	006		
073	PACS TS nom . 1drvRT		PTS.-	-	P123	081SS-38	4				HPFFPU	70	131100 P008	002		
074	PACS TS nom . 1seRT		PTS.-	-	P123	081SS-38	4				HPFFPU	70	131100 P008	007	1P	
084	PACS TS nom . 2sens		PTS.-	-	P123	081SS-38	4				HPFFPU	70	131100 P008	008		
085	PACS TS nom . 2drv		PTS.-	-	P123	081SS-38	4				HPFFPU	70	131100 P008	004		
075	PACS TS nom . 2seRT		PTS.-	-	P123	081SS-38	4				HPFFPU	70	131100 P008	009		
076	PACS TS nom . 2drvRT		PTS.-	-	P123	081SS-38	4				HPFFPU	70	131100 P008	005		
081	PACS TS nom . SH123		PTS.-	-	P123	081SS-38	4			CS-P123	HPFFPU	70	131100 P008	003	1P	1P
-																
078	PACS Gdrv Coil LL Nom . 1n		PGC.-	-	P097	TP3BS-30	5		5		HPFFPU	70	131100 P040	001	1P	1P
068	PACS Gdrv Coil LL Nom . nrtn		PGC.-	-	P097	TP3BS-30	5		5		HPFFPU	70	131100 P040	002	1P	1P
079	PACS Gdrv Coil LL Nom . 2n		PGC.-	-	P097	TP3BS-30	5		6		HPFFPU	70	131100 P040	012	1P	1P
069	PACS Gdrv Coil LL Nom . 2nrtn		PGC.-	-	P097	TP3BS-30	5		6		HPFFPU	70	131100 P040	013	1P	1P
080	PACS Gdrv Coil LL Nom . drv		PGC.-	-	P097	TP3BS-30	5		7		HPFFPU	70	131100 P040	014	1P	1P
070	PACS Gdrv Coil LL Nom . drtrn		PGC.-	-	P097	TP3BS-30	5		7		HPFFPU	70	131100 P040	015	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 J004
CVVUCR

Function / Bundle: SIH-XP-15 (117-119;123;100-104;97-99)

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.											1P	2P
077	PACS Gdrv Coil LL Nom . SH097		PGC.-	-	P097	TP3BS-30	5			CSS-P097	HPFFPU	70	131100 P040	003	1P	1P
-																
065	PACS Gsensdrv Nom . drv		PGD.-	-	P099	021BS-30	6				HPFFPU	70	131100 P040	010	2C	1P
055	PACS Gsensdrv Nom . drrtn		PGD.-	-	P099	021BS-30	6				HPFFPU	70	131100 P040	011	1P	
066	PACS Gsensdrv Nom . SH099		PGD.-	-	P099	021BS-30	6			CS-P099	HPFFPU	70	131100 P040	021	1P	1P
-																
061	PACS Gdrv Switch Nom . drv1		PGS.-	-	P098	081SS-38	7				HPFFPU	70	131100 P040	016	2C	1P
062	PACS Gdrv Switch Nom . drv2		PGS.-	-	P098	081SS-38	7				HPFFPU	70	131100 P040	006		
052	PACS Gdrv Switch Nom . drrtn		PGS.-	-	P098	081SS-38	7				HPFFPU	70	131100 P040	017		
051	PACS Gdrv Switch Nom . drrt2		PGS.-	-	P098	081SS-38	7				HPFFPU	70	131100 P040	007	1P	
053	PACS Gdrv Switch Nom . LLp		PGS.-	-	P098	081SS-38	7				HPFFPU	70	131100 P040	008		
063	PACS Gdrv Switch Nom . LL+		PGS.-	-	P098	081SS-38	7				HPFFPU	70	131100 P040	019		
064	PACS Gdrv Switch Nom . LL-		PGS.-	-	P098	081SS-38	7				HPFFPU	70	131100 P040	009		
054	PACS Gdrv Switch Nom . LLrtn		PGS.-	-	P098	081SS-38	7				HPFFPU	70	131100 P040	020		
050	PACS Gdrv Switch Nom . SH098		PGS.-	-	P098	081SS-38	7			CS-P098	HPFFPU	70	131100 P040	018	1P	1P
-																
044	PACS Gsens 1 Nom . dr1ns		PGH.-	-	P100	061SS-38	8				HPFFPU	70	131100 P041	001		1P
033	PACS Gsens 1 Nom . drv1n		PGH.-	-	P100	061SS-38	8				HPFFPU	70	131100 P041	012	2C	2C
033	PACS Gsens 1 Nom . drv1n		PGH.-	-	P100	061SS-38	8				HPFFPU	70	131100 P041	012	2C	2C
045	PACS Gsens 1 Nom . d1nsr		PGH.-	-	P100	061SS-38	8				HPFFPU	70	131100 P041	002	2C	
034	PACS Gsens 1 Nom . d1nrt		PGH.-	-	P100	061SS-38	8				HPFFPU	70	131100 P041	013	2C	2C
034	PACS Gsens 1 Nom . d1nrt		PGH.-	-	P100	061SS-38	8				HPFFPU	70	131100 P041	013	2C	2C
043	PACS Gsens 1 Nom . SH100		PGH.-	-	P100	061SS-38	8			CS-P100	HPFFPU	70	131100 P041	003	1P	1P
-																
023	PACS Gsens 2 Nom . dr2ns		PGH.-	-	P101	061SS-38	9				HPFFPU	70	131100 P041	014	2C	1P
024	PACS Gsens 2 Nom . drv2n		PGH.-	-	P101	061SS-38	9				HPFFPU	70	131100 P041	004	2C	2C
024	PACS Gsens 2 Nom . drv2n		PGH.-	-	P101	061SS-38	9				HPFFPU	70	131100 P041	004	2C	2C
014	PACS Gsens 2 Nom . d2nsr		PGH.-	-	P101	061SS-38	9				HPFFPU	70	131100 P041	015		
015	PACS Gsens 2 Nom . d2nrt		PGH.-	-	P101	061SS-38	9				HPFFPU	70	131100 P041	005	2C	2C
015	PACS Gsens 2 Nom . d2nrt		PGH.-	-	P101	061SS-38	9				HPFFPU	70	131100 P041	005	2C	2C
007	PACS Gsens 2 Nom . SH101		PGH.-	-	P101	061SS-38	9			CS-P101	HPFFPU	70	131100 P041	016	1P	1P
-																
042	PACS Gsens sin Nom . sin		PGI.-	-	P102	021SS-38	10				HPFFPU	70	131100 P041	006	2C	1P
032	PACS Gsens sin Nom . sirtn		PGI.-	-	P102	021SS-38	10				HPFFPU	70	131100 P041	007	1P	

Pin Allocation List

(Harness)

Connector: 211121 J004
 CVVUCR

Function / Bundle: SIH-XP-15 (117-119;123;100-104;97-99)

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.											1P	2P
031	PACS Gsens sin Nom . SH102		PGI.-	-	P102	021SS-38	10			CS-P102	HPFPU	70	131100 P041	017	1P	1P
-																
021	PACS Gsens cos Nom . cos		PGO.-	-	P103	021SS-38	11				HPFPU	70	131100 P041	018	2C	1P
013	PACS Gsens cos Nom . cortn		PGO.-	-	P103	021SS-38	11				HPFPU	70	131100 P041	019	1P	
022	PACS Gsens cos Nom . SH103		PGO.-	-	P103	021SS-38	11			CS-P103	HPFPU	70	131100 P041	008	1P	1P
-																
004	PACS Gtsens Nom . drv		PGT.-	-	P104	041SS-38	12				HPFPU	70	131100 P041	009	2C	1P
006	PACS Gtsens Nom . ns		PGT.-	-	P104	041SS-38	12				HPFPU	70	131100 P041	020		
003	PACS Gtsens Nom . drrtn		PGT.-	-	P104	041SS-38	12				HPFPU	70	131100 P041	010	1P	
005	PACS Gtsens Nom . srtn		PGT.-	-	P104	041SS-38	12				HPFPU	70	131100 P041	021		
002	PACS Gtsens Nom . SH104		PGT.-	-	P104	041SS-38	12			CS-P104	HPFPU	70	131100 P041	011	1P	1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 168 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 P009
 CVVUCR

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b,24-31;75)

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.											1	2
107	PACS DC Supply Gr 1 . VDDa1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	107	2C	2C
107	PACS DC Supply Gr 1 . VDDa1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	107	2C	2C
116	PACS DC Supply Gr 1 . VDas1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	116		
123	PACS DC Supply Gr 1 . VSS1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	123	2C	2C
123	PACS DC Supply Gr 1 . VSS1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	123	2C	2C
124	PACS DC Supply Gr 1 . VSSs1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	124		
108	PACS DC Supply Gr 1 . CaP1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	108		
117	PACS DC Supply Gr 1 . CaPs1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	117		
109	PACS DC Supply Gr 1 . CaN1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	109	2C	2C
118	PACS DC Supply Gr 1 . CaNs1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	118		
125	PACS DC Supply Gr 1 . CaN11		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	125	1P	1P
126	PACS DC Supply Gr 1 . CN1s1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	126		
110	PACS DC Supply Gr 1 . CaN21		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	110		
119	PACS DC Supply Gr 1 . CN2s1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	119		
127	PACS DC Supply Gr 1 . VDDR1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	127		
128	PACS DC Supply Gr 1 . VDrs1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	128		
111	PACS DC Supply Gr 1 . LVL1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	111		
120	PACS DC Supply Gr 1 . LVLs1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	120		
121	PACS DC Supply Gr 1 . WELL1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	121		
114	PACS DC Supply Gr 1 . WELs1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	114		
112	PACS DC Supply Gr 1 . SUB1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	112		
113	PACS DC Supply Gr 1 . SUBs1		PD2.-	-	P002	241SS-38	1				HPSVMCB1	28	313100 J008	113		
122	PACS DC Supply Gr 1 . SH002		PD2.-	-	P002	241SS-38	1			CS-P002	HPSVMCB1	28	313100 J008	122	1P	1P
-										2 NU wires con to CS-P002						1P
-																
104	PACS Detec Bias Gr 1 . Zero1		PD3.-	-	P003	061SS-38	2				HPSVMCB1	28	313100 J008	104	2C	2C
103	PACS Detec Bias Gr 1 . Zers1		PD3.-	-	P003	061SS-38	2				HPSVMCB1	28	313100 J008	103		
092	PACS Detec Bias Gr 1 . Gnd1		PD3.-	-	P003	061SS-38	2				HPSVMCB1	28	313100 J008	092	1P	1P
102	PACS Detec Bias Gr 1 . GnSe1		PD3.-	-	P003	061SS-38	2				HPSVMCB1	28	313100 J008	102		
093	PACS Detec Bias Gr 1 . R1		PD3.-	-	P003	061SS-38	2				HPSVMCB1	28	313100 J008	093		
091	PACS Detec Bias Gr 1 . Rs1		PD3.-	-	P003	061SS-38	2				HPSVMCB1	28	313100 J008	091		
090	PACS Detec Bias Gr 1 . SH003		PD3.-	-	P003	061SS-38	2			CS-P003	HPSVMCB1	28	313100 J008	090	1P	1P
-																
089	PACS Logic Supply Gr 1 . SELC1		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	089	2C	2C

Pin Allocation List

(Harness)

Connector: 211121 P009
 CVVUCR

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b,24-31;75)

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.												
101	PACS Logic Supply Gr 1 . SEL11		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	101		
100	PACS Logic Supply Gr 1 . SEL21		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	100		
088	PACS Logic Supply Gr 1 . CaDs1		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	088	1P	1P
087	PACS Logic Supply Gr 1 . CaD1		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	087		
099	PACS Logic Supply Gr 1 . CnDs1		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	099		
098	PACS Logic Supply Gr 1 . CnD1		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	098		
086	PACS Logic Supply Gr 1 . VDDs1		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	086		
097	PACS Logic Supply Gr 1 . VDDd1		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	097	2C	2C
097	PACS Logic Supply Gr 1 . VDDd1		PD1.-	-	P001	111SS-38	3				HPSVMCB1	28	313100 J008	097	2C	2C
085	PACS Logic Supply Gr 1 . SH001		PD1.-	-	P001	111SS-38	3			CS-P001	HPSVMCB1	28	313100 J008	085	1P	1P
-										1 NU wire con to CS-P001						1P
-																
070	PACS Detec Out 01 1 . 1		PDO.-	-	P017	012SS-38	4			TRIAx	HPSVMCB1	28	313100 J008	070	1P	1P
069	PACS Detec Out 01 1 . I		PDO.-	-	P017	012SS-38	4			inner Shield	HPSVMCB1	28	313100 J008	069		
081	PACS Detec Out 01 1 . O		PDO.-	-	P017	012SS-38	4			outer Shield	HPSVMCB1	28	313100 J008	081		
-																
079	PACS Detec Out 02 1 . 1		PDO.-	-	P018	012SS-38	5			TRIAx	HPSVMCB1	28	313100 J008	079	1P	1P
080	PACS Detec Out 02 1 . I		PDO.-	-	P018	012SS-38	5			inner Shield	HPSVMCB1	28	313100 J008	080		
068	PACS Detec Out 02 1 . O		PDO.-	-	P018	012SS-38	5			outer Shield	HPSVMCB1	28	313100 J008	068		
-																
066	PACS Detec Out 03 1 . 1		PDO.-	-	P019	012SS-38	6			TRIAx	HPSVMCB1	28	313100 J008	066	1P	1P
078	PACS Detec Out 03 1 . I		PDO.-	-	P019	012SS-38	6			inner Shield	HPSVMCB1	28	313100 J008	078		
067	PACS Detec Out 03 1 . O		PDO.-	-	P019	012SS-38	6			outer Shield	HPSVMCB1	28	313100 J008	067		
-																
076	PACS Detec Out 04 1 . 1		PDO.-	-	P020	012SS-38	7			TRIAx	HPSVMCB1	28	313100 J008	076	1P	1P
065	PACS Detec Out 04 1 . I		PDO.-	-	P020	012SS-38	7			inner Shield	HPSVMCB1	28	313100 J008	065		
077	PACS Detec Out 04 1 . O		PDO.-	-	P020	012SS-38	7			outer Shield	HPSVMCB1	28	313100 J008	077		
-																
073	PACS Detec Out 05 1 . 1		PDO.-	-	P021	012SS-38	8			TRIAx	HPSVMCB1	28	313100 J008	073	1P	1P
062	PACS Detec Out 05 1 . I		PDO.-	-	P021	012SS-38	8			inner Shield	HPSVMCB1	28	313100 J008	062		
074	PACS Detec Out 05 1 . O		PDO.-	-	P021	012SS-38	8			outer Shield	HPSVMCB1	28	313100 J008	074		
-																
095	PACS Detec Out 06 1 . 1		PDO.-	-	P022	012SS-38	9			TRIAx	HPSVMCB1	28	313100 J008	095	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P009
 CVVUCR

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b,24-31;75)

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.											
084	PACS Detec Out 06 1 . I		PDO.-	-	P022	012SS-38	9			inner Shield	HPSVMCB1	28	313100 J008	084	
096	PACS Detec Out 06 1 . O		PDO.-	-	P022	012SS-38	9			outer Shield	HPSVMCB1	28	313100 J008	096	
-															
071	PACS Detec Out 07 1 . 1		PDO.-	-	P023	012SS-38	10			TRIAx	HPSVMCB1	28	313100 J008	071	1P 1P
083	PACS Detec Out 07 1 . I		PDO.-	-	P023	012SS-38	10			inner Shield	HPSVMCB1	28	313100 J008	083	
072	PACS Detec Out 07 1 . O		PDO.-	-	P023	012SS-38	10			outer Shield	HPSVMCB1	28	313100 J008	072	
-															
048	PACS Detec Outref a Gr 1 . 1		PDR.X	-	P13A	012BS-38	11			TRIAx	HPSVMCB1	28	313100 J008	048	1P 1P
049	PACS Detec Outref a Gr 1 . I		PDR.X	-	P13A	012BS-38	11			inner Shield	HPSVMCB1	28	313100 J008	049	
060	PACS Detec Outref a Gr 1 . O		PDR.X	-	P13A	012BS-38	11			outer Shield	HPSVMCB1	28	313100 J008	060	
-															
063	PACS Detec Out 08 1 . 1		PDO.-	-	P024	012SS-38	12			TRIAx	HPSVMCB1	28	313100 J008	063	1P 1P
075	PACS Detec Out 08 1 . I		PDO.-	-	P024	012SS-38	12			inner Shield	HPSVMCB1	28	313100 J008	075	
064	PACS Detec Out 08 1 . O		PDO.-	-	P024	012SS-38	12			outer Shield	HPSVMCB1	28	313100 J008	064	
-															
047	PACS Detec Out 09 1 . 1		PDO.-	-	P025	012SS-38	13			TRIAx	HPSVMCB1	28	313100 J008	047	1P 1P
046	PACS Detec Out 09 1 . I		PDO.-	-	P025	012SS-38	13			inner Shield	HPSVMCB1	28	313100 J008	046	
058	PACS Detec Out 09 1 . O		PDO.-	-	P025	012SS-38	13			outer Shield	HPSVMCB1	28	313100 J008	058	
-															
057	PACS Detec Out 10 1 . 1		PDO.-	-	P026	012SS-38	14			TRIAx	HPSVMCB1	28	313100 J008	057	1P 1P
056	PACS Detec Out 10 1 . I		PDO.-	-	P026	012SS-38	14			inner Shield	HPSVMCB1	28	313100 J008	056	
045	PACS Detec Out 10 1 . O		PDO.-	-	P026	012SS-38	14			outer Shield	HPSVMCB1	28	313100 J008	045	
-															
044	PACS Detec Out 11 1 . 1		PDO.-	-	P027	012SS-38	15			TRIAx	HPSVMCB1	28	313100 J008	044	1P
043	PACS Detec Out 11 1 . I		PDO.-	-	P027	012SS-38	15			inner Shield	HPSVMCB1	28	313100 J008	043	
055	PACS Detec Out 11 1 . O		PDO.-	-	P027	012SS-38	15			outer Shield	HPSVMCB1	28	313100 J008	055	
-															
042	PACS Detec Out 12 1 . 1		PDO.-	-	P028	012SS-38	16			TRIAx	HPSVMCB1	28	313100 J008	042	1P
053	PACS Detec Out 12 1 . I		PDO.-	-	P028	012SS-38	16			inner Shield	HPSVMCB1	28	313100 J008	053	
054	PACS Detec Out 12 1 . O		PDO.-	-	P028	012SS-38	16			outer Shield	HPSVMCB1	28	313100 J008	054	
-															
040	PACS Detec Out 13 1 . 1		PDO.-	-	P029	012SS-38	17			TRIAx	HPSVMCB1	28	313100 J008	040	1P
041	PACS Detec Out 13 1 . I		PDO.-	-	P029	012SS-38	17			inner Shield	HPSVMCB1	28	313100 J008	041	

Pin Allocation List

(Harness)

Connector: 211121 P009
CVVUCR

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b,24-31;75)

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.												
052	PACS Detec Out 13 1 . O		PDO.- -		P029	012SS-38	17			outer Shield	HPSVMCB1	28	313100 J008	052		
-																
050	PACS Detec Outref b Gr 1 . b1		PDR.X -		P13B	012BS-38	18			TRIAX	HPSVMCB1	28	313100 J008	050	1P	1P
039	PACS Detec Outref b Gr 1 . I		PDR.X -		P13B	012BS-38	18			inner Shield	HPSVMCB1	28	313100 J008	039		
051	PACS Detec Outref b Gr 1 . O		PDR.X -		P13B	012BS-38	18			outer Shield	HPSVMCB1	28	313100 J008	051		
-																
017	PACS Detec Synch Gr 1 . SIG		PDS.- -		P030	021SS-38	19				HPSVMCB1	28	313100 J008	017	2C	2C
017	PACS Detec Synch Gr 1 . SIG		PDS.- -		P030	021SS-38	19				HPSVMCB1	28	313100 J008	017	2C	2C
009	PACS Detec Synch Gr 1 . SH030		PDS.- -		P030	021SS-38	19			CS-P030	HPSVMCB1	28	313100 J008	009	1P	1P
-																
018	PACS Detec Clock Gr 1 . SIG		PDC.- -		P031	021SS-38	20				HPSVMCB1	28	313100 J008	018	2C	2C
018	PACS Detec Clock Gr 1 . SIG		PDC.- -		P031	021SS-38	20				HPSVMCB1	28	313100 J008	018	2C	2C
028	PACS Detec Clock Gr 1 . SH031		PDC.- -		P031	021SS-38	20			CS-P031	HPSVMCB1	28	313100 J008	028	1P	1P
-																
020	PACS Detec Tsens 1/2 . I161		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	020	2C	2C
031	PACS Detec Tsens 1/2 . U161		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	031		
021	PACS Detec Tsens 1/2 . U261		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	021		
032	PACS Detec Tsens 1/2 . U361		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	032	1P	1P
022	PACS Detec Tsens 1/2 . I261		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	022		
033	PACS Detec Tsens 1/2 . I1192		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	033		
023	PACS Detec Tsens 1/2 . U1192		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	023		
034	PACS Detec Tsens 1/2 . U2192		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	034		
024	PACS Detec Tsens 1/2 . U3192		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	024		
035	PACS Detec Tsens 1/2 . I2192		PDT.- -		P075	111SS-38	21				HPSVMCB1	28	313100 J008	035		
030	PACS Detec Tsens 1/2 . SH075		PDT.- -		P075	111SS-38	21			CS-P075	HPSVMCB1	28	313100 J008	030	1P	1P
-										1 NU wire con to CS-P075						1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313100 J008
HPSVMCB1

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b;24-31;75)

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.												
107	PACS DC Supply Gr 1 . VDDa1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	107	2C	2C
107	PACS DC Supply Gr 1 . VDDa1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	107	2C	2C
116	PACS DC Supply Gr 1 . VDas1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	116		
123	PACS DC Supply Gr 1 . VSS1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	123	2C	2C
123	PACS DC Supply Gr 1 . VSS1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	123	2C	2C
124	PACS DC Supply Gr 1 . VSSs1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	124		
108	PACS DC Supply Gr 1 . CaP1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	108		
117	PACS DC Supply Gr 1 . CaPs1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	117		
109	PACS DC Supply Gr 1 . CaN1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	109	2C	2C
118	PACS DC Supply Gr 1 . CaNS1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	118		
125	PACS DC Supply Gr 1 . CaN11		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	125	1P	1P
126	PACS DC Supply Gr 1 . CN1s1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	126		
110	PACS DC Supply Gr 1 . CaN21		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	110		
119	PACS DC Supply Gr 1 . CN2s1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	119		
127	PACS DC Supply Gr 1 . VDDR1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	127		
128	PACS DC Supply Gr 1 . VDRs1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	128		
111	PACS DC Supply Gr 1 . LVL1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	111		
120	PACS DC Supply Gr 1 . LVLs1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	120		
121	PACS DC Supply Gr 1 . WELL1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	121		
114	PACS DC Supply Gr 1 . WELs1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	114		
112	PACS DC Supply Gr 1 . SUB1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	112		
113	PACS DC Supply Gr 1 . SUBs1		PD2.-	-	P002	241SS-38	1				CVVUCR	33	211121 P009	113		
122	PACS DC Supply Gr 1 . SH002		PD2.-	-	P002	241SS-38	1			CS-P002	CVVUCR	33	211121 P009	122	1P	1P
-										2 NU wires CS-P002						1P
-																
104	PACS Detec Bias Gr 1 . Zero1		PD3.-	-	P003	061SS-38	2				CVVUCR	33	211121 P009	104	2C	2C
103	PACS Detec Bias Gr 1 . Zers1		PD3.-	-	P003	061SS-38	2				CVVUCR	33	211121 P009	103		
092	PACS Detec Bias Gr 1 . Gnd1		PD3.-	-	P003	061SS-38	2				CVVUCR	33	211121 P009	092	1P	1P
102	PACS Detec Bias Gr 1 . GnSe1		PD3.-	-	P003	061SS-38	2				CVVUCR	33	211121 P009	102		
093	PACS Detec Bias Gr 1 . R1		PD3.-	-	P003	061SS-38	2				CVVUCR	33	211121 P009	093		
091	PACS Detec Bias Gr 1 . Rs1		PD3.-	-	P003	061SS-38	2				CVVUCR	33	211121 P009	091		
090	PACS Detec Bias Gr 1 . SH003		PD3.-	-	P003	061SS-38	2			CS-P003	CVVUCR	33	211121 P009	090	1P	1P
-																
089	PACS Logic Supply Gr 1 . SELC1		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	089	2C	2C

Pin Allocation List

(Harness)

Connector: 313100 J008
 HPSVMCB1

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b;24-31;75)

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.												
101	PACS Logic Supply Gr 1 . SEL11		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	101		
100	PACS Logic Supply Gr 1 . SEL21		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	100		
088	PACS Logic Supply Gr 1 . CaDs1		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	088	1P	1P
087	PACS Logic Supply Gr 1 . CaD1		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	087		
099	PACS Logic Supply Gr 1 . CnDs1		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	099		
098	PACS Logic Supply Gr 1 . CnD1		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	098		
086	PACS Logic Supply Gr 1 . VDDs1		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	086		
097	PACS Logic Supply Gr 1 . VDDd1		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	097	2C	2C
097	PACS Logic Supply Gr 1 . VDDd1		PD1.-	-	P001	111SS-38	3				CVVUCR	33	211121 P009	097	2C	2C
085	PACS Logic Supply Gr 1 . SH001		PD1.-	-	P001	111SS-38	3			CS-P001	CVVUCR	33	211121 P009	085	1P	1P
-										1 NU wire CS-P001					1P	
-																
070	PACS Detec Out 01 1 . 1		PDO.-	-	P017	012SS-38	4			TRIAX	CVVUCR	33	211121 P009	070	1P	1P
069	PACS Detec Out 01 1 . I		PDO.-	-	P017	012SS-38	4			inner Shield	CVVUCR	33	211121 P009	069		
081	PACS Detec Out 01 1 . O		PDO.-	-	P017	012SS-38	4			outer Shield	CVVUCR	33	211121 P009	081		
-																
079	PACS Detec Out 02 1 . 1		PDO.-	-	P018	012SS-38	5			TRIAX	CVVUCR	33	211121 P009	079	1P	1P
080	PACS Detec Out 02 1 . I		PDO.-	-	P018	012SS-38	5			inner Shield	CVVUCR	33	211121 P009	080		
068	PACS Detec Out 02 1 . O		PDO.-	-	P018	012SS-38	5			outer Shield	CVVUCR	33	211121 P009	068		
-																
066	PACS Detec Out 03 1 . 1		PDO.-	-	P019	012SS-38	6			TRIAX	CVVUCR	33	211121 P009	066	1P	1P
078	PACS Detec Out 03 1 . I		PDO.-	-	P019	012SS-38	6			inner Shield	CVVUCR	33	211121 P009	078		
067	PACS Detec Out 03 1 . O		PDO.-	-	P019	012SS-38	6			outer Shield	CVVUCR	33	211121 P009	067		
-																
076	PACS Detec Out 04 1 . 1		PDO.-	-	P020	012SS-38	7			TRIAX	CVVUCR	33	211121 P009	076	1P	1P
065	PACS Detec Out 04 1 . I		PDO.-	-	P020	012SS-38	7			inner Shield	CVVUCR	33	211121 P009	065		
077	PACS Detec Out 04 1 . O		PDO.-	-	P020	012SS-38	7			outer Shield	CVVUCR	33	211121 P009	077		
-																
073	PACS Detec Out 05 1 . 1		PDO.-	-	P021	012SS-38	8			TRIAX	CVVUCR	33	211121 P009	073	1P	1P
062	PACS Detec Out 05 1 . I		PDO.-	-	P021	012SS-38	8			inner Shield	CVVUCR	33	211121 P009	062		
074	PACS Detec Out 05 1 . O		PDO.-	-	P021	012SS-38	8			outer Shield	CVVUCR	33	211121 P009	074		
-																
095	PACS Detec Out 06 1 . 1		PDO.-	-	P022	012SS-38	9			TRIAX	CVVUCR	33	211121 P009	095	1P	1P

Pin Allocation List

(Harness)

Connector: 313100 J008
 HPSVMCB1

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b;24-31;75)

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.											
084	PACS Detec Out 06 1 . I		PDO.-	-	P022	012SS-38	9			inner Shield	CVVUCR	33	211121 P009	084	
096	PACS Detec Out 06 1 . O		PDO.-	-	P022	012SS-38	9			outer Shield	CVVUCR	33	211121 P009	096	
-															
071	PACS Detec Out 07 1 . 1		PDO.-	-	P023	012SS-38	10			TRIAX	CVVUCR	33	211121 P009	071	1P 1P
083	PACS Detec Out 07 1 . I		PDO.-	-	P023	012SS-38	10			inner Shield	CVVUCR	33	211121 P009	083	
072	PACS Detec Out 07 1 . O		PDO.-	-	P023	012SS-38	10			outer Shield	CVVUCR	33	211121 P009	072	
-															
048	PACS Detec Outref a Gr 1 . 1		PDR.X	-	P13A	012BS-38	11			TRIAX	CVVUCR	33	211121 P009	048	1P 1P
049	PACS Detec Outref a Gr 1 . I		PDR.X	-	P13A	012BS-38	11			inner Shield	CVVUCR	33	211121 P009	049	
060	PACS Detec Outref a Gr 1 . O		PDR.X	-	P13A	012BS-38	11			outer Shield	CVVUCR	33	211121 P009	060	
-															
063	PACS Detec Out 08 1 . 1		PDO.-	-	P024	012SS-38	12			TRIAX	CVVUCR	33	211121 P009	063	1P 1P
075	PACS Detec Out 08 1 . I		PDO.-	-	P024	012SS-38	12			inner Shield	CVVUCR	33	211121 P009	075	
064	PACS Detec Out 08 1 . O		PDO.-	-	P024	012SS-38	12			outer Shield	CVVUCR	33	211121 P009	064	
-															
047	PACS Detec Out 09 1 . 1		PDO.-	-	P025	012SS-38	13			TRIAX	CVVUCR	33	211121 P009	047	1P 1P
046	PACS Detec Out 09 1 . I		PDO.-	-	P025	012SS-38	13			inner Shield	CVVUCR	33	211121 P009	046	
058	PACS Detec Out 09 1 . O		PDO.-	-	P025	012SS-38	13			outer Shield	CVVUCR	33	211121 P009	058	
-															
057	PACS Detec Out 10 1 . 1		PDO.-	-	P026	012SS-38	14			TRIAX	CVVUCR	33	211121 P009	057	1P 1P
056	PACS Detec Out 10 1 . I		PDO.-	-	P026	012SS-38	14			inner Shield	CVVUCR	33	211121 P009	056	
045	PACS Detec Out 10 1 . O		PDO.-	-	P026	012SS-38	14			outer Shield	CVVUCR	33	211121 P009	045	
-															
044	PACS Detec Out 11 1 . 1		PDO.-	-	P027	012SS-38	15			012SS38 TRIAX	CVVUCR	33	211121 P009	044	1P
043	PACS Detec Out 11 1 . I		PDO.-	-	P027	012SS-38	15			inner Shield	CVVUCR	33	211121 P009	043	
055	PACS Detec Out 11 1 . O		PDO.-	-	P027	012SS-38	15			outer Shield	CVVUCR	33	211121 P009	055	
-															
042	PACS Detec Out 12 1 . 1		PDO.-	-	P028	012SS-38	16			012SS38 TRIAX	CVVUCR	33	211121 P009	042	1P
053	PACS Detec Out 12 1 . I		PDO.-	-	P028	012SS-38	16			inner Shield	CVVUCR	33	211121 P009	053	
054	PACS Detec Out 12 1 . O		PDO.-	-	P028	012SS-38	16			outer Shield	CVVUCR	33	211121 P009	054	
-															
040	PACS Detec Out 13 1 . 1		PDO.-	-	P029	012SS-38	17			012SS38 TRIAX	CVVUCR	33	211121 P009	040	1P
041	PACS Detec Out 13 1 . I		PDO.-	-	P029	012SS-38	17			inner Shield	CVVUCR	33	211121 P009	041	

Pin Allocation List

(Harness)

Connector: 313100 J008
HPSVMCB1

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b;24-31;75)

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.												
052	PACS Detec Out 13 1 . O		PDO.-	-	P029	012SS-38	17		outer Shield	CVVUCR	33	211121 P009	052			
-																
050	PACS Detec Outref b Gr 1 . b1		PDR.X	-	P13B	012BS-38	18		TRIAX	CVVUCR	33	211121 P009	050	1P	1P	
039	PACS Detec Outref b Gr 1 . I		PDR.X	-	P13B	012BS-38	18		inner Shield	CVVUCR	33	211121 P009	039			
051	PACS Detec Outref b Gr 1 . O		PDR.X	-	P13B	012BS-38	18		outer Shield	CVVUCR	33	211121 P009	051			
-																
017	PACS Detec Synch Gr 1 . SIG		PDS.-	-	P030	021SS-38	19			CVVUCR	33	211121 P009	017	2C	2C	
017	PACS Detec Synch Gr 1 . SIG		PDS.-	-	P030	021SS-38	19			CVVUCR	33	211121 P009	017	2C	2C	
009	PACS Detec Synch Gr 1 . SH030		PDS.-	-	P030	021SS-38	19		CS- P030	CVVUCR	33	211121 P009	009	1P	1P	
-																
018	PACS Detec Clock Gr 1 . SIG		PDC.-	-	P031	021SS-38	20			CVVUCR	33	211121 P009	018	2C	2C	
018	PACS Detec Clock Gr 1 . SIG		PDC.-	-	P031	021SS-38	20			CVVUCR	33	211121 P009	018	2C	2C	
028	PACS Detec Clock Gr 1 . SH031		PDC.-	-	P031	021SS-38	20		CS-P031	CVVUCR	33	211121 P009	028	1P	1P	
-																
020	PACS Detec Tsens 1/2 . I161		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	020	2C	2C	
031	PACS Detec Tsens 1/2 . U161		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	031			
021	PACS Detec Tsens 1/2 . U261		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	021			
032	PACS Detec Tsens 1/2 . U361		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	032	1P	1P	
022	PACS Detec Tsens 1/2 . I261		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	022			
033	PACS Detec Tsens 1/2 . I1192		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	033			
023	PACS Detec Tsens 1/2 . U1192		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	023			
034	PACS Detec Tsens 1/2 . U2192		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	034			
024	PACS Detec Tsens 1/2 . U3192		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	024			
035	PACS Detec Tsens 1/2 . I2192		PDT.-	-	P075	111SS-38	21			CVVUCR	33	211121 P009	035			
030	PACS Detec Tsens 1/2 . SH075		PDT.-	-	P075	111SS-38	21		CS-P075	CVVUCR	33	211121 P009	030	1P	1P	
-									1 NU wire CS-P075						1P	
CH	Overall Shield								Overall Shield con to CH						1P	

Pin Allocation List

(Harness)

Connector: 211121 P008
 CVVUCR

Function / Bundle: SIH-XP-02 (14b;39-45;14a;32-38;4-6)

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.											1P	2C
093	PACS Detec Out 21 . 2		PDO.-	-	P039	012SS-38	1			TRIAX	HPSVMCB1	28	313100 J007	093	1P	1P
092	PACS Detec Out 21 . I		PDO.-	-	P039	012SS-38	1			inner Shield	HPSVMCB1	28	313100 J007	092		
100	PACS Detec Out 21 . O		PDO.-	-	P039	012SS-38	1			outer Shield	HPSVMCB1	28	313100 J007	100		
-																
099	PACS Detec Out 22 . 2		PDO.-	-	P040	012SS-38	2			TRIAX	HPSVMCB1	28	313100 J007	099	1P	1P
098	PACS Detec Out 22 . I		PDO.-	-	P040	012SS-38	2			inner Shield	HPSVMCB1	28	313100 J007	098		
091	PACS Detec Out 22 . O		PDO.-	-	P040	012SS-38	2			outer Shield	HPSVMCB1	28	313100 J007	091		
-																
090	PACS Detec Out 23 . 2		PDO.-	-	P041	012SS-38	3			TRIAX	HPSVMCB1	28	313100 J007	090	1P	1P
081	PACS Detec Out 23 . I		PDO.-	-	P041	012SS-38	3			inner Shield	HPSVMCB1	28	313100 J007	081		
089	PACS Detec Out 23 . O		PDO.-	-	P041	012SS-38	3			outer Shield	HPSVMCB1	28	313100 J007	089		
-																
096	PACS Detec Out 24 . 2		PDO.-	-	P042	012SS-38	4			TRIAX	HPSVMCB1	28	313100 J007	096	1P	1P
095	PACS Detec Out 24 . I		PDO.-	-	P042	012SS-38	4			inner Shield	HPSVMCB1	28	313100 J007	095		
097	PACS Detec Out 24 . O		PDO.-	-	P042	012SS-38	4			outer Shield	HPSVMCB1	28	313100 J007	097		
-																
087	PACS Detec Out 25 . 2		PDO.-	-	P043	012SS-38	5			TRIAX	HPSVMCB1	28	313100 J007	087	1P	1P
094	PACS Detec Out 25 . I		PDO.-	-	P043	012SS-38	5			inner Shield	HPSVMCB1	28	313100 J007	094		
088	PACS Detec Out 25 . O		PDO.-	-	P043	012SS-38	5			outer Shield	HPSVMCB1	28	313100 J007	088		
-																
080	PACS Detec Outref b Gr 2 . 2		PDR.X	-	P14B	012BS-38	6			TRIAX	HPSVMCB1	28	313100 J007	080	1P	1P
070	PACS Detec Outref b Gr 2 . I		PDR.X	-	P14B	012BS-38	6			inner Shield	HPSVMCB1	28	313100 J007	070		
079	PACS Detec Outref b Gr 2 . O		PDR.X	-	P14B	012BS-38	6			outer Shield	HPSVMCB1	28	313100 J007	079		
-																
086	PACS Detec Synch Gr 2 . SIG		PDS.-	-	P044	021SS-38	7				HPSVMCB1	28	313100 J007	086	2C	2C
086	PACS Detec Synch Gr 2 . SIG		PDS.-	-	P044	021SS-38	7				HPSVMCB1	28	313100 J007	086	2C	2C
077	PACS Detec Synch Gr 2 . SH044		PDS.-	-	P044	021SS-38	7			CS-P044	HPSVMCB1	28	313100 J007	077	1P	1P
-																
068	PACS Detec Clock Gr 2 . SIG		PDC.-	-	P045	021SS-38	8				HPSVMCB1	28	313100 J007	068	2C	2C
068	PACS Detec Clock Gr 2 . SIG		PDC.-	-	P045	021SS-38	8				HPSVMCB1	28	313100 J007	068	2C	2C
078	PACS Detec Clock Gr 2 . SH045		PDC.-	-	P045	021SS-38	8			CS-P045	HPSVMCB1	28	313100 J007	078	1P	1P
-																
076	PACS Detec Out 14 . 2		PDO.-	-	P032	012SS-38	9			TRIAX	HPSVMCB1	28	313100 J007	076	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P008
 CVVUCR

Function / Bundle: SIH-XP-02 (14b;39-45;14a;32-38;4-6)

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.												
075	PACS Detec Out 14 . I		PDO.-	-	P032	012SS-38	9			inner Shield	HPSVMCB1	28	313100 J007	075		
085	PACS Detec Out 14 . O		PDO.-	-	P032	012SS-38	9			outer Shield	HPSVMCB1	28	313100 J007	085		
-																
074	PACS Detec Out 15 . 2		PDO.-	-	P033	012SS-38	10			TRIAx	HPSVMCB1	28	313100 J007	074	1P	1P
083	PACS Detec Out 15 . I		PDO.-	-	P033	012SS-38	10			inner Shield	HPSVMCB1	28	313100 J007	083		
084	PACS Detec Out 15 . O		PDO.-	-	P033	012SS-38	10			outer Shield	HPSVMCB1	28	313100 J007	084		
-																
072	PACS Detec Out 16 . 2		PDO.-	-	P034	012SS-38	11			TRIAx	HPSVMCB1	28	313100 J007	072	1P	1P
073	PACS Detec Out 16 . I		PDO.-	-	P034	012SS-38	11			inner Shield	HPSVMCB1	28	313100 J007	073		
082	PACS Detec Out 16 . O		PDO.-	-	P034	012SS-38	11			outer Shield	HPSVMCB1	28	313100 J007	082		
-																
061	PACS Detec Out 17 . 2		PDO.-	-	P035	012SS-38	12			TRIAx	HPSVMCB1	28	313100 J007	061	1P	1P
071	PACS Detec Out 17 . I		PDO.-	-	P035	012SS-38	12			inner Shield	HPSVMCB1	28	313100 J007	071		
060	PACS Detec Out 17 . O		PDO.-	-	P035	012SS-38	12			outer Shield	HPSVMCB1	28	313100 J007	060		
-																
059	PACS Detec Out 18 . 2		PDO.-	-	P036	012SS-38	13			TRIAx	HPSVMCB1	28	313100 J007	059	1P	1P
058	PACS Detec Out 18 . I		PDO.-	-	P036	012SS-38	13			inner Shield	HPSVMCB1	28	313100 J007	058		
069	PACS Detec Out 18 . O		PDO.-	-	P036	012SS-38	13			outer Shield	HPSVMCB1	28	313100 J007	069		
-																
055	PACS Detec Out 19 . 2		PDO.-	-	P037	012SS-38	14			TRIAx	HPSVMCB1	28	313100 J007	055	1P	1P
066	PACS Detec Out 19 . I		PDO.-	-	P037	012SS-38	14			inner Shield	HPSVMCB1	28	313100 J007	066		
065	PACS Detec Out 19 . O		PDO.-	-	P037	012SS-38	14			outer Shield	HPSVMCB1	28	313100 J007	065		
-																
053	PACS Detec Out 20 . 2		PDO.-	-	P038	012SS-38	15			TRIAx	HPSVMCB1	28	313100 J007	053	1P	1P
054	PACS Detec Out 20 . I		PDO.-	-	P038	012SS-38	15			inner Shield	HPSVMCB1	28	313100 J007	054		
064	PACS Detec Out 20 . O		PDO.-	-	P038	012SS-38	15			outer Shield	HPSVMCB1	28	313100 J007	064		
-																
052	PACS Detec Outref a Gr 2 . 2		PDR.X	-	P14A	012BS-38	16			TRIAx	HPSVMCB1	28	313100 J007	052	1P	1P
051	PACS Detec Outref a Gr 2 . I		PDR.X	-	P14A	012BS-38	16			inner Shield	HPSVMCB1	28	313100 J007	051		
062	PACS Detec Outref a Gr 2 . O		PDR.X	-	P14A	012BS-38	16			outer Shield	HPSVMCB1	28	313100 J007	062		
-																
041	PACS Logic Supply Gr 2 . SELC2		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	041	2C	2C
031	PACS Logic Supply Gr 2 . SEL12		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	031		

Pin Allocation List

(Harness)

Connector: 211121 P008
 CVVUCR

Function / Bundle: SIH-XP-02 (14b;39-45;14a;32-38;4-6)

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.											1P	1P
042	PACS Logic Supply Gr 2 . SEL22		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	042	1P	1P
032	PACS Logic Supply Gr 2 . CaDs2		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	032		
043	PACS Logic Supply Gr 2 . CaD2		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	043		
033	PACS Logic Supply Gr 2 . CnDs2		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	033		
044	PACS Logic Supply Gr 2 . CnD2		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	044		
034	PACS Logic Supply Gr 2 . VDDs2		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	034		
045	PACS Logic Supply Gr 2 . VDD2		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	045	2C	2C
045	PACS Logic Supply Gr 2 . VDD2		PD1.-	-	P004	111SS-38	17				HPSVMCB1	28	313100 J007	045	2C	2C
030	PACS Logic Supply Gr 2 . SH004		PD1.-	-	P004	111SS-38	17			CS-P004	HPSVMCB1	28	313100 J007	030	1P	1P
-										1 NU wire con to CS-P004						1P
-																
009	PACS DC Supply Gr 2 . VDDa2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	009	2C	2C
009	PACS DC Supply Gr 2 . VDDa2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	009	2C	2C
018	PACS DC Supply Gr 2 . VDas2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	018		
010	PACS DC Supply Gr 2 . VSS2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	010	2C	2C
010	PACS DC Supply Gr 2 . VSS2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	010	2C	2C
019	PACS DC Supply Gr 2 . VSSs2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	019		
011	PACS DC Supply Gr 2 . CaP2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	011		
020	PACS DC Supply Gr 2 . CaPs2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	020		
012	PACS DC Supply Gr 2 . CaN2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	012	1P	1P
021	PACS DC Supply Gr 2 . CaNs2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	021		
013	PACS DC Supply Gr 2 . CaN12		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	013		
022	PACS DC Supply Gr 2 . CN1s2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	022		
014	PACS DC Supply Gr 2 . CaN22		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	014		
023	PACS DC Supply Gr 2 . CN2s2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	023		
015	PACS DC Supply Gr 2 . VDDr2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	015		
024	PACS DC Supply Gr 2 . VDr2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	024		
006	PACS DC Supply Gr 2 . LVL2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	006		
007	PACS DC Supply Gr 2 . LVLs2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	007		
004	PACS DC Supply Gr 2 . WELL2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	004		
005	PACS DC Supply Gr 2 . WELs2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	005		
002	PACS DC Supply Gr 2 . SUB2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	002		
003	PACS DC Supply Gr 2 . SUBs2		PD2.-	-	P005	241SS-38	18				HPSVMCB1	28	313100 J007	003		
001	PACS DC Supply Gr 2 . SH005		PD2.-	-	P005	241SS-38	18			CS-P005	HPSVMCB1	28	313100 J007	001	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 180 (of 464)

Connector: 211121 P008
 CVVUCR

Function / Bundle: SIH-XP-02 (14b;39-45;14a;32-38;4-6)

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.											
-									2 NU wire con to CS-P005						1P
027	PACS Detec Bias Gr 2 . Zero2		PD3.-	-	P006	061SS-38	19				HPSVMCB1	28	313100 J007	027	2C 2C
038	PACS Detec Bias Gr 2 . Zers2		PD3.-	-	P006	061SS-38	19				HPSVMCB1	28	313100 J007	038	
028	PACS Detec Bias Gr 2 . Gnd2		PD3.-	-	P006	061SS-38	19				HPSVMCB1	28	313100 J007	028	
039	PACS Detec Bias Gr 2 . GnSe2		PD3.-	-	P006	061SS-38	19				HPSVMCB1	28	313100 J007	039	1P 1P
029	PACS Detec Bias Gr 2 . R2		PD3.-	-	P006	061SS-38	19				HPSVMCB1	28	313100 J007	029	
040	PACS Detec Bias Gr 2 . Rs2		PD3.-	-	P006	061SS-38	19				HPSVMCB1	28	313100 J007	040	
037	PACS Detec Bias Gr 2 . SH006		PD3.-	-	P006	061SS-38	19			CS-P006	HPSVMCB1	28	313100 J007	037	1P 1P
CH	Overall Shield								Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313100 J007
HPSVMCB1

Function / Bundle: SIH-XP-02 (14a;14b;32-45;4-6)

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.											1P	1P
093	PACS Detec Out 21 . 2		PDO.-	-	P039	012SS-38	1			TRIAx	CVVUCR	33	211121 P008	093	1P	1P
092	PACS Detec Out 21 . I		PDO.-	-	P039	012SS-38	1			inner Shield	CVVUCR	33	211121 P008	092		
100	PACS Detec Out 21 . O		PDO.-	-	P039	012SS-38	1			outer Shield	CVVUCR	33	211121 P008	100		
-																
099	PACS Detec Out 22 . 2		PDO.-	-	P040	012SS-38	2			TRIAx	CVVUCR	33	211121 P008	099	1P	1P
098	PACS Detec Out 22 . I		PDO.-	-	P040	012SS-38	2			inner Shield	CVVUCR	33	211121 P008	098		
091	PACS Detec Out 22 . O		PDO.-	-	P040	012SS-38	2			outer Shield	CVVUCR	33	211121 P008	091		
-																
090	PACS Detec Out 23 . 2		PDO.-	-	P041	012SS-38	3			TRIAx	CVVUCR	33	211121 P008	090	1P	1P
081	PACS Detec Out 23 . I		PDO.-	-	P041	012SS-38	3			inner Shield	CVVUCR	33	211121 P008	081		
089	PACS Detec Out 23 . O		PDO.-	-	P041	012SS-38	3			outer Shield	CVVUCR	33	211121 P008	089		
-																
096	PACS Detec Out 24 . 2		PDO.-	-	P042	012SS-38	4			TRIAx	CVVUCR	33	211121 P008	096	1P	1P
095	PACS Detec Out 24 . I		PDO.-	-	P042	012SS-38	4			inner Shield	CVVUCR	33	211121 P008	095		
097	PACS Detec Out 24 . O		PDO.-	-	P042	012SS-38	4			outer Shield	CVVUCR	33	211121 P008	097		
-																
087	PACS Detec Out 25 . 2		PDO.-	-	P043	012SS-38	5			TRIAx	CVVUCR	33	211121 P008	087	1P	1P
094	PACS Detec Out 25 . I		PDO.-	-	P043	012SS-38	5			inner Shield	CVVUCR	33	211121 P008	094		
088	PACS Detec Out 25 . O		PDO.-	-	P043	012SS-38	5			outer Shield	CVVUCR	33	211121 P008	088		
-																
080	PACS Detec Outref b Gr 2 . 2		PDR.X	-	P14B	012BS-38	6			TRIAx	CVVUCR	33	211121 P008	080	1P	1P
070	PACS Detec Outref b Gr 2 . I		PDR.X	-	P14B	012BS-38	6			inner Shield	CVVUCR	33	211121 P008	070		
079	PACS Detec Outref b Gr 2 . O		PDR.X	-	P14B	012BS-38	6			outer Shield	CVVUCR	33	211121 P008	079		
-																
086	PACS Detec Synch Gr 2 . SIG		PDS.-	-	P044	021SS-38	7				CVVUCR	33	211121 P008	086	2C	2C
086	PACS Detec Synch Gr 2 . SIG		PDS.-	-	P044	021SS-38	7				CVVUCR	33	211121 P008	086	2C	2C
077	PACS Detec Synch Gr 2 . SH044		PDS.-	-	P044	021SS-38	7			CS-P044	CVVUCR	33	211121 P008	077	1P	1P
-																
068	PACS Detec Clock Gr 2 . SIG		PDC.-	-	P045	021SS-38	8				CVVUCR	33	211121 P008	068	2C	2C
068	PACS Detec Clock Gr 2 . SIG		PDC.-	-	P045	021SS-38	8				CVVUCR	33	211121 P008	068	2C	2C
078	PACS Detec Clock Gr 2 . SH045		PDC.-	-	P045	021SS-38	8			CS-P045	CVVUCR	33	211121 P008	078	1P	1P
-																
076	PACS Detec Out 14 . 2		PDO.-	-	P032	012SS-38	9			TRIAx	CVVUCR	33	211121 P008	076	1P	1P

Pin Allocation List

(Harness)

Connector: 313100 J007
 HPSVMCB1

Function / Bundle: SIH-XP-02 (14a;14b;32-45;4-6)

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.												
075	PACS Detec Out 14 . I		PDO.-	-	P032	012SS-38	9			inner Shield	CVVUCR	33	211121 P008	075		
085	PACS Detec Out 14 . O		PDO.-	-	P032	012SS-38	9			outer Shield	CVVUCR	33	211121 P008	085		
-																
074	PACS Detec Out 15 . 2		PDO.-	-	P033	012SS-38	10			TRIAx	CVVUCR	33	211121 P008	074	1P	1P
083	PACS Detec Out 15 . I		PDO.-	-	P033	012SS-38	10			inner Shield	CVVUCR	33	211121 P008	083		
084	PACS Detec Out 15 . O		PDO.-	-	P033	012SS-38	10			outer Shield	CVVUCR	33	211121 P008	084		
-																
072	PACS Detec Out 16 . 2		PDO.-	-	P034	012SS-38	11			TRIAx	CVVUCR	33	211121 P008	072	1P	1P
073	PACS Detec Out 16 . I		PDO.-	-	P034	012SS-38	11			inner Shield	CVVUCR	33	211121 P008	073		
082	PACS Detec Out 16 . O		PDO.-	-	P034	012SS-38	11			outer Shield	CVVUCR	33	211121 P008	082		
-																
061	PACS Detec Out 17 . 2		PDO.-	-	P035	012SS-38	12			TRIAx	CVVUCR	33	211121 P008	061	1P	1P
071	PACS Detec Out 17 . I		PDO.-	-	P035	012SS-38	12			inner Shield	CVVUCR	33	211121 P008	071		
060	PACS Detec Out 17 . O		PDO.-	-	P035	012SS-38	12			outer Shield	CVVUCR	33	211121 P008	060		
-																
059	PACS Detec Out 18 . 2		PDO.-	-	P036	012SS-38	13			TRIAx	CVVUCR	33	211121 P008	059	1P	1P
058	PACS Detec Out 18 . I		PDO.-	-	P036	012SS-38	13			inner Shield	CVVUCR	33	211121 P008	058		
069	PACS Detec Out 18 . O		PDO.-	-	P036	012SS-38	13			outer Shield	CVVUCR	33	211121 P008	069		
-																
055	PACS Detec Out 19 . 2		PDO.-	-	P037	012SS-38	14			TRIAx	CVVUCR	33	211121 P008	055	1P	1P
066	PACS Detec Out 19 . I		PDO.-	-	P037	012SS-38	14			inner Shield	CVVUCR	33	211121 P008	066		
065	PACS Detec Out 19 . O		PDO.-	-	P037	012SS-38	14			outer Shield	CVVUCR	33	211121 P008	065		
-																
053	PACS Detec Out 20 . 2		PDO.-	-	P038	012SS-38	15			TRIAx	CVVUCR	33	211121 P008	053	1P	1P
054	PACS Detec Out 20 . I		PDO.-	-	P038	012SS-38	15			inner Shield	CVVUCR	33	211121 P008	054		
064	PACS Detec Out 20 . O		PDO.-	-	P038	012SS-38	15			outer Shield	CVVUCR	33	211121 P008	064		
-																
052	PACS Detec Outref a Gr 2 . 2		PDR.X	-	P14A	012BS-38	16			TRIAx	CVVUCR	33	211121 P008	052	1P	1P
051	PACS Detec Outref a Gr 2 . I		PDR.X	-	P14A	012BS-38	16			inner Shield	CVVUCR	33	211121 P008	051		
062	PACS Detec Outref a Gr 2 . O		PDR.X	-	P14A	012BS-38	16			outer Shield	CVVUCR	33	211121 P008	062		
-																
041	PACS Logic Supply Gr 2 . SELC2		PD1.-	-	P004	111SS-38	17				CVVUCR	33	211121 P008	041	2C	2C
031	PACS Logic Supply Gr 2 . SEL12		PD1.-	-	P004	111SS-38	17				CVVUCR	33	211121 P008	031		

Pin Allocation List

(Harness)

Connector: 313100 J007
HPSVMCB1

Function / Bundle: SIH-XP-02 (14a;14b;32-45;4-6)

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.											1P	1P
042	PACS Logic Supply Gr 2 . SEL22		PD1.-	-	P004	111SS-38	17				CVWUCR	33	211121 P008	042	1P	1P
032	PACS Logic Supply Gr 2 . CaDs2		PD1.-	-	P004	111SS-38	17				CVWUCR	33	211121 P008	032		
043	PACS Logic Supply Gr 2 . CaD2		PD1.-	-	P004	111SS-38	17				CVWUCR	33	211121 P008	043		
033	PACS Logic Supply Gr 2 . CnDs2		PD1.-	-	P004	111SS-38	17				CVWUCR	33	211121 P008	033		
044	PACS Logic Supply Gr 2 . CnD2		PD1.-	-	P004	111SS-38	17				CVWUCR	33	211121 P008	044		
034	PACS Logic Supply Gr 2 . VDDs2		PD1.-	-	P004	111SS-38	17				CVWUCR	33	211121 P008	034		
045	PACS Logic Supply Gr 2 . VDD2		PD1.-	-	P004	111SS-38	17				CVWUCR	33	211121 P008	045	2C	2C
045	PACS Logic Supply Gr 2 . VDD2		PD1.-	-	P004	111SS-38	17				CVWUCR	33	211121 P008	045	2C	2C
030	PACS Logic Supply Gr 2 . SH004		PD1.-	-	P004	111SS-38	17			CS-P004	CVWUCR	33	211121 P008	030	1P	1P
-										1 NU wire con to CS-P004						1P
-																
009	PACS DC Supply Gr 2 . VDDa2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	009	2C	2C
009	PACS DC Supply Gr 2 . VDDa2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	009	2C	2C
018	PACS DC Supply Gr 2 . VDas2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	018		
010	PACS DC Supply Gr 2 . VSS2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	010	2C	2C
010	PACS DC Supply Gr 2 . VSS2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	010	2C	2C
019	PACS DC Supply Gr 2 . VSSs2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	019		
011	PACS DC Supply Gr 2 . CaP2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	011		
020	PACS DC Supply Gr 2 . CaPs2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	020		
012	PACS DC Supply Gr 2 . CaN2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	012	1P	1P
021	PACS DC Supply Gr 2 . CaNs2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	021		
013	PACS DC Supply Gr 2 . CaN12		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	013		
022	PACS DC Supply Gr 2 . CN1s2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	022		
014	PACS DC Supply Gr 2 . CaN22		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	014		
023	PACS DC Supply Gr 2 . CN2s2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	023		
015	PACS DC Supply Gr 2 . VDDr2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	015		
024	PACS DC Supply Gr 2 . VDr2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	024		
006	PACS DC Supply Gr 2 . LVL2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	006		
007	PACS DC Supply Gr 2 . LVLs2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	007		
004	PACS DC Supply Gr 2 . WELL2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	004		
005	PACS DC Supply Gr 2 . WELs2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	005		
002	PACS DC Supply Gr 2 . SUB2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	002		
003	PACS DC Supply Gr 2 . SUBs2		PD2.-	-	P005	241SS-38	18				CVWUCR	33	211121 P008	003		
001	PACS DC Supply Gr 2 . SH005		PD2.-	-	P005	241SS-38	18			CS-P005	CVWUCR	33	211121 P008	001	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 184 (of 464)

Connector: 313100 J007
 HPSVMCB1

Function / Bundle: SIH-XP-02 (14a;14b;32-45;4-6)

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.											
-									2 NU wires con to CS-P005						1P
027	PACS Detec Bias Gr 2 . Zero2		PD3.-	-	P006	061SS-38	19				CVVUCR	33	211121 P008	027	2C 2C
038	PACS Detec Bias Gr 2 . Zers2		PD3.-	-	P006	061SS-38	19				CVVUCR	33	211121 P008	038	
028	PACS Detec Bias Gr 2 . Gnd2		PD3.-	-	P006	061SS-38	19				CVVUCR	33	211121 P008	028	
039	PACS Detec Bias Gr 2 . GnSe2		PD3.-	-	P006	061SS-38	19				CVVUCR	33	211121 P008	039	1P 1P
029	PACS Detec Bias Gr 2 . R2		PD3.-	-	P006	061SS-38	19				CVVUCR	33	211121 P008	029	
040	PACS Detec Bias Gr 2 . Rs2		PD3.-	-	P006	061SS-38	19				CVVUCR	33	211121 P008	040	
037	PACS Detec Bias Gr 2 . SH006		PD3.-	-	P006	061SS-38	19			CS-P006	CVVUCR	33	211121 P008	037	1P 1P
CH	Overall Shield								Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 211121 P002
 CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.												
107	PACS DC Supply Gr 3 . VDDa3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	107	2C	2C
107	PACS DC Supply Gr 3 . VDDa3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	107	2C	2C
116	PACS DC Supply Gr 3 . VDAs3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	116		
123	PACS DC Supply Gr 3 . VSS3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	123	2C	2C
123	PACS DC Supply Gr 3 . VSS3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	123	2C	2C
124	PACS DC Supply Gr 3 . VSSs3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	124		
108	PACS DC Supply Gr 3 . CaP3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	108		
117	PACS DC Supply Gr 3 . CaPs3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	117		
109	PACS DC Supply Gr 3 . CaN3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	109	2C	2C
118	PACS DC Supply Gr 3 . CaNs3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	118		
125	PACS DC Supply Gr 3 . CaN13		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	125		
126	PACS DC Supply Gr 3 . CN1s3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	126	1P	1P
110	PACS DC Supply Gr 3 . CaN23		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	110		
119	PACS DC Supply Gr 3 . CN2s3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	119		
127	PACS DC Supply Gr 3 . VDDr3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	127		
128	PACS DC Supply Gr 3 . VDrs3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	128		
111	PACS DC Supply Gr 3 . LVL3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	111		
120	PACS DC Supply Gr 3 . LVLs3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	120		
121	PACS DC Supply Gr 3 . WELl3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	121		
114	PACS DC Supply Gr 3 . WELs3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	114		
112	PACS DC Supply Gr 3 . SUB3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	112		
113	PACS DC Supply Gr 3 . SUBs3		PD2.-	-	P008	241SS-38	1				HPSVMCB1	28	313100 J002	113		
122	PACS DC Supply Gr 3 . SH008		PD2.-	-	P008	241SS-38	1			CS-P008	HPSVMCB1	28	313100 J002	122	1P	1P
-										2 NU wires con to CS-P008						1P
-																
104	PACS Detec Bias Gr 3 . Zero3		PD3.-	-	P009	061SS-38	2				HPSVMCB1	28	313100 J002	104	2C	2C
103	PACS Detec Bias Gr 3 . Zers3		PD3.-	-	P009	061SS-38	2				HPSVMCB1	28	313100 J002	103		
092	PACS Detec Bias Gr 3 . Gnd3		PD3.-	-	P009	061SS-38	2				HPSVMCB1	28	313100 J002	092		
102	PACS Detec Bias Gr 3 . GnSe3		PD3.-	-	P009	061SS-38	2				HPSVMCB1	28	313100 J002	102	1P	1P
093	PACS Detec Bias Gr 3 . R3		PD3.-	-	P009	061SS-38	2				HPSVMCB1	28	313100 J002	093		
091	PACS Detec Bias Gr 3 . Rs3		PD3.-	-	P009	061SS-38	2				HPSVMCB1	28	313100 J002	091		
090	PACS Detec Bias Gr 3 . SH009		PD3.-	-	P009	061SS-38	2			CS-P009	HPSVMCB1	28	313100 J002	090	1P	1P
-																
089	PACS Logic Supply Gr 3 . SELC3		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	089	2C	2C

Pin Allocation List

(Harness)

Connector: 211121 P002
 CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.												
101	PACS Logic Supply Gr 3 . SEL13		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	101		
100	PACS Logic Supply Gr 3 . SEL23		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	100		
088	PACS Logic Supply Gr 3 . CaDs3		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	088	1P	1P
087	PACS Logic Supply Gr 3 . CaD3		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	087		
099	PACS Logic Supply Gr 3 . CnDs3		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	099		
098	PACS Logic Supply Gr 3 . CnD3		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	098		
086	PACS Logic Supply Gr 3 . VDDs3		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	086		
097	PACS Logic Supply Gr 3 . VDD3		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	097	2C	2C
097	PACS Logic Supply Gr 3 . VDD3		PD1.-	-	P007	111SS-38	3				HPSVMCB1	28	313100 J002	097	2C	2C
085	PACS Logic Supply Gr 3 . SH007		PD1.-	-	P007	111SS-38	3			CS-P007	HPSVMCB1	28	313100 J002	085	1P	1P
-										1 NU wire con to CS-P007						1P
-																
070	PACS Detec Out 01 . 3		PDO.-	-	P046	012SS-38	4			TRIAX	HPSVMCB1	28	313100 J002	070	1P	1P
069	PACS Detec Out 01 . I		PDO.-	-	P046	012SS-38	4			inner Shield	HPSVMCB1	28	313100 J002	069		
081	PACS Detec Out 01 . O		PDO.-	-	P046	012SS-38	4			outer Shield	HPSVMCB1	28	313100 J002	081		
-																
079	PACS Detec Out 02 . 3		PDO.-	-	P047	012SS-38	5			TRIAX	HPSVMCB1	28	313100 J002	079	1P	1P
080	PACS Detec Out 02 . I		PDO.-	-	P047	012SS-38	5			inner Shield	HPSVMCB1	28	313100 J002	080		
068	PACS Detec Out 02 . O		PDO.-	-	P047	012SS-38	5			outer Shield	HPSVMCB1	28	313100 J002	068		
-																
066	PACS Detec Out 03 . 3		PDO.-	-	P048	012SS-38	6			TRIAX	HPSVMCB1	28	313100 J002	066	1P	1P
078	PACS Detec Out 03 . I		PDO.-	-	P048	012SS-38	6			inner Shield	HPSVMCB1	28	313100 J002	078		
067	PACS Detec Out 03 . O		PDO.-	-	P048	012SS-38	6			outer Shield	HPSVMCB1	28	313100 J002	067		
-																
076	PACS Detec Out 04 . 3		PDO.-	-	P049	012SS-38	7			TRIAX	HPSVMCB1	28	313100 J002	076	1P	1P
065	PACS Detec Out 04 . I		PDO.-	-	P049	012SS-38	7			inner Shield	HPSVMCB1	28	313100 J002	065		
077	PACS Detec Out 04 . O		PDO.-	-	P049	012SS-38	7			outer Shield	HPSVMCB1	28	313100 J002	077		
-																
073	PACS Detec Out 05 . 3		PDO.-	-	P050	012SS-38	8			TRIAX	HPSVMCB1	28	313100 J002	073	1P	1P
062	PACS Detec Out 05 . I		PDO.-	-	P050	012SS-38	8			inner Shield	HPSVMCB1	28	313100 J002	062		
074	PACS Detec Out 05 . O		PDO.-	-	P050	012SS-38	8			outer Shield	HPSVMCB1	28	313100 J002	074		
-																
095	PACS Detec Out 06 . 3		PDO.-	-	P051	012SS-38	9			TRIAX	HPSVMCB1	28	313100 J002	095	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P002
 CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.											
084	PACS Detec Out 06 . I		PDO.- -		P051	012SS-38	9			inner Shield	HPSVMCB1	28	313100 J002	084	
096	PACS Detec Out 06 . O		PDO.- -		P051	012SS-38	9			outer Shield	HPSVMCB1	28	313100 J002	096	
-															
071	PACS Detec Out 07 . 3		PDO.- -		P052	012SS-38	10			TRIAx	HPSVMCB1	28	313100 J002	071	1P 1P
083	PACS Detec Out 07 . I		PDO.- -		P052	012SS-38	10			inner Shield	HPSVMCB1	28	313100 J002	083	
072	PACS Detec Out 07 . O		PDO.- -		P052	012SS-38	10			outer Shield	HPSVMCB1	28	313100 J002	072	
-															
048	PACS Detec Outref a Gr 3 . 3		PDR.- -		P15A	012SS-38	11			TRIAx	HPSVMCB1	28	313100 J002	048	1P 1P
049	PACS Detec Outref a Gr 3 . I		PDR.- -		P15A	012SS-38	11			inner Shield	HPSVMCB1	28	313100 J002	049	
060	PACS Detec Outref a Gr 3 . O		PDR.- -		P15A	012SS-38	11			outer Shield	HPSVMCB1	28	313100 J002	060	
-															
063	PACS Detec Out 08 . 3		PDO.- -		P053	012SS-38	12			TRIAx	HPSVMCB1	28	313100 J002	063	1P 1P
075	PACS Detec Out 08 . I		PDO.- -		P053	012SS-38	12			inner Shield	HPSVMCB1	28	313100 J002	075	
064	PACS Detec Out 08 . O		PDO.- -		P053	012SS-38	12			outer Shield	HPSVMCB1	28	313100 J002	064	
-															
047	PACS Detec Out 09 . 3		PDO.- -		P054	012SS-38	13			TRIAx	HPSVMCB1	28	313100 J002	047	1P 1P
046	PACS Detec Out 09 . I		PDO.- -		P054	012SS-38	13			inner Shield	HPSVMCB1	28	313100 J002	046	
058	PACS Detec Out 09 . O		PDO.- -		P054	012SS-38	13			outer Shield	HPSVMCB1	28	313100 J002	058	
-															
057	PACS Detec Out 10 . 3		PDO.- -		P055	012SS-38	14			TRIAx	HPSVMCB1	28	313100 J002	057	1P 1P
056	PACS Detec Out 10 . I		PDO.- -		P055	012SS-38	14			inner Shield	HPSVMCB1	28	313100 J002	056	
045	PACS Detec Out 10 . O		PDO.- -		P055	012SS-38	14			outer Shield	HPSVMCB1	28	313100 J002	045	
-															
044	PACS Detec Out 11 . 3		PDO.- -		P056	012SS-38	15			TRIAx	HPSVMCB1	28	313100 J002	044	1P 1P
043	PACS Detec Out 11 . I		PDO.- -		P056	012SS-38	15			inner Shield	HPSVMCB1	28	313100 J002	043	
055	PACS Detec Out 11 . O		PDO.- -		P056	012SS-38	15			outer Shield	HPSVMCB1	28	313100 J002	055	
-															
042	PACS Detec Out 12 . 3		PDO.- -		P057	012SS-38	16			TRIAx	HPSVMCB1	28	313100 J002	042	1P 1P
053	PACS Detec Out 12 . I		PDO.- -		P057	012SS-38	16			inner Shield	HPSVMCB1	28	313100 J002	053	
054	PACS Detec Out 12 . O		PDO.- -		P057	012SS-38	16			outer Shield	HPSVMCB1	28	313100 J002	054	
-															
040	PACS Detec Out 13 . 3		PDO.- -		P058	012SS-38	17			TRIAx	HPSVMCB1	28	313100 J002	040	1P 1P
041	PACS Detec Out 13 . I		PDO.- -		P058	012SS-38	17			inner Shield	HPSVMCB1	28	313100 J002	041	

Pin Allocation List

(Harness)

Connector: 211121 P002
CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.												
052	PACS Detec Out 13 . O		PDO.- -		P058	012SS-38	17			outer Shield	HPSVMCB1	28	313100 J002	052		
-																
050	PACS Detec Outref b Gr 3 . 3		PDR.- -		P15B	012SS-38	18			TRIAx	HPSVMCB1	28	313100 J002	050	1P	1P
039	PACS Detec Outref b Gr 3 . I		PDR.- -		P15B	012SS-38	18			inner Shield	HPSVMCB1	28	313100 J002	039		
051	PACS Detec Outref b Gr 3 . O		PDR.- -		P15B	012SS-38	18			outer Shield	HPSVMCB1	28	313100 J002	051		
-																
017	PACS Detec Synch Gr 3 . SIG		PDS.- -		P059	021SS-38	19				HPSVMCB1	28	313100 J002	017	1P	2C
017	PACS Detec Synch Gr 3 . SIG		PDS.- -		P059	021SS-38	19				HPSVMCB1	28	313100 J002	017	1P	2C
009	PACS Detec Synch Gr 3 . SH059		PDS.- -		P059	021SS-38	19			CS-P059	HPSVMCB1	28	313100 J002	009	1P	1P
-																
018	PACS Detec Clock Gr 3 . SIG		PDC.- -		P060	021SS-38	20				HPSVMCB1	28	313100 J002	018	2C	2C
018	PACS Detec Clock Gr 3 . SIG		PDC.- -		P060	021SS-38	20				HPSVMCB1	28	313100 J002	018	2C	2C
028	PACS Detec Clock Gr 3 . SH060		PDC.- -		P060	021SS-38	20			CS-P060	HPSVMCB1	28	313100 J002	028	1P	1P
-																
010	PACS Detec Tsens+H Sup 3/4 . I163		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	010	2C	2C
019	PACS Detec Tsens+H Sup 3/4 . U163		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	019		2C
011	PACS Detec Tsens+H Sup 3/4 . U263		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	011		
020	PACS Detec Tsens+H Sup 3/4 . U363		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	020	1P	1P
012	PACS Detec Tsens+H Sup 3/4 . I263		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	012		
021	PACS Detec Tsens+H Sup 3/4 . I1194		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	021		
013	PACS Detec Tsens+H Sup 3/4 . U1194		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	013		
022	PACS Detec Tsens+H Sup 3/4 . U2194		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	022		
014	PACS Detec Tsens+H Sup 3/4 . U3194		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	014		
023	PACS Detec Tsens+H Sup 3/4 . I2194		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	023		
004	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	004	2C	2C
004	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	004	2C	2C
005	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	005	2C	2C
005	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	005	2C	2C
006	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	006	2C	2C
006	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	006	2C	2C
007	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	007	2C	2C
007	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.- -		P076	191SS-38	21				HPSVMCB1	28	313100 J002	007	2C	2C
003	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.- -		P076	191SS-38	21			CS-P076	HPSVMCB1	28	313100 J002	003	1P	1P
-										1 NU wire con to CS-P076						1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 189 (of 464)

Connector: 211121 P002
CVVUCR

Function / Bundle: SIH-XP-03 (7-9;15a;46-52;15b;53-60;76)

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.											
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 190 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313100 J002
HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

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.												
107	PACS DC Supply Gr 3 . VDDa3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	107	2C	2C
107	PACS DC Supply Gr 3 . VDDa3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	107	2C	2C
116	PACS DC Supply Gr 3 . VDas3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	116		
123	PACS DC Supply Gr 3 . VSS3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	123	2C	2C
123	PACS DC Supply Gr 3 . VSS3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	123	2C	2C
124	PACS DC Supply Gr 3 . VSSs3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	124		
108	PACS DC Supply Gr 3 . CaP3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	108		
117	PACS DC Supply Gr 3 . CaPs3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	117		
109	PACS DC Supply Gr 3 . CaN3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	109	2C	2C
118	PACS DC Supply Gr 3 . CaNs3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	118		
125	PACS DC Supply Gr 3 . CaN13		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	125		
126	PACS DC Supply Gr 3 . CN1s3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	126	1P	1P
110	PACS DC Supply Gr 3 . CaN23		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	110		
119	PACS DC Supply Gr 3 . CN2s3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	119		
127	PACS DC Supply Gr 3 . VDDR3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	127		
128	PACS DC Supply Gr 3 . VDrs3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	128		
111	PACS DC Supply Gr 3 . LVL3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	111		
120	PACS DC Supply Gr 3 . LVLs3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	120		
121	PACS DC Supply Gr 3 . WELL3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	121		
114	PACS DC Supply Gr 3 . WELs3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	114		
112	PACS DC Supply Gr 3 . SUB3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	112		
113	PACS DC Supply Gr 3 . SUBs3		PD2.-	-	P008	241SS-38	1				CVVUCR	33	211121 P002	113		
122	PACS DC Supply Gr 3 . SH008		PD2.-	-	P008	241SS-38	1			CS-P008	CVVUCR	33	211121 P002	122	1P	1P
-										2 NU wires con to CS-P008						1P
-																
104	PACS Detec Bias Gr 3 . Zero3		PD3.-	-	P009	061SS-38	2				CVVUCR	33	211121 P002	104	2C	2C
103	PACS Detec Bias Gr 3 . Zers3		PD3.-	-	P009	061SS-38	2				CVVUCR	33	211121 P002	103		
092	PACS Detec Bias Gr 3 . Gnd3		PD3.-	-	P009	061SS-38	2				CVVUCR	33	211121 P002	092		
102	PACS Detec Bias Gr 3 . GnSe3		PD3.-	-	P009	061SS-38	2				CVVUCR	33	211121 P002	102	1P	1P
093	PACS Detec Bias Gr 3 . R3		PD3.-	-	P009	061SS-38	2				CVVUCR	33	211121 P002	093		
091	PACS Detec Bias Gr 3 . Rs3		PD3.-	-	P009	061SS-38	2				CVVUCR	33	211121 P002	091		
090	PACS Detec Bias Gr 3 . SH009		PD3.-	-	P009	061SS-38	2			CS-P009	CVVUCR	33	211121 P002	090	1P	1P
-																
089	PACS Logic Supply Gr 3 . SELC3		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	089	2C	2C

Pin Allocation List

(Harness)

Connector: 313100 J002
 HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

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.												
101	PACS Logic Supply Gr 3 . SEL13		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	101		
100	PACS Logic Supply Gr 3 . SEL23		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	100		
088	PACS Logic Supply Gr 3 . CaDs3		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	088	1P	1P
087	PACS Logic Supply Gr 3 . CaD3		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	087		
099	PACS Logic Supply Gr 3 . CnDs3		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	099		
098	PACS Logic Supply Gr 3 . CnD3		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	098		
086	PACS Logic Supply Gr 3 . VDDs3		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	086		
097	PACS Logic Supply Gr 3 . VDD3		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	097	2C	2C
097	PACS Logic Supply Gr 3 . VDD3		PD1.-	-	P007	111SS-38	3				CVVUCR	33	211121 P002	097	2C	2C
085	PACS Logic Supply Gr 3 . SH007		PD1.-	-	P007	111SS-38	3			CS-P007	CVVUCR	33	211121 P002	085	1P	1P
-										1 NU wire con to CS-P007						1P
-																
070	PACS Detec Out 01 . 3		PDO.-	-	P046	012SS-38	4			TRIAX	CVVUCR	33	211121 P002	070	1P	1P
069	PACS Detec Out 01 . I		PDO.-	-	P046	012SS-38	4			inner Shield	CVVUCR	33	211121 P002	069		
081	PACS Detec Out 01 . O		PDO.-	-	P046	012SS-38	4			outer Shield	CVVUCR	33	211121 P002	081		
-																
079	PACS Detec Out 02 . 3		PDO.-	-	P047	012SS-38	5			TRIAX	CVVUCR	33	211121 P002	079	1P	1P
080	PACS Detec Out 02 . I		PDO.-	-	P047	012SS-38	5			inner Shield	CVVUCR	33	211121 P002	080		
068	PACS Detec Out 02 . O		PDO.-	-	P047	012SS-38	5			outer Shield	CVVUCR	33	211121 P002	068		
-																
066	PACS Detec Out 03 . 3		PDO.-	-	P048	012SS-38	6			TRIAX	CVVUCR	33	211121 P002	066	1P	1P
078	PACS Detec Out 03 . I		PDO.-	-	P048	012SS-38	6			inner Shield	CVVUCR	33	211121 P002	078		
067	PACS Detec Out 03 . O		PDO.-	-	P048	012SS-38	6			outer Shield	CVVUCR	33	211121 P002	067		
-																
076	PACS Detec Out 04 . 3		PDO.-	-	P049	012SS-38	7			TRIAX	CVVUCR	33	211121 P002	076	1P	1P
065	PACS Detec Out 04 . I		PDO.-	-	P049	012SS-38	7			inner Shield	CVVUCR	33	211121 P002	065		
077	PACS Detec Out 04 . O		PDO.-	-	P049	012SS-38	7			outer Shield	CVVUCR	33	211121 P002	077		
-																
073	PACS Detec Out 05 . 3		PDO.-	-	P050	012SS-38	8			TRIAX	CVVUCR	33	211121 P002	073	1P	1P
062	PACS Detec Out 05 . I		PDO.-	-	P050	012SS-38	8			inner Shield	CVVUCR	33	211121 P002	062		
074	PACS Detec Out 05 . O		PDO.-	-	P050	012SS-38	8			outer Shield	CVVUCR	33	211121 P002	074		
-																
095	PACS Detec Out 06 . 3		PDO.-	-	P051	012SS-38	9			TRIAX	CVVUCR	33	211121 P002	095	1P	1P

Pin Allocation List

(Harness)

Connector: 313100 J002
 HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

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.												
084	PACS Detec Out 06 . I		PDO.-	-	P051	012SS-38	9			inner Shield	CVVUCR	33	211121 P002	084		
096	PACS Detec Out 06 . O		PDO.-	-	P051	012SS-38	9			outer Shield	CVVUCR	33	211121 P002	096		
-																
071	PACS Detec Out 07 . 3		PDO.-	-	P052	012SS-38	10			TRIAx	CVVUCR	33	211121 P002	071	1P	1P
083	PACS Detec Out 07 . I		PDO.-	-	P052	012SS-38	10			inner Shield	CVVUCR	33	211121 P002	083		
072	PACS Detec Out 07 . O		PDO.-	-	P052	012SS-38	10			outer Shield	CVVUCR	33	211121 P002	072		
-																
048	PACS Detec Outref a Gr 3 . 3		PDR.-	-	P15A	012SS-38	11			TRIAx	CVVUCR	33	211121 P002	048	1P	1P
049	PACS Detec Outref a Gr 3 . I		PDR.-	-	P15A	012SS-38	11			inner Shield	CVVUCR	33	211121 P002	049		
060	PACS Detec Outref a Gr 3 . O		PDR.-	-	P15A	012SS-38	11			outer Shield	CVVUCR	33	211121 P002	060		
-																
063	PACS Detec Out 08 . 3		PDO.-	-	P053	012SS-38	12			TRIAx	CVVUCR	33	211121 P002	063	1P	1P
075	PACS Detec Out 08 . I		PDO.-	-	P053	012SS-38	12			inner Shield	CVVUCR	33	211121 P002	075		
064	PACS Detec Out 08 . O		PDO.-	-	P053	012SS-38	12			outer Shield	CVVUCR	33	211121 P002	064		
-																
047	PACS Detec Out 09 . 3		PDO.-	-	P054	012SS-38	13			TRIAx	CVVUCR	33	211121 P002	047	1P	1P
046	PACS Detec Out 09 . I		PDO.-	-	P054	012SS-38	13			inner Shield	CVVUCR	33	211121 P002	046		
058	PACS Detec Out 09 . O		PDO.-	-	P054	012SS-38	13			outer Shield	CVVUCR	33	211121 P002	058		
-																
057	PACS Detec Out 10 . 3		PDO.-	-	P055	012SS-38	14			TRIAx	CVVUCR	33	211121 P002	057	1P	1P
056	PACS Detec Out 10 . I		PDO.-	-	P055	012SS-38	14			inner Shield	CVVUCR	33	211121 P002	056		
045	PACS Detec Out 10 . O		PDO.-	-	P055	012SS-38	14			outer Shield	CVVUCR	33	211121 P002	045		
-																
044	PACS Detec Out 11 . 3		PDO.-	-	P056	012SS-38	15			TRIAx	CVVUCR	33	211121 P002	044	1P	1P
043	PACS Detec Out 11 . I		PDO.-	-	P056	012SS-38	15			inner Shield	CVVUCR	33	211121 P002	043		
055	PACS Detec Out 11 . O		PDO.-	-	P056	012SS-38	15			outer Shield	CVVUCR	33	211121 P002	055		
-																
042	PACS Detec Out 12 . 3		PDO.-	-	P057	012SS-38	16			TRIAx	CVVUCR	33	211121 P002	042	1P	1P
053	PACS Detec Out 12 . I		PDO.-	-	P057	012SS-38	16			inner Shield	CVVUCR	33	211121 P002	053		
054	PACS Detec Out 12 . O		PDO.-	-	P057	012SS-38	16			outer Shield	CVVUCR	33	211121 P002	054		
-																
040	PACS Detec Out 13 . 3		PDO.-	-	P058	012SS-38	17			TRIAx	CVVUCR	33	211121 P002	040	1P	1P
041	PACS Detec Out 13 . I		PDO.-	-	P058	012SS-38	17			inner Shield	CVVUCR	33	211121 P002	041		

Pin Allocation List

(Harness)

Connector: 313100 J002
HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

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.												
052	PACS Detec Out 13 . O		PDO.-	-	P058	012SS-38	17			outer Shield	CVVUCR	33	211121 P002	052		
-																
050	PACS Detec Outref b Gr 3 . 3		PDR.-	-	P15B	012SS-38	18			TRIAX	CVVUCR	33	211121 P002	050	1P	1P
039	PACS Detec Outref b Gr 3 . I		PDR.-	-	P15B	012SS-38	18			inner Shield	CVVUCR	33	211121 P002	039		
051	PACS Detec Outref b Gr 3 . O		PDR.-	-	P15B	012SS-38	18			outer Shield	CVVUCR	33	211121 P002	051		
-																
017	PACS Detec Synch Gr 3 . SIG		PDS.-	-	P059	021SS-38	19				CVVUCR	33	211121 P002	017	2C	1P
017	PACS Detec Synch Gr 3 . SIG		PDS.-	-	P059	021SS-38	19				CVVUCR	33	211121 P002	017	2C	1P
009	PACS Detec Synch Gr 3 . SH059		PDS.-	-	P059	021SS-38	19			CS-P059	CVVUCR	33	211121 P002	009	1P	1P
-																
018	PACS Detec Clock Gr 3 . SIG		PDC.-	-	P060	021SS-38	20				CVVUCR	33	211121 P002	018	2C	2C
018	PACS Detec Clock Gr 3 . SIG		PDC.-	-	P060	021SS-38	20				CVVUCR	33	211121 P002	018	2C	2C
028	PACS Detec Clock Gr 3 . SH060		PDC.-	-	P060	021SS-38	20			CS-P060	CVVUCR	33	211121 P002	028	1P	1P
-																
010	PACS Detec Tsens+H Sup 3/4 . I163		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	010	2C	2C
019	PACS Detec Tsens+H Sup 3/4 . U163		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	019	2C	
011	PACS Detec Tsens+H Sup 3/4 . U263		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	011		
020	PACS Detec Tsens+H Sup 3/4 . U363		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	020	1P	1P
012	PACS Detec Tsens+H Sup 3/4 . I263		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	012		
021	PACS Detec Tsens+H Sup 3/4 . I1194		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	021		
013	PACS Detec Tsens+H Sup 3/4 . U1194		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	013		
022	PACS Detec Tsens+H Sup 3/4 . U2194		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	022		
014	PACS Detec Tsens+H Sup 3/4 . U3194		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	014		
023	PACS Detec Tsens+H Sup 3/4 . I2194		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	023		
004	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	004	2C	2C
004	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	004	2C	2C
005	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	005	2C	2C
005	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	005	2C	2C
006	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	006	2C	2C
006	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	006	2C	2C
007	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	007	2C	2C
007	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.-	-	P076	191SS-38	21				CVVUCR	33	211121 P002	007	2C	2C
003	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.-	-	P076	191SS-38	21			CS-P076	CVVUCR	33	211121 P002	003	1P	1P
-										1 NU wire con to CS-P076						1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 195 (of 464)

Connector: 313100 J002
HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

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.											
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 196 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 P001
CVVUCR

Function / Bundle: SIH-XP-04 (16b;68-74;16a;61-67;10-12)

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.											1P	2C
093	PACS Detec Out 21 4 . 4		PDO.-	-	P068	012SS-38	1			TRIAX	HPSVMCB1	28	313100 J001	093	1P	1P
092	PACS Detec Out 21 4 . I		PDO.-	-	P068	012SS-38	1			inner Shield	HPSVMCB1	28	313100 J001	092		
100	PACS Detec Out 21 4 . O		PDO.-	-	P068	012SS-38	1			outer Shield	HPSVMCB1	28	313100 J001	100		
-																
099	PACS Detec Out 22 4 . 4		PDO.-	-	P069	012SS-38	2			TRIAX	HPSVMCB1	28	313100 J001	099	1P	1P
098	PACS Detec Out 22 4 . I		PDO.-	-	P069	012SS-38	2			inner Shield	HPSVMCB1	28	313100 J001	098		
091	PACS Detec Out 22 4 . O		PDO.-	-	P069	012SS-38	2			outer Shield	HPSVMCB1	28	313100 J001	091		
-																
090	PACS Detec Out 23 4 . 4		PDO.-	-	P070	012SS-38	3			TRIAX	HPSVMCB1	28	313100 J001	090	1P	1P
081	PACS Detec Out 23 4 . I		PDO.-	-	P070	012SS-38	3			inner Shield	HPSVMCB1	28	313100 J001	081		
089	PACS Detec Out 23 4 . O		PDO.-	-	P070	012SS-38	3			outer Shield	HPSVMCB1	28	313100 J001	089		
-																
096	PACS Detec Out 24 4 . 4		PDO.-	-	P071	012SS-38	4			TRIAX	HPSVMCB1	28	313100 J001	096	1P	1P
095	PACS Detec Out 24 4 . I		PDO.-	-	P071	012SS-38	4			inner Shield	HPSVMCB1	28	313100 J001	095		
097	PACS Detec Out 24 4 . O		PDO.-	-	P071	012SS-38	4			outer Shield	HPSVMCB1	28	313100 J001	097		
-																
087	PACS Detec Out 25 4 . 4		PDO.-	-	P072	012SS-38	5			TRIAX	HPSVMCB1	28	313100 J001	087	1P	1P
094	PACS Detec Out 25 4 . I		PDO.-	-	P072	012SS-38	5			inner Shield	HPSVMCB1	28	313100 J001	094		
088	PACS Detec Out 25 4 . O		PDO.-	-	P072	012SS-38	5			outer Shield	HPSVMCB1	28	313100 J001	088		
-																
080	PACS Detec Outref b Gr 4 . 4		PDR.-	-	P16B	012SS-38	6			TRIAX	HPSVMCB1	28	313100 J001	080	1P	1P
070	PACS Detec Outref b Gr 4 . I		PDR.-	-	P16B	012SS-38	6			inner Shield	HPSVMCB1	28	313100 J001	070		
079	PACS Detec Outref b Gr 4 . O		PDR.-	-	P16B	012SS-38	6			outer Shield	HPSVMCB1	28	313100 J001	079		
-																
086	PACS Detec Synch Gr 4 . SIG		PDS.-	-	P073	021SS-38	7				HPSVMCB1	28	313100 J001	086	2C	2C
086	PACS Detec Synch Gr 4 . SIG		PDS.-	-	P073	021SS-38	7				HPSVMCB1	28	313100 J001	086	2C	2C
077	PACS Detec Synch Gr 4 . SH073		PDS.-	-	P073	021SS-38	7			CS-P073	HPSVMCB1	28	313100 J001	077	1P	1P
-																
068	PACS Detec Clock Gr 4 . SIG		PDC.-	-	P074	021SS-38	8				HPSVMCB1	28	313100 J001	068	2C	2C
068	PACS Detec Clock Gr 4 . SIG		PDC.-	-	P074	021SS-38	8				HPSVMCB1	28	313100 J001	068	2C	2C
078	PACS Detec Clock Gr 4 . SH074		PDC.-	-	P074	021SS-38	8			CS-P074	HPSVMCB1	28	313100 J001	078	1P	1P
-																
076	PACS Detec Out 14 4 . 4		PDO.-	-	P061	012SS-38	9			TRIAX	HPSVMCB1	28	313100 J001	076	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P001
CVVUCR

Function / Bundle: SIH-XP-04 (16b;68-74;16a;61-67;10-12)

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.											
075	PACS Detec Out 14 4 . I		PDO.-	-	P061	012SS-38	9			inner Shield	HPSVMCB1	28	313100 J001	075	
085	PACS Detec Out 14 4 . O		PDO.-	-	P061	012SS-38	9			outer Shield	HPSVMCB1	28	313100 J001	085	
-															
074	PACS Detec Out 15 4 . 4		PDO.-	-	P062	012SS-38	10			TRIAx	HPSVMCB1	28	313100 J001	074	1P 1P
083	PACS Detec Out 15 4 . I		PDO.-	-	P062	012SS-38	10			inner Shield	HPSVMCB1	28	313100 J001	083	
084	PACS Detec Out 15 4 . O		PDO.-	-	P062	012SS-38	10			outer Shield	HPSVMCB1	28	313100 J001	084	
-															
072	PACS Detec Out 16 4 . 4		PDO.-	-	P063	012SS-38	11			TRIAx	HPSVMCB1	28	313100 J001	072	1P 1P
073	PACS Detec Out 16 4 . I		PDO.-	-	P063	012SS-38	11			inner Shield	HPSVMCB1	28	313100 J001	073	
082	PACS Detec Out 16 4 . O		PDO.-	-	P063	012SS-38	11			outer Shield	HPSVMCB1	28	313100 J001	082	
-															
061	PACS Detec Out 17 4 . 4		PDO.-	-	P064	012SS-38	12			TRIAx	HPSVMCB1	28	313100 J001	061	1P 1P
071	PACS Detec Out 17 4 . I		PDO.-	-	P064	012SS-38	12			inner Shield	HPSVMCB1	28	313100 J001	071	
060	PACS Detec Out 17 4 . O		PDO.-	-	P064	012SS-38	12			outer Shield	HPSVMCB1	28	313100 J001	060	
-															
059	PACS Detec Out 18 4 . 4		PDO.-	-	P065	012SS-38	13			TRIAx	HPSVMCB1	28	313100 J001	059	1P 1P
058	PACS Detec Out 18 4 . I		PDO.-	-	P065	012SS-38	13			inner Shield	HPSVMCB1	28	313100 J001	058	
069	PACS Detec Out 18 4 . O		PDO.-	-	P065	012SS-38	13			outer Shield	HPSVMCB1	28	313100 J001	069	
-															
055	PACS Detec Out 19 4 . 4		PDO.-	-	P066	012SS-38	14			TRIAx	HPSVMCB1	28	313100 J001	055	1P 1P
066	PACS Detec Out 19 4 . I		PDO.-	-	P066	012SS-38	14			inner Shield	HPSVMCB1	28	313100 J001	066	
065	PACS Detec Out 19 4 . O		PDO.-	-	P066	012SS-38	14			outer Shield	HPSVMCB1	28	313100 J001	065	
-															
053	PACS Detec Out 20 4 . 4		PDO.-	-	P067	012SS-38	15			TRIAx	HPSVMCB1	28	313100 J001	053	1P 1P
054	PACS Detec Out 20 4 . I		PDO.-	-	P067	012SS-38	15			inner Shield	HPSVMCB1	28	313100 J001	054	
064	PACS Detec Out 20 4 . O		PDO.-	-	P067	012SS-38	15			outer Shield	HPSVMCB1	28	313100 J001	064	
-															
052	PACS Detec Outref a Gr 4 . 4		PDR.-	-	P16A	012SS-38	16			TRIAx	HPSVMCB1	28	313100 J001	052	1P 1P
051	PACS Detec Outref a Gr 4 . I		PDR.-	-	P16A	012SS-38	16			inner Shield	HPSVMCB1	28	313100 J001	051	
062	PACS Detec Outref a Gr 4 . O		PDR.-	-	P16A	012SS-38	16			outer Shield	HPSVMCB1	28	313100 J001	062	
-															
041	PACS Logic Supply Gr 4 . SELC4		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	041	2C 2C
031	PACS Logic Supply Gr 4 . SEL14		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	031	

Pin Allocation List

(Harness)

Connector: 211121 P001
CVVUCR

Function / Bundle: SIH-XP-04 (16b;68-74;16a;61-67;10-12)

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.											1P	1P
042	PACS Logic Supply Gr 4 . SEL24		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	042	1P	1P
032	PACS Logic Supply Gr 4 . CaDs4		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	032		
043	PACS Logic Supply Gr 4 . CaD4		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	043		
033	PACS Logic Supply Gr 4 . CnDs4		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	033		
044	PACS Logic Supply Gr 4 . CnD4		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	044		
034	PACS Logic Supply Gr 4 . VDds4		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	034		
045	PACS Logic Supply Gr 4 . VDDd4		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	045	2C	2C
045	PACS Logic Supply Gr 4 . VDDd4		PD1.-	-	P010	111SS-38	17				HPSVMCB1	28	313100 J001	045	2C	2C
030	PACS Logic Supply Gr 4 . SH010		PD1.-	-	P010	111SS-38	17			CS-P010	HPSVMCB1	28	313100 J001	030	1P	1P
-										1 NU wire con to CS-P010					1P	
-																
009	PACS DC Supply Gr 4 . VDDa4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	009	2C	2C
009	PACS DC Supply Gr 4 . VDDa4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	009	2C	2C
018	PACS DC Supply Gr 4 . VDas4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	018		
010	PACS DC Supply Gr 4 . VSS4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	010	2C	2C
010	PACS DC Supply Gr 4 . VSS4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	010	2C	2C
019	PACS DC Supply Gr 4 . VSSs4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	019		
011	PACS DC Supply Gr 4 . CasP4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	011	2C	2C
020	PACS DC Supply Gr 4 . CaPs4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	020		
012	PACS DC Supply Gr 4 . CasN4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	012		
021	PACS DC Supply Gr 4 . CaNs4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	021	1P	1P
013	PACS DC Supply Gr 4 . CaN14		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	013		
022	PACS DC Supply Gr 4 . CN1s4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	022		
014	PACS DC Supply Gr 4 . CaN24		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	014		
023	PACS DC Supply Gr 4 . CN2s4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	023		
015	PACS DC Supply Gr 4 . VDDr4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	015		
024	PACS DC Supply Gr 4 . VDr4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	024		
006	PACS DC Supply Gr 4 . LVL4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	006		
007	PACS DC Supply Gr 4 . LVLs4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	007		
004	PACS DC Supply Gr 4 . WELL4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	004		
005	PACS DC Supply Gr 4 . WELs4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	005		
002	PACS DC Supply Gr 4 . SUB4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	002		
003	PACS DC Supply Gr 4 . SUBs4		PD2.-	-	P011	241SS-38	18				HPSVMCB1	28	313100 J001	003		
001	PACS DC Supply Gr 4 . SH011		PD2.-	-	P011	241SS-38	18			CS-P011	HPSVMCB1	28	313100 J001	001	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 200 (of 464)

Connector: 211121 P001
 CVVUCR

Function / Bundle: SIH-XP-04 (16b;68-74;16a;61-67;10-12)

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.											
-									2 NU wires con to P011						1P
027	PACS Detec Bias Gr 4 . Zero4		PD3.-	-	P012	061SS-38	19				HPSVMCB1	28	313100 J001	027	2C 2C
038	PACS Detec Bias Gr 4 . Zers4		PD3.-	-	P012	061SS-38	19				HPSVMCB1	28	313100 J001	038	
028	PACS Detec Bias Gr 4 . Gnd4		PD3.-	-	P012	061SS-38	19				HPSVMCB1	28	313100 J001	028	1P 1P
039	PACS Detec Bias Gr 4 . GnSe4		PD3.-	-	P012	061SS-38	19				HPSVMCB1	28	313100 J001	039	
029	PACS Detec Bias Gr 4 . R4		PD3.-	-	P012	061SS-38	19				HPSVMCB1	28	313100 J001	029	
040	PACS Detec Bias Gr 4 . Rs4		PD3.-	-	P012	061SS-38	19				HPSVMCB1	28	313100 J001	040	
037	PACS Detec Bias Gr 4 . SH012		PD3.-	-	P012	061SS-38	19		CS-P012		HPSVMCB1	28	313100 J001	037	1P 1P
CH	Overall Shield								Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313100 J001
 HPSVMCB1

Function / Bundle: SIH-XP-04 (16A;16B;61-74;10-12)

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.											1P	1P
093	PACS Detec Out 21 4 . 4		PDO.-	-	P068	012SS-38	1			TRIAx	CVVUCR	33	211121 P001	093	1P	1P
092	PACS Detec Out 21 4 . I		PDO.-	-	P068	012SS-38	1			inner Shield	CVVUCR	33	211121 P001	092		
100	PACS Detec Out 21 4 . O		PDO.-	-	P068	012SS-38	1			outer Shield	CVVUCR	33	211121 P001	100		
-																
099	PACS Detec Out 22 4 . 4		PDO.-	-	P069	012SS-38	2			TRIAx	CVVUCR	33	211121 P001	099	1P	1P
098	PACS Detec Out 22 4 . I		PDO.-	-	P069	012SS-38	2			inner Shield	CVVUCR	33	211121 P001	098		
091	PACS Detec Out 22 4 . O		PDO.-	-	P069	012SS-38	2			outer Shield	CVVUCR	33	211121 P001	091		
-																
090	PACS Detec Out 23 4 . 4		PDO.-	-	P070	012SS-38	3			TRIAx	CVVUCR	33	211121 P001	090	1P	1P
081	PACS Detec Out 23 4 . I		PDO.-	-	P070	012SS-38	3			inner Shield	CVVUCR	33	211121 P001	081		
089	PACS Detec Out 23 4 . O		PDO.-	-	P070	012SS-38	3			outer Shield	CVVUCR	33	211121 P001	089		
-																
096	PACS Detec Out 24 4 . 4		PDO.-	-	P071	012SS-38	4			TRIAx	CVVUCR	33	211121 P001	096	1P	1P
095	PACS Detec Out 24 4 . I		PDO.-	-	P071	012SS-38	4			inner Shield	CVVUCR	33	211121 P001	095		
097	PACS Detec Out 24 4 . O		PDO.-	-	P071	012SS-38	4			outer Shield	CVVUCR	33	211121 P001	097		
-																
087	PACS Detec Out 25 4 . 4		PDO.-	-	P072	012SS-38	5			TRIAx	CVVUCR	33	211121 P001	087	1P	1P
094	PACS Detec Out 25 4 . I		PDO.-	-	P072	012SS-38	5			inner Shield	CVVUCR	33	211121 P001	094		
088	PACS Detec Out 25 4 . O		PDO.-	-	P072	012SS-38	5			outer Shield	CVVUCR	33	211121 P001	088		
-																
080	PACS Detec Outref b Gr 4 . 4		PDR.-	-	P16B	012SS-38	6			TRIAx	CVVUCR	33	211121 P001	080	1P	1P
070	PACS Detec Outref b Gr 4 . I		PDR.-	-	P16B	012SS-38	6			inner Shield	CVVUCR	33	211121 P001	070		
079	PACS Detec Outref b Gr 4 . O		PDR.-	-	P16B	012SS-38	6			outer Shield	CVVUCR	33	211121 P001	079		
-																
086	PACS Detec Synch Gr 4 . SIG		PDS.-	-	P073	021SS-38	7				CVVUCR	33	211121 P001	086	2C	2C
086	PACS Detec Synch Gr 4 . SIG		PDS.-	-	P073	021SS-38	7				CVVUCR	33	211121 P001	086	2C	2C
077	PACS Detec Synch Gr 4 . SH073		PDS.-	-	P073	021SS-38	7			CS-P073	CVVUCR	33	211121 P001	077	1P	1P
-																
068	PACS Detec Clock Gr 4 . SIG		PDC.-	-	P074	021SS-38	8				CVVUCR	33	211121 P001	068	2C	2C
068	PACS Detec Clock Gr 4 . SIG		PDC.-	-	P074	021SS-38	8				CVVUCR	33	211121 P001	068	2C	2C
078	PACS Detec Clock Gr 4 . SH074		PDC.-	-	P074	021SS-38	8			CS-P074	CVVUCR	33	211121 P001	078	1P	1P
-																
076	PACS Detec Out 14 4 . 4		PDO.-	-	P061	012SS-38	9			TRIAx	CVVUCR	33	211121 P001	076	1P	1P

Pin Allocation List

(Harness)

Connector: 313100 J001
HPSVMCB1

Function / Bundle: SIH-XP-04 (16A;16B;61-74;10-12)

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.												
075	PACS Detec Out 14 4 . I		PDO.-	-	P061	012SS-38	9			inner Shield	CVVUCR	33	211121 P001	075		
085	PACS Detec Out 14 4 . O		PDO.-	-	P061	012SS-38	9			outer Shield	CVVUCR	33	211121 P001	085		
-																
074	PACS Detec Out 15 4 . 4		PDO.-	-	P062	012SS-38	10			TRIAx	CVVUCR	33	211121 P001	074	1P	1P
083	PACS Detec Out 15 4 . I		PDO.-	-	P062	012SS-38	10			inner Shield	CVVUCR	33	211121 P001	083		
084	PACS Detec Out 15 4 . O		PDO.-	-	P062	012SS-38	10			outer Shield	CVVUCR	33	211121 P001	084		
-																
072	PACS Detec Out 16 4 . 4		PDO.-	-	P063	012SS-38	11			TRIAx	CVVUCR	33	211121 P001	072	1P	1P
073	PACS Detec Out 16 4 . I		PDO.-	-	P063	012SS-38	11			inner Shield	CVVUCR	33	211121 P001	073		
082	PACS Detec Out 16 4 . O		PDO.-	-	P063	012SS-38	11			outer Shield	CVVUCR	33	211121 P001	082		
-																
061	PACS Detec Out 17 4 . 4		PDO.-	-	P064	012SS-38	12			TRIAx	CVVUCR	33	211121 P001	061	1P	1P
071	PACS Detec Out 17 4 . I		PDO.-	-	P064	012SS-38	12			inner Shield	CVVUCR	33	211121 P001	071		
060	PACS Detec Out 17 4 . O		PDO.-	-	P064	012SS-38	12			outer Shield	CVVUCR	33	211121 P001	060		
-																
059	PACS Detec Out 18 4 . 4		PDO.-	-	P065	012SS-38	13			TRIAx	CVVUCR	33	211121 P001	059	1P	1P
058	PACS Detec Out 18 4 . I		PDO.-	-	P065	012SS-38	13			inner Shield	CVVUCR	33	211121 P001	058		
069	PACS Detec Out 18 4 . O		PDO.-	-	P065	012SS-38	13			outer Shield	CVVUCR	33	211121 P001	069		
-																
055	PACS Detec Out 19 4 . 4		PDO.-	-	P066	012SS-38	14			TRIAx	CVVUCR	33	211121 P001	055	1P	1P
066	PACS Detec Out 19 4 . I		PDO.-	-	P066	012SS-38	14			inner Shield	CVVUCR	33	211121 P001	066		
065	PACS Detec Out 19 4 . O		PDO.-	-	P066	012SS-38	14			outer Shield	CVVUCR	33	211121 P001	065		
-																
053	PACS Detec Out 20 4 . 4		PDO.-	-	P067	012SS-38	15			TRIAx	CVVUCR	33	211121 P001	053	1P	1P
054	PACS Detec Out 20 4 . I		PDO.-	-	P067	012SS-38	15			inner Shield	CVVUCR	33	211121 P001	054		
064	PACS Detec Out 20 4 . O		PDO.-	-	P067	012SS-38	15			outer Shield	CVVUCR	33	211121 P001	064		
-																
052	PACS Detec Outref a Gr 4 . 4		PDR.-	-	P16A	012SS-38	16			TRIAx	CVVUCR	33	211121 P001	052	1P	1P
051	PACS Detec Outref a Gr 4 . I		PDR.-	-	P16A	012SS-38	16			inner Shield	CVVUCR	33	211121 P001	051		
062	PACS Detec Outref a Gr 4 . O		PDR.-	-	P16A	012SS-38	16			outer Shield	CVVUCR	33	211121 P001	062		
-																
041	PACS Logic Supply Gr 4 . SELC4		PD1.-	-	P010	111SS-38	17				CVVUCR	33	211121 P001	041	2C	2C
031	PACS Logic Supply Gr 4 . SEL14		PD1.-	-	P010	111SS-38	17				CVVUCR	33	211121 P001	031		

Pin Allocation List

(Harness)

Connector: 313100 J001
HPSVMCB1

Function / Bundle: SIH-XP-04 (16A;16B;61-74;10-12)

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.											1P	1P
042	PACS Logic Supply Gr 4 . SEL24		PD1.-	-	P010	111SS-38	17				CVWUCR	33	211121 P001	042	1P	1P
032	PACS Logic Supply Gr 4 . CaDs4		PD1.-	-	P010	111SS-38	17				CVWUCR	33	211121 P001	032		
043	PACS Logic Supply Gr 4 . CaD4		PD1.-	-	P010	111SS-38	17				CVWUCR	33	211121 P001	043		
033	PACS Logic Supply Gr 4 . CnDs4		PD1.-	-	P010	111SS-38	17				CVWUCR	33	211121 P001	033		
044	PACS Logic Supply Gr 4 . CnD4		PD1.-	-	P010	111SS-38	17				CVWUCR	33	211121 P001	044		
034	PACS Logic Supply Gr 4 . VDds4		PD1.-	-	P010	111SS-38	17				CVWUCR	33	211121 P001	034		
045	PACS Logic Supply Gr 4 . VDDd4		PD1.-	-	P010	111SS-38	17				CVWUCR	33	211121 P001	045	2C	2C
045	PACS Logic Supply Gr 4 . VDDd4		PD1.-	-	P010	111SS-38	17				CVWUCR	33	211121 P001	045	2C	2C
030	PACS Logic Supply Gr 4 . SH010		PD1.-	-	P010	111SS-38	17			CS-P010	CVWUCR	33	211121 P001	030	1P	1P
-										1 NU wire con to CS-P010					1P	
-																
009	PACS DC Supply Gr 4 . VDDa4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	009	2C	2C
009	PACS DC Supply Gr 4 . VDDa4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	009	2C	2C
018	PACS DC Supply Gr 4 . VDas4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	018		
010	PACS DC Supply Gr 4 . VSS4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	010	2C	2C
010	PACS DC Supply Gr 4 . VSS4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	010	2C	2C
019	PACS DC Supply Gr 4 . VSSs4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	019		
011	PACS DC Supply Gr 4 . CasP4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	011	2C	2C
020	PACS DC Supply Gr 4 . CaPs4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	020		
012	PACS DC Supply Gr 4 . CasN4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	012		
021	PACS DC Supply Gr 4 . CaNs4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	021	1P	1P
013	PACS DC Supply Gr 4 . CaN14		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	013		
022	PACS DC Supply Gr 4 . CN1s4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	022		
014	PACS DC Supply Gr 4 . CaN24		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	014		
023	PACS DC Supply Gr 4 . CN2s4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	023		
015	PACS DC Supply Gr 4 . VDDr4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	015		
024	PACS DC Supply Gr 4 . VDr4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	024		
006	PACS DC Supply Gr 4 . LVL4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	006		
007	PACS DC Supply Gr 4 . LVLs4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	007		
004	PACS DC Supply Gr 4 . WELL4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	004		
005	PACS DC Supply Gr 4 . WELs4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	005		
002	PACS DC Supply Gr 4 . SUB4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	002		
003	PACS DC Supply Gr 4 . SUBs4		PD2.-	-	P011	241SS-38	18				CVWUCR	33	211121 P001	003		
001	PACS DC Supply Gr 4 . SH011		PD2.-	-	P011	241SS-38	18			CS-P011	CVWUCR	33	211121 P001	001	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 204 (of 464)

Connector: 313100 J001
HPSVMCB1

Function / Bundle: SIH-XP-04 (16A;16B;61-74;10-12)

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.											
-									2 NU wires con to CS-P011						1P
027	PACS Detec Bias Gr 4 . Zero4		PD3.-	-	P012	061SS-38	19				CVVUCR	33	211121 P001	027	2C 2C
038	PACS Detec Bias Gr 4 . Zers4		PD3.-	-	P012	061SS-38	19				CVVUCR	33	211121 P001	038	
028	PACS Detec Bias Gr 4 . Gnd4		PD3.-	-	P012	061SS-38	19				CVVUCR	33	211121 P001	028	1P 1P
039	PACS Detec Bias Gr 4 . GnSe4		PD3.-	-	P012	061SS-38	19				CVVUCR	33	211121 P001	039	
029	PACS Detec Bias Gr 4 . R4		PD3.-	-	P012	061SS-38	19				CVVUCR	33	211121 P001	029	
040	PACS Detec Bias Gr 4 . Rs4		PD3.-	-	P012	061SS-38	19				CVVUCR	33	211121 P001	040	
037	PACS Detec Bias Gr 4 . SH012		PD3.-	-	P012	061SS-38	19			CS-P012	CVVUCR	33	211121 P001	037	1P 1P
CH	Overall Shield								Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 211121 P005
CVVUCR

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603-605;603b)

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.											1P	1P
105	PACS S1-16 B 1. REF16		PX1.-	-	P601	TP8SS-38	1	601b	1		HPSVMCB2	22	313200 J004	105	1P	1P
115	PACS S1-16 B 1. S16		PX1.-	-	P601	TP8SS-38	1	601b	1		HPSVMCB2	22	313200 J004	115	1P	1P
106	PACS S1-16 B 1. REF15		PX1.-	-	P601	TP8SS-38	1	601b	2		HPSVMCB2	22	313200 J004	106	1P	1P
107	PACS S1-16 B 1. S15		PX1.-	-	P601	TP8SS-38	1	601b	2		HPSVMCB2	22	313200 J004	107	1P	1P
122	PACS S1-16 B 1. REF14		PX1.-	-	P601	TP8SS-38	1	601b	3		HPSVMCB2	22	313200 J004	122	1P	1P
123	PACS S1-16 B 1. S14		PX1.-	-	P601	TP8SS-38	1	601b	3		HPSVMCB2	22	313200 J004	123	1P	1P
116	PACS S1-16 B 1. REF13		PX1.-	-	P601	TP8SS-38	1	601b	4		HPSVMCB2	22	313200 J004	116	1P	1P
117	PACS S1-16 B 1. S13		PX1.-	-	P601	TP8SS-38	1	601b	4		HPSVMCB2	22	313200 J004	117	1P	1P
108	PACS S1-16 B 1. REF12		PX1.-	-	P601	TP8SS-38	1	601b	5		HPSVMCB2	22	313200 J004	108	1P	1P
109	PACS S1-16 B 1. S12		PX1.-	-	P601	TP8SS-38	1	601b	5		HPSVMCB2	22	313200 J004	109	1P	1P
124	PACS S1-16 B 1. REF11		PX1.-	-	P601	TP8SS-38	1	601b	6		HPSVMCB2	22	313200 J004	124	1P	1P
125	PACS S1-16 B 1. S11		PX1.-	-	P601	TP8SS-38	1	601b	6		HPSVMCB2	22	313200 J004	125	1P	1P
118	PACS S1-16 B 1. REF10		PX1.-	-	P601	TP8SS-38	1	601b	7		HPSVMCB2	22	313200 J004	118	1P	1P
110	PACS S1-16 B 1. S10		PX1.-	-	P601	TP8SS-38	1	601b	7		HPSVMCB2	22	313200 J004	110	1P	1P
119	PACS S1-16 B 1. REF09		PX1.-	-	P601	TP8SS-38	1	601b	8		HPSVMCB2	22	313200 J004	119	1P	1P
126	PACS S1-16 B 1. S09		PX1.-	-	P601	TP8SS-38	1	601b	8		HPSVMCB2	22	313200 J004	126	1P	1P
094	PACS S1-16 B 1. S601b		PX1.-	-	P601	TP8SS-38	1	601b		CS-601b	HPSVMCB2	22	313200 J004	094	1P	1P
-																
127	PACS S1-16 B 1. REF08		PX1.-	-	P601	TP8SS-38	2	601c	9		HPSVMCB2	22	313200 J004	127	1P	1P
120	PACS S1-16 B 1. S08		PX1.-	-	P601	TP8SS-38	2	601c	9		HPSVMCB2	22	313200 J004	120	1P	1P
128	PACS S1-16 B 1. REF07		PX1.-	-	P601	TP8SS-38	2	601c	A		HPSVMCB2	22	313200 J004	128	1P	1P
121	PACS S1-16 B 1. S07		PX1.-	-	P601	TP8SS-38	2	601c	A		HPSVMCB2	22	313200 J004	121	1P	1P
112	PACS S1-16 B 1. REF06		PX1.-	-	P601	TP8SS-38	2	601c	B		HPSVMCB2	22	313200 J004	112	1P	1P
102	PACS S1-16 B 1. S06		PX1.-	-	P601	TP8SS-38	2	601c	B		HPSVMCB2	22	313200 J004	102	1P	1P
113	PACS S1-16 B 1. REF05		PX1.-	-	P601	TP8SS-38	2	601c	C		HPSVMCB2	22	313200 J004	113	1P	1P
103	PACS S1-16 B 1. S05		PX1.-	-	P601	TP8SS-38	2	601c	C		HPSVMCB2	22	313200 J004	103	1P	1P
091	PACS S1-16 B 1. REF04		PX1.-	-	P601	TP8SS-38	2	601c	D		HPSVMCB2	22	313200 J004	091	1P	1P
080	PACS S1-16 B 1. S04		PX1.-	-	P601	TP8SS-38	2	601c	D		HPSVMCB2	22	313200 J004	080	1P	1P
114	PACS S1-16 B 1. REF03		PX1.-	-	P601	TP8SS-38	2	601c	E		HPSVMCB2	22	313200 J004	114	1P	1P
104	PACS S1-16 B 1. S03		PX1.-	-	P601	TP8SS-38	2	601c	E		HPSVMCB2	22	313200 J004	104	1P	1P
092	PACS S1-16 B 1. REF02		PX1.-	-	P601	TP8SS-38	2	601c	F		HPSVMCB2	22	313200 J004	092	1P	1P
093	PACS S1-16 B 1. S02		PX1.-	-	P601	TP8SS-38	2	601c	F		HPSVMCB2	22	313200 J004	093	1P	1P
069	PACS S1-16 B 1. REF01		PX1.-	-	P601	TP8SS-38	2	601c	G		HPSVMCB2	22	313200 J004	069	1P	1P
081	PACS S1-16 B 1. S01		PX1.-	-	P601	TP8SS-38	2	601c	G		HPSVMCB2	22	313200 J004	081	1P	1P
111	PACS S1-16 B 1. S601c		PX1.-	-	P601	TP8SS-38	2	601c		CS-601c	HPSVMCB2	22	313200 J004	111	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P005
 CVVUCR

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603-605;603b)

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.											1	2
-																
026	PACS S17-32 B 1 . REF32		PX1.-	-	P602	TP8SS-38	3	602b	H		HPSVMCB2	22	313200 J004	026	1P	1P
015	PACS S17-32 B 1 . S32		PX1.-	-	P602	TP8SS-38	3	602b	H		HPSVMCB2	22	313200 J004	015	1P	1P
016	PACS S17-32 B 1 . REF31		PX1.-	-	P602	TP8SS-38	3	602b	J		HPSVMCB2	22	313200 J004	016	1P	1P
027	PACS S17-32 B 1 . S31		PX1.-	-	P602	TP8SS-38	3	602b	J		HPSVMCB2	22	313200 J004	027	1P	1P
008	PACS S17-32 B 1 . REF30		PX1.-	-	P602	TP8SS-38	3	602b	K		HPSVMCB2	22	313200 J004	008	1P	1P
001	PACS S17-32 B 1 . S30		PX1.-	-	P602	TP8SS-38	3	602b	K		HPSVMCB2	22	313200 J004	001	1P	1P
028	PACS S17-32 B 1 . REF29		PX1.-	-	P602	TP8SS-38	3	602b	L		HPSVMCB2	22	313200 J004	028	1P	1P
017	PACS S17-32 B 1 . S29		PX1.-	-	P602	TP8SS-38	3	602b	L		HPSVMCB2	22	313200 J004	017	1P	1P
009	PACS S17-32 B 1 . REF28		PX1.-	-	P602	TP8SS-38	3	602b	M		HPSVMCB2	22	313200 J004	009	1P	1P
002	PACS S17-32 B 1 . S28		PX1.-	-	P602	TP8SS-38	3	602b	M		HPSVMCB2	22	313200 J004	002	1P	1P
018	PACS S17-32 B 1 . REF27		PX1.-	-	P602	TP8SS-38	3	602b	N		HPSVMCB2	22	313200 J004	018	1P	1P
010	PACS S17-32 B 1 . S27		PX1.-	-	P602	TP8SS-38	3	602b	N		HPSVMCB2	22	313200 J004	010	1P	1P
003	PACS S17-32 B 1 . REF26		PX1.-	-	P602	TP8SS-38	3	602b	P		HPSVMCB2	22	313200 J004	003	1P	1P
004	PACS S17-32 B 1 . S26		PX1.-	-	P602	TP8SS-38	3	602b	P		HPSVMCB2	22	313200 J004	004	1P	1P
011	PACS S17-32 B 1 . REF25		PX1.-	-	P602	TP8SS-38	3	602b	Q		HPSVMCB2	22	313200 J004	011	1P	1P
019	PACS S17-32 B 1 . S25		PX1.-	-	P602	TP8SS-38	3	602b	Q		HPSVMCB2	22	313200 J004	019	1P	1P
025	PACS S17-32 B 1 . S602b		PX1.-	-	P602	TP8SS-38	3	602b		CS-602b	HPSVMCB2	22	313200 J004	025	1P	1P
-																
006	PACS S17-32 B 1 . REF24		PX1.-	-	P602	TP8SS-38	4	602c	R		HPSVMCB2	22	313200 J004	006	1P	1P
005	PACS S17-32 B 1 . S24		PX1.-	-	P602	TP8SS-38	4	602c	R		HPSVMCB2	22	313200 J004	005	1P	1P
013	PACS S17-32 B 1 . REF23		PX1.-	-	P602	TP8SS-38	4	602c	S		HPSVMCB2	22	313200 J004	013	1P	1P
007	PACS S17-32 B 1 . S23		PX1.-	-	P602	TP8SS-38	4	602c	S		HPSVMCB2	22	313200 J004	007	1P	1P
014	PACS S17-32 B 1 . REF22		PX1.-	-	P602	TP8SS-38	4	602c	T		HPSVMCB2	22	313200 J004	014	1P	1P
023	PACS S17-32 B 1 . S22		PX1.-	-	P602	TP8SS-38	4	602c	T		HPSVMCB2	22	313200 J004	023	1P	1P
022	PACS S17-32 B 1 . REF21		PX1.-	-	P602	TP8SS-38	4	602c	U		HPSVMCB2	22	313200 J004	022	1P	1P
033	PACS S17-32 B 1 . S21		PX1.-	-	P602	TP8SS-38	4	602c	U		HPSVMCB2	22	313200 J004	033	1P	1P
034	PACS S17-32 B 1 . REF20		PX1.-	-	P602	TP8SS-38	4	602c	V		HPSVMCB2	22	313200 J004	034	1P	1P
024	PACS S17-32 B 1 . S20		PX1.-	-	P602	TP8SS-38	4	602c	V		HPSVMCB2	22	313200 J004	024	1P	1P
045	PACS S17-32 B 1 . REF19		PX1.-	-	P602	TP8SS-38	4	602c	W		HPSVMCB2	22	313200 J004	045	1P	1P
046	PACS S17-32 B 1 . S19		PX1.-	-	P602	TP8SS-38	4	602c	W		HPSVMCB2	22	313200 J004	046	1P	1P
035	PACS S17-32 B 1 . REF18		PX1.-	-	P602	TP8SS-38	4	602c	X		HPSVMCB2	22	313200 J004	035	1P	1P
047	PACS S17-32 B 1 . S18		PX1.-	-	P602	TP8SS-38	4	602c	X		HPSVMCB2	22	313200 J004	047	1P	1P
058	PACS S17-32 B 1 . REF17		PX1.-	-	P602	TP8SS-38	4	602c	Y		HPSVMCB2	22	313200 J004	058	1P	1P
057	PACS S17-32 B 1 . S17		PX1.-	-	P602	TP8SS-38	4	602c	Y		HPSVMCB2	22	313200 J004	057	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P005
CVVUCR

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603-605;603b)

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.											1P	2C
012	PACS S17-32 B 1 . S602c		PX1.-	-	P602	TP8SS-38	4	602c		CS-602c	HPSVMCB2	22	313200 J004	012	1P	1P
-																
096	PACS FLCLK B 1 . VGDEC		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	096	2C	2C
084	PACS FLCLK B 1 . VSEL		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	084		
097	PACS FLCLK B 1 . VGSEL		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	097		
085	PACS FLCLK B 1 . AD6		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	085	1P	1P
098	PACS FLCLK B 1 . AD5		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	098		
086	PACS FLCLK B 1 . AD4		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	086		
099	PACS FLCLK B 1 . AD3		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	099		
087	PACS FLCLK B 1 . AD2		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	087		
100	PACS FLCLK B 1 . AD1		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	100		
088	PACS FLCLK B 1 . AD0		PX6.-	-	P605	111SS-38	5				HPSVMCB2	22	313200 J004	088		
072	PACS FLCLK B 1 . SH605		PX6.-	-	P605	111SS-38	5			CS-P605	HPSVMCB2	22	313200 J004	072	1P	1P
-										1 NU wire con to CS-P605						1P
-																
040	PACS LLClk B 1 . VSMS		PX4.-	-	P604	031SS-38	6				HPSVMCB2	22	313200 J004	040	2C	2C
051	PACS LLClk B 1 . CKRI		PX4.-	-	P604	031SS-38	6				HPSVMCB2	22	313200 J004	051	1P	1P
052	PACS LLClk B 1 . VDECX		PX4.-	-	P604	031SS-38	6				HPSVMCB2	22	313200 J004	052		
050	PACS LLClk B 1 . SH604		PX4.-	-	P604	031SS-38	6			CS-P604	HPSVMCB2	22	313200 J004	050	1P	1P
-																
068	PACS Fil Bias B 1 . VHB		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	068	1P	1P
079	PACS Fil Bias B 1 . VTRIL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	079	1P	1P
056	PACS Fil Bias B 1 . GNDCL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	056	1P	1P
067	PACS Fil Bias B 1 . VDPRO		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	067	1P	1P
090	PACS Fil Bias B 1 . VH		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	090	1P	1P
078	PACS Fil Bias B 1 . VL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	078	1P	1P
101	PACS Fil Bias B 1 . VRL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	101	1P	1P
089	PACS Fil Bias B 1 . VCH		PX2.-	-	P603	X09SB---	7	603		191SS38	HPSVMCB2	22	313200 J004	089	1P	1P
055	PACS Fil Bias B 1 . VSS		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	055	1P	1P
044	PACS Fil Bias B 1 . VDL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	044	1P	1P
043	PACS Fil Bias B 1 . VINJ		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	043	1P	1P
032	PACS Fil Bias B 1 . VGL		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	032	1P	1P
066	PACS Fil Bias B 1 . VDD		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	066	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P005
 CVVUCR

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603-605;603b)

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.											1P	1P
077	PACS Fil Bias B 1 . GNDBU		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	077	1P	1P
065	PACS Fil Bias B 1 . VPRBU		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	065	1P	1P
054	PACS Fil Bias B 1 . VGLBU		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	054	1P	1P
042	PACS Fil Bias B 1 . VGG		PX2.-	-	P603	X09SB---	7	603		191SS-38	HPSVMCB2	22	313200 J004	042	1P	1P
064	PACS Fil Bias B 1 . SH603		PX2.-	-	P603	X09SB---	7	603		CS- 603	HPSVMCB2	22	313200 J004	064	1P	1P
-										2 NU wires con to CS-P603						1P
-																
041	PACS Fil Bias B 1 . VSSBU		PX2.-	-	P603	X09SB---	8	603b		021BS-30	HPSVMCB2	22	313200 J004	041	1P	1P
053	PACS Fil Bias B 1 . VDLBU		PX2.-	-	P603	X09SB---	8	603b		021BS-30	HPSVMCB2	22	313200 J004	053	1P	1P
030	PACS Fil Bias B 1 . S603b		PX2.-	-	P603	X09SB---	8	603b		CS-603b	HPSVMCB2	22	313200 J004	030	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313200 J004
 HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
105	PACS S1-16 B 1. REF16		PX1.-	-	P601	TP8SS-38	1	601b	1		CVVUCR	33	211121 P005	105	1P	1P
115	PACS S1-16 B 1. S16		PX1.-	-	P601	TP8SS-38	1	601b	1		CVVUCR	33	211121 P005	115	1P	1P
106	PACS S1-16 B 1. REF15		PX1.-	-	P601	TP8SS-38	1	601b	2		CVVUCR	33	211121 P005	106	1P	1P
107	PACS S1-16 B 1. S15		PX1.-	-	P601	TP8SS-38	1	601b	2		CVVUCR	33	211121 P005	107	1P	1P
122	PACS S1-16 B 1. REF14		PX1.-	-	P601	TP8SS-38	1	601b	3		CVVUCR	33	211121 P005	122	1P	1P
123	PACS S1-16 B 1. S14		PX1.-	-	P601	TP8SS-38	1	601b	3		CVVUCR	33	211121 P005	123	1P	1P
116	PACS S1-16 B 1. REF13		PX1.-	-	P601	TP8SS-38	1	601b	4		CVVUCR	33	211121 P005	116	1P	1P
117	PACS S1-16 B 1. S13		PX1.-	-	P601	TP8SS-38	1	601b	4		CVVUCR	33	211121 P005	117	1P	1P
108	PACS S1-16 B 1. REF12		PX1.-	-	P601	TP8SS-38	1	601b	5		CVVUCR	33	211121 P005	108	1P	1P
109	PACS S1-16 B 1. S12		PX1.-	-	P601	TP8SS-38	1	601b	5		CVVUCR	33	211121 P005	109	1P	1P
124	PACS S1-16 B 1. REF11		PX1.-	-	P601	TP8SS-38	1	601b	6		CVVUCR	33	211121 P005	124	1P	1P
125	PACS S1-16 B 1. S11		PX1.-	-	P601	TP8SS-38	1	601b	6		CVVUCR	33	211121 P005	125	1P	1P
118	PACS S1-16 B 1. REF10		PX1.-	-	P601	TP8SS-38	1	601b	7		CVVUCR	33	211121 P005	118	1P	1P
110	PACS S1-16 B 1. S10		PX1.-	-	P601	TP8SS-38	1	601b	7		CVVUCR	33	211121 P005	110	1P	1P
119	PACS S1-16 B 1. REF09		PX1.-	-	P601	TP8SS-38	1	601b	8		CVVUCR	33	211121 P005	119	1P	1P
126	PACS S1-16 B 1. S09		PX1.-	-	P601	TP8SS-38	1	601b	8		CVVUCR	33	211121 P005	126	1P	1P
094	PACS S1-16 B 1. S601b		PX1.-	-	P601	TP8SS-38	1	601b		CS-P601b	CVVUCR	33	211121 P005	094	1P	1P
-																
127	PACS S1-16 B 1. REF08		PX1.-	-	P601	TP8SS-38	2	601c	9		CVVUCR	33	211121 P005	127	1P	1P
120	PACS S1-16 B 1. S08		PX1.-	-	P601	TP8SS-38	2	601c	9		CVVUCR	33	211121 P005	120	1P	1P
128	PACS S1-16 B 1. REF07		PX1.-	-	P601	TP8SS-38	2	601c	A		CVVUCR	33	211121 P005	128	1P	1P
121	PACS S1-16 B 1. S07		PX1.-	-	P601	TP8SS-38	2	601c	A		CVVUCR	33	211121 P005	121	1P	1P
112	PACS S1-16 B 1. REF06		PX1.-	-	P601	TP8SS-38	2	601c	B		CVVUCR	33	211121 P005	112	1P	1P
102	PACS S1-16 B 1. S06		PX1.-	-	P601	TP8SS-38	2	601c	B		CVVUCR	33	211121 P005	102	1P	1P
113	PACS S1-16 B 1. REF05		PX1.-	-	P601	TP8SS-38	2	601c	C		CVVUCR	33	211121 P005	113	1P	1P
103	PACS S1-16 B 1. S05		PX1.-	-	P601	TP8SS-38	2	601c	C		CVVUCR	33	211121 P005	103	1P	1P
091	PACS S1-16 B 1. REF04		PX1.-	-	P601	TP8SS-38	2	601c	D		CVVUCR	33	211121 P005	091	1P	1P
080	PACS S1-16 B 1. S04		PX1.-	-	P601	TP8SS-38	2	601c	D		CVVUCR	33	211121 P005	080	1P	1P
114	PACS S1-16 B 1. REF03		PX1.-	-	P601	TP8SS-38	2	601c	E		CVVUCR	33	211121 P005	114	1P	1P
104	PACS S1-16 B 1. S03		PX1.-	-	P601	TP8SS-38	2	601c	E		CVVUCR	33	211121 P005	104	1P	1P
092	PACS S1-16 B 1. REF02		PX1.-	-	P601	TP8SS-38	2	601c	F		CVVUCR	33	211121 P005	092	1P	1P
093	PACS S1-16 B 1. S02		PX1.-	-	P601	TP8SS-38	2	601c	F		CVVUCR	33	211121 P005	093	1P	1P
069	PACS S1-16 B 1. REF01		PX1.-	-	P601	TP8SS-38	2	601c	G		CVVUCR	33	211121 P005	069	1P	1P
081	PACS S1-16 B 1. S01		PX1.-	-	P601	TP8SS-38	2	601c	G		CVVUCR	33	211121 P005	081	1P	1P
111	PACS S1-16 B 1. S601c		PX1.-	-	P601	TP8SS-38	2	601c		CS-601c	CVVUCR	33	211121 P005	111	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J004
HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1	2
-																
026	PACS S17-32 B 1 . REF32		PX1.-	-	P602	TP8SS-38	3	602b	H		CVVUCR	33	211121 P005	026	1P	1P
015	PACS S17-32 B 1 . S32		PX1.-	-	P602	TP8SS-38	3	602b	H		CVVUCR	33	211121 P005	015	1P	1P
016	PACS S17-32 B 1 . REF31		PX1.-	-	P602	TP8SS-38	3	602b	J		CVVUCR	33	211121 P005	016	1P	1P
027	PACS S17-32 B 1 . S31		PX1.-	-	P602	TP8SS-38	3	602b	J		CVVUCR	33	211121 P005	027	1P	1P
008	PACS S17-32 B 1 . REF30		PX1.-	-	P602	TP8SS-38	3	602b	K		CVVUCR	33	211121 P005	008	1P	1P
001	PACS S17-32 B 1 . S30		PX1.-	-	P602	TP8SS-38	3	602b	K		CVVUCR	33	211121 P005	001	1P	1P
028	PACS S17-32 B 1 . REF29		PX1.-	-	P602	TP8SS-38	3	602b	L		CVVUCR	33	211121 P005	028	1P	1P
017	PACS S17-32 B 1 . S29		PX1.-	-	P602	TP8SS-38	3	602b	L		CVVUCR	33	211121 P005	017	1P	1P
009	PACS S17-32 B 1 . REF28		PX1.-	-	P602	TP8SS-38	3	602b	M		CVVUCR	33	211121 P005	009	1P	1P
002	PACS S17-32 B 1 . S28		PX1.-	-	P602	TP8SS-38	3	602b	M		CVVUCR	33	211121 P005	002	1P	1P
018	PACS S17-32 B 1 . REF27		PX1.-	-	P602	TP8SS-38	3	602b	N		CVVUCR	33	211121 P005	018	1P	1P
010	PACS S17-32 B 1 . S27		PX1.-	-	P602	TP8SS-38	3	602b	N		CVVUCR	33	211121 P005	010	1P	1P
003	PACS S17-32 B 1 . REF26		PX1.-	-	P602	TP8SS-38	3	602b	P		CVVUCR	33	211121 P005	003	1P	1P
004	PACS S17-32 B 1 . S26		PX1.-	-	P602	TP8SS-38	3	602b	P		CVVUCR	33	211121 P005	004	1P	1P
011	PACS S17-32 B 1 . REF25		PX1.-	-	P602	TP8SS-38	3	602b	Q		CVVUCR	33	211121 P005	011	1P	1P
019	PACS S17-32 B 1 . S25		PX1.-	-	P602	TP8SS-38	3	602b	Q		CVVUCR	33	211121 P005	019	1P	1P
025	PACS S17-32 B 1 . S602b		PX1.-	-	P602	TP8SS-38	3	602b		CS-602b	CVVUCR	33	211121 P005	025	1P	1P
-																
006	PACS S17-32 B 1 . REF24		PX1.-	-	P602	TP8SS-38	4	602c	R		CVVUCR	33	211121 P005	006	1P	1P
005	PACS S17-32 B 1 . S24		PX1.-	-	P602	TP8SS-38	4	602c	R		CVVUCR	33	211121 P005	005	1P	1P
013	PACS S17-32 B 1 . REF23		PX1.-	-	P602	TP8SS-38	4	602c	S		CVVUCR	33	211121 P005	013	1P	1P
007	PACS S17-32 B 1 . S23		PX1.-	-	P602	TP8SS-38	4	602c	S		CVVUCR	33	211121 P005	007	1P	1P
014	PACS S17-32 B 1 . REF22		PX1.-	-	P602	TP8SS-38	4	602c	T		CVVUCR	33	211121 P005	014	1P	1P
023	PACS S17-32 B 1 . S22		PX1.-	-	P602	TP8SS-38	4	602c	T		CVVUCR	33	211121 P005	023	1P	1P
022	PACS S17-32 B 1 . REF21		PX1.-	-	P602	TP8SS-38	4	602c	U		CVVUCR	33	211121 P005	022	1P	1P
033	PACS S17-32 B 1 . S21		PX1.-	-	P602	TP8SS-38	4	602c	U		CVVUCR	33	211121 P005	033	1P	1P
034	PACS S17-32 B 1 . REF20		PX1.-	-	P602	TP8SS-38	4	602c	V		CVVUCR	33	211121 P005	034	1P	1P
024	PACS S17-32 B 1 . S20		PX1.-	-	P602	TP8SS-38	4	602c	V		CVVUCR	33	211121 P005	024	1P	1P
045	PACS S17-32 B 1 . REF19		PX1.-	-	P602	TP8SS-38	4	602c	W		CVVUCR	33	211121 P005	045	1P	1P
046	PACS S17-32 B 1 . S19		PX1.-	-	P602	TP8SS-38	4	602c	W		CVVUCR	33	211121 P005	046	1P	1P
035	PACS S17-32 B 1 . REF18		PX1.-	-	P602	TP8SS-38	4	602c	X		CVVUCR	33	211121 P005	035	1P	1P
047	PACS S17-32 B 1 . S18		PX1.-	-	P602	TP8SS-38	4	602c	X		CVVUCR	33	211121 P005	047	1P	1P
058	PACS S17-32 B 1 . REF17		PX1.-	-	P602	TP8SS-38	4	602c	Y		CVVUCR	33	211121 P005	058	1P	1P
057	PACS S17-32 B 1 . S17		PX1.-	-	P602	TP8SS-38	4	602c	Y		CVVUCR	33	211121 P005	057	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J004
HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
012	PACS S17-32 B 1 . S602c		PX1.-	-	P602	TP8SS-38	4			CS-602c	CVVUCR	33	211121 P005	012	1P	1P
-																
096	PACS FLCLK B 1 . VGDEC		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	096	2C	2C
084	PACS FLCLK B 1 . VSEL		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	084		
097	PACS FLCLK B 1 . VGSEL		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	097		
085	PACS FLCLK B 1 . AD6		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	085	1P	1P
098	PACS FLCLK B 1 . AD5		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	098		
086	PACS FLCLK B 1 . AD4		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	086		
099	PACS FLCLK B 1 . AD3		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	099		
087	PACS FLCLK B 1 . AD2		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	087		
100	PACS FLCLK B 1 . AD1		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	100		
088	PACS FLCLK B 1 . AD0		PX6.-	-	P605	111SS-38	5				CVVUCR	33	211121 P005	088		
072	PACS FLCLK B 1 . SH605		PX6.-	-	P605	111SS-38	5			CS-P605	CVVUCR	33	211121 P005	072	1P	1P
-										1 NU wire con to CS-P605						1P
-																
040	PACS LLClk B 1 . VSMS		PX4.-	-	P604	031SS-38	6				CVVUCR	33	211121 P005	040	2C	2C
051	PACS LLClk B 1 . CKRI		PX4.-	-	P604	031SS-38	6				CVVUCR	33	211121 P005	051	1P	1P
052	PACS LLClk B 1 . VDECX		PX4.-	-	P604	031SS-38	6				CVVUCR	33	211121 P005	052		
050	PACS LLClk B 1 . SH604		PX4.-	-	P604	031SS-38	6			CS-P604	CVVUCR	33	211121 P005	050	1P	1P
-																
068	PACS Fil Bias B 1 . VHB		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	068	1P	1P
079	PACS Fil Bias B 1 . VTRIL		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	079	1P	1P
056	PACS Fil Bias B 1 . GNDCL		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	056	1P	1P
067	PACS Fil Bias B 1 . VDPRO		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	067	1P	1P
090	PACS Fil Bias B 1 . VH		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	090	1P	1P
078	PACS Fil Bias B 1 . VL		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	078	1P	1P
101	PACS Fil Bias B 1 . VRL		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	101	1P	1P
089	PACS Fil Bias B 1 . VCH		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	089	1P	1P
055	PACS Fil Bias B 1 . VSS		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	055	1P	1P
044	PACS Fil Bias B 1 . VDL		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	044	1P	1P
043	PACS Fil Bias B 1 . VINJ		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	043	1P	1P
032	PACS Fil Bias B 1 . VGL		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	032	1P	1P
066	PACS Fil Bias B 1 . VDD		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	066	1P	1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 212 (of 464)

Connector: 313200 J004
HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
077	PACS Fil Bias B 1 . GNDBU		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	077	1P	1P
065	PACS Fil Bias B 1 . VPRBU		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	065	1P	1P
054	PACS Fil Bias B 1 . VGLBU		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	054	1P	1P
042	PACS Fil Bias B 1 . VGG		PX2.-	-	P603	X09SB---	7	603		191SS38	CVVUCR	33	211121 P005	042	1P	1P
064	PACS Fil Bias B 1 . SH603		PX2.-	-	P603	X09SB---	7	603		CS-603	CVVUCR	33	211121 P005	064	1P	1P
-										2 NU wires con to CS-603						1P
041	PACS Fil Bias B 1 . VSSBU		PX2.-	-	P603	X09SB---	8	603b		021BS30	CVVUCR	33	211121 P005	041	1P	1P
053	PACS Fil Bias B 1 . VDLBU		PX2.-	-	P603	X09SB---	8	603b		021BS30	CVVUCR	33	211121 P005	053	1P	1P
030	PACS Fil Bias B 1 . S603b		PX2.-	-	P603	X09SB---	8	603b		CS-603b	CVVUCR	33	211121 P005	030	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 211121 P006
CVVUCR

Function / Bundle: SIH-XP-06 (606b/c;607b/c;608/b;609;610)

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.											1P	1P
105	PACS S1-16 B 2 . REF16		PX1.-	-	P606	TP8SS-38	1	606b	1		HPSVMCB2	22	313200 J006	105	1P	1P
115	PACS S1-16 B 2 . S16		PX1.-	-	P606	TP8SS-38	1	606b	1		HPSVMCB2	22	313200 J006	115	1P	1P
106	PACS S1-16 B 2 . REF15		PX1.-	-	P606	TP8SS-38	1	606b	2		HPSVMCB2	22	313200 J006	106	1P	1P
107	PACS S1-16 B 2 . S15		PX1.-	-	P606	TP8SS-38	1	606b	2		HPSVMCB2	22	313200 J006	107	1P	1P
122	PACS S1-16 B 2 . REF14		PX1.-	-	P606	TP8SS-38	1	606b	3		HPSVMCB2	22	313200 J006	122	1P	1P
123	PACS S1-16 B 2 . S14		PX1.-	-	P606	TP8SS-38	1	606b	3		HPSVMCB2	22	313200 J006	123	1P	1P
116	PACS S1-16 B 2 . REF13		PX1.-	-	P606	TP8SS-38	1	606b	4		HPSVMCB2	22	313200 J006	116	1P	1P
117	PACS S1-16 B 2 . S13		PX1.-	-	P606	TP8SS-38	1	606b	4		HPSVMCB2	22	313200 J006	117	1P	1P
108	PACS S1-16 B 2 . REF12		PX1.-	-	P606	TP8SS-38	1	606b	5		HPSVMCB2	22	313200 J006	108	1P	1P
109	PACS S1-16 B 2 . S12		PX1.-	-	P606	TP8SS-38	1	606b	5		HPSVMCB2	22	313200 J006	109	1P	1P
124	PACS S1-16 B 2 . REF11		PX1.-	-	P606	TP8SS-38	1	606b	6		HPSVMCB2	22	313200 J006	124	1P	1P
125	PACS S1-16 B 2 . S11		PX1.-	-	P606	TP8SS-38	1	606b	6		HPSVMCB2	22	313200 J006	125	1P	1P
118	PACS S1-16 B 2 . REF10		PX1.-	-	P606	TP8SS-38	1	606b	7		HPSVMCB2	22	313200 J006	118	1P	1P
110	PACS S1-16 B 2 . S10		PX1.-	-	P606	TP8SS-38	1	606b	7		HPSVMCB2	22	313200 J006	110	1P	1P
119	PACS S1-16 B 2 . REF09		PX1.-	-	P606	TP8SS-38	1	606b	8		HPSVMCB2	22	313200 J006	119	1P	1P
126	PACS S1-16 B 2 . S09		PX1.-	-	P606	TP8SS-38	1	606b	8		HPSVMCB2	22	313200 J006	126	1P	1P
094	PACS S1-16 B 2 . S606b		PX1.-	-	P606	TP8SS-38	1	606b		CS-606b	HPSVMCB2	22	313200 J006	094	1P	1P
-																
127	PACS S1-16 B 2 . REF08		PX1.-	-	P606	TP8SS-38	2	606c	9		HPSVMCB2	22	313200 J006	127	1P	1P
120	PACS S1-16 B 2 . S08		PX1.-	-	P606	TP8SS-38	2	606c	9		HPSVMCB2	22	313200 J006	120	1P	1P
128	PACS S1-16 B 2 . REF07		PX1.-	-	P606	TP8SS-38	2	606c	A		HPSVMCB2	22	313200 J006	128	1P	1P
121	PACS S1-16 B 2 . S07		PX1.-	-	P606	TP8SS-38	2	606c	A		HPSVMCB2	22	313200 J006	121	1P	1P
112	PACS S1-16 B 2 . REF06		PX1.-	-	P606	TP8SS-38	2	606c	B		HPSVMCB2	22	313200 J006	112	1P	1P
102	PACS S1-16 B 2 . S06		PX1.-	-	P606	TP8SS-38	2	606c	B		HPSVMCB2	22	313200 J006	102	1P	1P
113	PACS S1-16 B 2 . REF05		PX1.-	-	P606	TP8SS-38	2	606c	C		HPSVMCB2	22	313200 J006	113	1P	1P
103	PACS S1-16 B 2 . S05		PX1.-	-	P606	TP8SS-38	2	606c	C		HPSVMCB2	22	313200 J006	103	1P	1P
091	PACS S1-16 B 2 . REF04		PX1.-	-	P606	TP8SS-38	2	606c	D		HPSVMCB2	22	313200 J006	091	1P	1P
080	PACS S1-16 B 2 . S04		PX1.-	-	P606	TP8SS-38	2	606c	D		HPSVMCB2	22	313200 J006	080	1P	1P
114	PACS S1-16 B 2 . REF03		PX1.-	-	P606	TP8SS-38	2	606c	E		HPSVMCB2	22	313200 J006	114	1P	1P
104	PACS S1-16 B 2 . S03		PX1.-	-	P606	TP8SS-38	2	606c	E		HPSVMCB2	22	313200 J006	104	1P	1P
092	PACS S1-16 B 2 . REF02		PX1.-	-	P606	TP8SS-38	2	606c	F		HPSVMCB2	22	313200 J006	092	1P	1P
093	PACS S1-16 B 2 . S02		PX1.-	-	P606	TP8SS-38	2	606c	F		HPSVMCB2	22	313200 J006	093	1P	1P
069	PACS S1-16 B 2 . REF01		PX1.-	-	P606	TP8SS-38	2	606c	G		HPSVMCB2	22	313200 J006	069	1P	1P
081	PACS S1-16 B 2 . S01		PX1.-	-	P606	TP8SS-38	2	606c	G		HPSVMCB2	22	313200 J006	081	1P	1P
111	PACS S1-16 B 2 . S606c		PX1.-	-	P606	TP8SS-38	2	606c		CS-606c	HPSVMCB2	22	313200 J006	111	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P006
 CVVUCR

Function / Bundle: SIH-XP-06 (606b/c;607b/c;608/b;609;610)

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.											1	2
-																
026	PACS S17-32 B 2 . REF32		PX1.-	-	P607	TP8SS-38	3	607b	H		HPSVMCB2	22	313200 J006	026	1P	1P
015	PACS S17-32 B 2 . S32		PX1.-	-	P607	TP8SS-38	3	607b	H		HPSVMCB2	22	313200 J006	015	1P	1P
016	PACS S17-32 B 2 . REF31		PX1.-	-	P607	TP8SS-38	3	607b	J		HPSVMCB2	22	313200 J006	016	1P	1P
027	PACS S17-32 B 2 . S31		PX1.-	-	P607	TP8SS-38	3	607b	J		HPSVMCB2	22	313200 J006	027	1P	1P
008	PACS S17-32 B 2 . REF30		PX1.-	-	P607	TP8SS-38	3	607b	K		HPSVMCB2	22	313200 J006	008	1P	1P
001	PACS S17-32 B 2 . S30		PX1.-	-	P607	TP8SS-38	3	607b	K		HPSVMCB2	22	313200 J006	001	1P	1P
028	PACS S17-32 B 2 . REF29		PX1.-	-	P607	TP8SS-38	3	607b	L		HPSVMCB2	22	313200 J006	028	1P	1P
017	PACS S17-32 B 2 . S29		PX1.-	-	P607	TP8SS-38	3	607b	L		HPSVMCB2	22	313200 J006	017	1P	1P
009	PACS S17-32 B 2 . REF28		PX1.-	-	P607	TP8SS-38	3	607b	M		HPSVMCB2	22	313200 J006	009	1P	1P
002	PACS S17-32 B 2 . S28		PX1.-	-	P607	TP8SS-38	3	607b	M		HPSVMCB2	22	313200 J006	002	1P	1P
018	PACS S17-32 B 2 . REF27		PX1.-	-	P607	TP8SS-38	3	607b	N		HPSVMCB2	22	313200 J006	018	1P	1P
010	PACS S17-32 B 2 . S27		PX1.-	-	P607	TP8SS-38	3	607b	N		HPSVMCB2	22	313200 J006	010	1P	1P
003	PACS S17-32 B 2 . REF26		PX1.-	-	P607	TP8SS-38	3	607b	P		HPSVMCB2	22	313200 J006	003	1P	1P
004	PACS S17-32 B 2 . S26		PX1.-	-	P607	TP8SS-38	3	607b	P		HPSVMCB2	22	313200 J006	004	1P	1P
011	PACS S17-32 B 2 . REF25		PX1.-	-	P607	TP8SS-38	3	607b	Q		HPSVMCB2	22	313200 J006	011	1P	1P
019	PACS S17-32 B 2 . S25		PX1.-	-	P607	TP8SS-38	3	607b	Q		HPSVMCB2	22	313200 J006	019	1P	1P
025	PACS S17-32 B 2 . S607b		PX1.-	-	P607	TP8SS-38	3	607b		CS-607b	HPSVMCB2	22	313200 J006	025	1P	1P
-																
006	PACS S17-32 B 2 . REF24		PX1.-	-	P607	TP8SS-38	4	607c	R		HPSVMCB2	22	313200 J006	006	1P	1P
005	PACS S17-32 B 2 . S24		PX1.-	-	P607	TP8SS-38	4	607c	R		HPSVMCB2	22	313200 J006	005	1P	1P
013	PACS S17-32 B 2 . REF23		PX1.-	-	P607	TP8SS-38	4	607c	S		HPSVMCB2	22	313200 J006	013	1P	1P
007	PACS S17-32 B 2 . S23		PX1.-	-	P607	TP8SS-38	4	607c	S		HPSVMCB2	22	313200 J006	007	1P	1P
014	PACS S17-32 B 2 . REF22		PX1.-	-	P607	TP8SS-38	4	607c	T		HPSVMCB2	22	313200 J006	014	1P	1P
023	PACS S17-32 B 2 . S22		PX1.-	-	P607	TP8SS-38	4	607c	T		HPSVMCB2	22	313200 J006	023	1P	1P
022	PACS S17-32 B 2 . REF21		PX1.-	-	P607	TP8SS-38	4	607c	U		HPSVMCB2	22	313200 J006	022	1P	1P
033	PACS S17-32 B 2 . S21		PX1.-	-	P607	TP8SS-38	4	607c	U		HPSVMCB2	22	313200 J006	033	1P	1P
034	PACS S17-32 B 2 . REF20		PX1.-	-	P607	TP8SS-38	4	607c	V		HPSVMCB2	22	313200 J006	034	1P	1P
024	PACS S17-32 B 2 . S20		PX1.-	-	P607	TP8SS-38	4	607c	V		HPSVMCB2	22	313200 J006	024	1P	1P
045	PACS S17-32 B 2 . REF19		PX1.-	-	P607	TP8SS-38	4	607c	W		HPSVMCB2	22	313200 J006	045	1P	1P
046	PACS S17-32 B 2 . S19		PX1.-	-	P607	TP8SS-38	4	607c	W		HPSVMCB2	22	313200 J006	046	1P	1P
035	PACS S17-32 B 2 . REF18		PX1.-	-	P607	TP8SS-38	4	607c	X		HPSVMCB2	22	313200 J006	035	1P	1P
047	PACS S17-32 B 2 . S18		PX1.-	-	P607	TP8SS-38	4	607c	X		HPSVMCB2	22	313200 J006	047	1P	1P
058	PACS S17-32 B 2 . REF17		PX1.-	-	P607	TP8SS-38	4	607c	Y		HPSVMCB2	22	313200 J006	058	1P	1P
057	PACS S17-32 B 2 . S17		PX1.-	-	P607	TP8SS-38	4	607c	Y		HPSVMCB2	22	313200 J006	057	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P006
 CVVUCR

Function / Bundle: SIH-XP-06 (606b/c;607b/c;608/b;609;610)

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.											1P	2C
012	PACS S17-32 B 2 . S607c		PX1.-	-	P607	TP8SS-38	4	607c		CS-607c	HPSVMCB2	22	313200 J006	012	1P	1P
-																
096	PACS FL CLK B 2 . VGDEC		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	096	2C	2C
084	PACS FL CLK B 2 . VSEL		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	084	2C	2C
097	PACS FL CLK B 2 . VGSEL		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	097	2C	2C
085	PACS FL CLK B 2 . AD6		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	085	1P	1P
098	PACS FL CLK B 2 . AD5		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	098	2C	2C
086	PACS FL CLK B 2 . AD4		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	086	2C	2C
099	PACS FL CLK B 2 . AD3		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	099	2C	2C
087	PACS FL CLK B 2 . AD2		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	087	2C	2C
100	PACS FL CLK B 2 . AD1		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	100	2C	2C
088	PACS FL CLK B 2 . AD0		PX6.-	-	P610	111SS-38	5				HPSVMCB2	22	313200 J006	088	2C	2C
072	PACS FL CLK B 2 . SH610		PX6.-	-	P610	111SS-38	5			CS-P610	HPSVMCB2	22	313200 J006	072	1P	1P
-										1 NU wire con to CS-P610						1P
-																
040	PACS Fil LL CLK B 2 . VSMS		PX4.-	-	P609	031SS-38	6				HPSVMCB2	22	313200 J006	040	2C	2C
051	PACS Fil LL CLK B 2 . CKRI		PX4.-	-	P609	031SS-38	6				HPSVMCB2	22	313200 J006	051	1P	1P
052	PACS Fil LL CLK B 2 . VDECX		PX4.-	-	P609	031SS-38	6				HPSVMCB2	22	313200 J006	052	2C	2C
050	PACS Fil LL CLK B 2 . SH609		PX4.-	-	P609	031SS-38	6			CS-609	HPSVMCB2	22	313200 J006	050	1P	1P
-																
068	PACS Fil Bias B 2 . VHB		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	068	1P	2C
079	PACS Fil Bias B 2 . VTRIL		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	079	1P	2C
056	PACS Fil Bias B 2 . GNDCL		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	056	1P	2C
067	PACS Fil Bias B 2 . VDPRO		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	067	1P	2C
090	PACS Fil Bias B 2 . VH		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	090	1P	2C
078	PACS Fil Bias B 2 . VL		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	078	1P	2C
101	PACS Fil Bias B 2 . VRL		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	101	1P	2C
089	PACS Fil Bias B 2 . VCH		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	089	1P	2C
055	PACS Fil Bias B 2 . VSS		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	055	1P	2C
044	PACS Fil Bias B 2 . VDL		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	044	1P	2C
043	PACS Fil Bias B 2 . VINJ		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	043	1P	2C
032	PACS Fil Bias B 2 . VGL		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	032	1P	2C
066	PACS Fil Bias B 2 . VDD		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	066	1P	2C

Pin Allocation List

(Harness)

Connector: 211121 P006
 CVVUCR

Function / Bundle: SIH-XP-06 (606b/c;607b/c;608/b;609;610)

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.											
077	PACS Fil Bias B 2 . GNDBU		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	077	1P 2C
065	PACS Fil Bias B 2 . VPRBU		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	065	1P 2C
054	PACS Fil Bias B 2 . VGLBU		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	054	1P 2C
042	PACS Fil Bias B 2 . VGG		PX2.-	-	P608	X09SB---	7	608		191SS38	HPSVMCB2	22	313200 J006	042	1P 2C
064	PACS Fil Bias B 2 . SH608		PX2.-	-	P608	X09SB---	7	608		CS-608	HPSVMCB2	22	313200 J006	064	1P 1P
-										2 NU wires con to CS-P608					1P
-															
041	PACS Fil Bias B 2 . VSSBU		PX2.-	-	P608	X09SB---	8	608b		021BS30	HPSVMCB2	22	313200 J006	041	1P 1P
053	PACS Fil Bias B 2 . VDLBU		PX2.-	-	P608	X09SB---	8	608b		021BS30	HPSVMCB2	22	313200 J006	053	1P 1P
030	PACS Fil Bias B 2 . S608b		PX2.-	-	P608	X09SB---	8	608b		CS-608b	HPSVMCB2	22	313200 J006	030	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 313200 J006
HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
105	PACS S1-16 B 2 . REF16		PX1.-	-	P606	TP8SS-38	1	606b	1		CVVUCR	33	211121 P006	105	1P	1P
115	PACS S1-16 B 2 . S16		PX1.-	-	P606	TP8SS-38	1	606b	1		CVVUCR	33	211121 P006	115	1P	1P
106	PACS S1-16 B 2 . REF15		PX1.-	-	P606	TP8SS-38	1	606b	2		CVVUCR	33	211121 P006	106	1P	1P
107	PACS S1-16 B 2 . S15		PX1.-	-	P606	TP8SS-38	1	606b	2		CVVUCR	33	211121 P006	107	1P	1P
122	PACS S1-16 B 2 . REF14		PX1.-	-	P606	TP8SS-38	1	606b	3		CVVUCR	33	211121 P006	122	1P	1P
123	PACS S1-16 B 2 . S14		PX1.-	-	P606	TP8SS-38	1	606b	3		CVVUCR	33	211121 P006	123	1P	1P
116	PACS S1-16 B 2 . REF13		PX1.-	-	P606	TP8SS-38	1	606b	4		CVVUCR	33	211121 P006	116	1P	1P
117	PACS S1-16 B 2 . S13		PX1.-	-	P606	TP8SS-38	1	606b	4		CVVUCR	33	211121 P006	117	1P	1P
108	PACS S1-16 B 2 . REF12		PX1.-	-	P606	TP8SS-38	1	606b	5		CVVUCR	33	211121 P006	108	1P	1P
109	PACS S1-16 B 2 . S12		PX1.-	-	P606	TP8SS-38	1	606b	5		CVVUCR	33	211121 P006	109	1P	1P
124	PACS S1-16 B 2 . REF11		PX1.-	-	P606	TP8SS-38	1	606b	6		CVVUCR	33	211121 P006	124	1P	1P
125	PACS S1-16 B 2 . S11		PX1.-	-	P606	TP8SS-38	1	606b	6		CVVUCR	33	211121 P006	125	1P	1P
118	PACS S1-16 B 2 . REF10		PX1.-	-	P606	TP8SS-38	1	606b	7		CVVUCR	33	211121 P006	118	1P	1P
110	PACS S1-16 B 2 . S10		PX1.-	-	P606	TP8SS-38	1	606b	7		CVVUCR	33	211121 P006	110	1P	1P
119	PACS S1-16 B 2 . REF09		PX1.-	-	P606	TP8SS-38	1	606b	8		CVVUCR	33	211121 P006	119	1P	1P
126	PACS S1-16 B 2 . S09		PX1.-	-	P606	TP8SS-38	1	606b	8		CVVUCR	33	211121 P006	126	1P	1P
094	PACS S1-16 B 2 . S606b		PX1.-	-	P606	TP8SS-38	1	606b		CS-606b	CVVUCR	33	211121 P006	094	1P	1P
-																2C
127	PACS S1-16 B 2 . REF08		PX1.-	-	P606	TP8SS-38	2	606c	9		CVVUCR	33	211121 P006	127	1P	1P
120	PACS S1-16 B 2 . S08		PX1.-	-	P606	TP8SS-38	2	606c	9		CVVUCR	33	211121 P006	120	1P	1P
128	PACS S1-16 B 2 . REF07		PX1.-	-	P606	TP8SS-38	2	606c	A		CVVUCR	33	211121 P006	128	1P	1P
121	PACS S1-16 B 2 . S07		PX1.-	-	P606	TP8SS-38	2	606c	A		CVVUCR	33	211121 P006	121	1P	1P
112	PACS S1-16 B 2 . REF06		PX1.-	-	P606	TP8SS-38	2	606c	B		CVVUCR	33	211121 P006	112	1P	1P
102	PACS S1-16 B 2 . S06		PX1.-	-	P606	TP8SS-38	2	606c	B		CVVUCR	33	211121 P006	102	1P	1P
113	PACS S1-16 B 2 . REF05		PX1.-	-	P606	TP8SS-38	2	606c	C		CVVUCR	33	211121 P006	113	1P	1P
103	PACS S1-16 B 2 . S05		PX1.-	-	P606	TP8SS-38	2	606c	C		CVVUCR	33	211121 P006	103	1P	1P
091	PACS S1-16 B 2 . REF04		PX1.-	-	P606	TP8SS-38	2	606c	D		CVVUCR	33	211121 P006	091	1P	1P
080	PACS S1-16 B 2 . S04		PX1.-	-	P606	TP8SS-38	2	606c	D		CVVUCR	33	211121 P006	080	1P	1P
114	PACS S1-16 B 2 . REF03		PX1.-	-	P606	TP8SS-38	2	606c	E		CVVUCR	33	211121 P006	114	1P	1P
104	PACS S1-16 B 2 . S03		PX1.-	-	P606	TP8SS-38	2	606c	E		CVVUCR	33	211121 P006	104	1P	1P
092	PACS S1-16 B 2 . REF02		PX1.-	-	P606	TP8SS-38	2	606c	F		CVVUCR	33	211121 P006	092	1P	1P
093	PACS S1-16 B 2 . S02		PX1.-	-	P606	TP8SS-38	2	606c	F		CVVUCR	33	211121 P006	093	1P	1P
069	PACS S1-16 B 2 . REF01		PX1.-	-	P606	TP8SS-38	2	606c	G		CVVUCR	33	211121 P006	069	1P	1P
081	PACS S1-16 B 2 . S01		PX1.-	-	P606	TP8SS-38	2	606c	G		CVVUCR	33	211121 P006	081	1P	1P
111	PACS S1-16 B 2 . S606c		PX1.-	-	P606	TP8SS-38	2	606c		CS-606c	CVVUCR	33	211121 P006	111	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J006
HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
-															
026	PACS S17-32 B 2 . REF32		PX1.-	-	P607	TP8SS-38	3	607b	H		CVVUCR	33	211121 P006	026	1P 1P
015	PACS S17-32 B 2 . S32		PX1.-	-	P607	TP8SS-38	3	607b	H		CVVUCR	33	211121 P006	015	1P 1P
016	PACS S17-32 B 2 . REF31		PX1.-	-	P607	TP8SS-38	3	607b	J		CVVUCR	33	211121 P006	016	1P 1P
027	PACS S17-32 B 2 . S31		PX1.-	-	P607	TP8SS-38	3	607b	J		CVVUCR	33	211121 P006	027	1P 1P
008	PACS S17-32 B 2 . REF30		PX1.-	-	P607	TP8SS-38	3	607b	K		CVVUCR	33	211121 P006	008	1P 1P
001	PACS S17-32 B 2 . S30		PX1.-	-	P607	TP8SS-38	3	607b	K		CVVUCR	33	211121 P006	001	1P 1P
028	PACS S17-32 B 2 . REF29		PX1.-	-	P607	TP8SS-38	3	607b	L		CVVUCR	33	211121 P006	028	1P 1P
017	PACS S17-32 B 2 . S29		PX1.-	-	P607	TP8SS-38	3	607b	L		CVVUCR	33	211121 P006	017	1P 1P
009	PACS S17-32 B 2 . REF28		PX1.-	-	P607	TP8SS-38	3	607b	M		CVVUCR	33	211121 P006	009	1P 1P
002	PACS S17-32 B 2 . S28		PX1.-	-	P607	TP8SS-38	3	607b	M		CVVUCR	33	211121 P006	002	1P 1P
018	PACS S17-32 B 2 . REF27		PX1.-	-	P607	TP8SS-38	3	607b	N		CVVUCR	33	211121 P006	018	1P 1P
010	PACS S17-32 B 2 . S27		PX1.-	-	P607	TP8SS-38	3	607b	N		CVVUCR	33	211121 P006	010	1P 1P
003	PACS S17-32 B 2 . REF26		PX1.-	-	P607	TP8SS-38	3	607b	P		CVVUCR	33	211121 P006	003	1P 1P
004	PACS S17-32 B 2 . S26		PX1.-	-	P607	TP8SS-38	3	607b	P		CVVUCR	33	211121 P006	004	1P 1P
011	PACS S17-32 B 2 . REF25		PX1.-	-	P607	TP8SS-38	3	607b	Q		CVVUCR	33	211121 P006	011	1P 1P
019	PACS S17-32 B 2 . S25		PX1.-	-	P607	TP8SS-38	3	607b	Q		CVVUCR	33	211121 P006	019	1P 1P
025	PACS S17-32 B 2 . S607b		PX1.-	-	P607	TP8SS-38	3	607b	Q	CS-607b	CVVUCR	33	211121 P006	025	1P 1P
-															
006	PACS S17-32 B 2 . REF24		PX1.-	-	P607	TP8SS-38	4	607c	R		CVVUCR	33	211121 P006	006	1P 1P
005	PACS S17-32 B 2 . S24		PX1.-	-	P607	TP8SS-38	4	607c	R		CVVUCR	33	211121 P006	005	1P 1P
013	PACS S17-32 B 2 . REF23		PX1.-	-	P607	TP8SS-38	4	607c	S		CVVUCR	33	211121 P006	013	1P 1P
007	PACS S17-32 B 2 . S23		PX1.-	-	P607	TP8SS-38	4	607c	S		CVVUCR	33	211121 P006	007	1P 1P
014	PACS S17-32 B 2 . REF22		PX1.-	-	P607	TP8SS-38	4	607c	T		CVVUCR	33	211121 P006	014	1P 1P
023	PACS S17-32 B 2 . S22		PX1.-	-	P607	TP8SS-38	4	607c	T		CVVUCR	33	211121 P006	023	1P 1P
022	PACS S17-32 B 2 . REF21		PX1.-	-	P607	TP8SS-38	4	607c	U		CVVUCR	33	211121 P006	022	1P 1P
033	PACS S17-32 B 2 . S21		PX1.-	-	P607	TP8SS-38	4	607c	U		CVVUCR	33	211121 P006	033	1P 1P
034	PACS S17-32 B 2 . REF20		PX1.-	-	P607	TP8SS-38	4	607c	V		CVVUCR	33	211121 P006	034	1P 1P
024	PACS S17-32 B 2 . S20		PX1.-	-	P607	TP8SS-38	4	607c	V		CVVUCR	33	211121 P006	024	1P 1P
045	PACS S17-32 B 2 . REF19		PX1.-	-	P607	TP8SS-38	4	607c	W		CVVUCR	33	211121 P006	045	1P 1P
046	PACS S17-32 B 2 . S19		PX1.-	-	P607	TP8SS-38	4	607c	W		CVVUCR	33	211121 P006	046	1P 1P
035	PACS S17-32 B 2 . REF18		PX1.-	-	P607	TP8SS-38	4	607c	X		CVVUCR	33	211121 P006	035	1P 1P
047	PACS S17-32 B 2 . S18		PX1.-	-	P607	TP8SS-38	4	607c	X		CVVUCR	33	211121 P006	047	1P 1P
058	PACS S17-32 B 2 . REF17		PX1.-	-	P607	TP8SS-38	4	607c	Y		CVVUCR	33	211121 P006	058	1P 1P
057	PACS S17-32 B 2 . S17		PX1.-	-	P607	TP8SS-38	4	607c	Y		CVVUCR	33	211121 P006	057	1P 1P

Pin Allocation List

(Harness)

Connector: 313200 J006
 HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
012	PACS S17-32 B 2 . S607c		PX1.-	-	P607	TP8SS-38	4	607c	CS-607c	CVVUCR	33	211121 P006	012	1P	1P	
-																
096	PACS FL CLK B 2 . VGDEC		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	096	2C	2C	
084	PACS FL CLK B 2 . VSEL		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	084	2C	2C	
097	PACS FL CLK B 2 . VGSEL		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	097	2C	2C	
085	PACS FL CLK B 2 . AD6		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	085	1P	1P	
098	PACS FL CLK B 2 . AD5		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	098	2C	2C	
086	PACS FL CLK B 2 . AD4		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	086	2C	2C	
099	PACS FL CLK B 2 . AD3		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	099	2C	2C	
087	PACS FL CLK B 2 . AD2		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	087	2C	2C	
100	PACS FL CLK B 2 . AD1		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	100	2C	2C	
088	PACS FL CLK B 2 . AD0		PX6.-	-	P610	111SS-38	5			CVVUCR	33	211121 P006	088	2C	2C	
072	PACS FL CLK B 2 . SH610		PX6.-	-	P610	111SS-38	5		CS-P610	CVVUCR	33	211121 P006	072	1P	1P	
-									1 NU wire con to P610						1P	
-																
040	PACS Fil LL CLK B 2 . VSMS		PX4.-	-	P609	031SS-38	6			CVVUCR	33	211121 P006	040	2C	2C	
051	PACS Fil LL CLK B 2 . CKRI		PX4.-	-	P609	031SS-38	6			CVVUCR	33	211121 P006	051	1P	1P	
052	PACS Fil LL CLK B 2 . VDECX		PX4.-	-	P609	031SS-38	6			CVVUCR	33	211121 P006	052	2C	2C	
050	PACS Fil LL CLK B 2 . SH609		PX4.-	-	P609	031SS-38	6		CS-609	CVVUCR	33	211121 P006	050	1P	1P	
-																
068	PACS Fil Bias B 2 . VHB		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	068	2C	1P	
079	PACS Fil Bias B 2 . VTRIL		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	079	2C	1P	
056	PACS Fil Bias B 2 . GNDCL		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	056	2C	1P	
067	PACS Fil Bias B 2 . VDPRO		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	067	2C	1P	
090	PACS Fil Bias B 2 . VH		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	090	2C	1P	
078	PACS Fil Bias B 2 . VL		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	078	2C	1P	
101	PACS Fil Bias B 2 . VRL		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	101	2C	1P	
089	PACS Fil Bias B 2 . VCH		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	089	2C	1P	
055	PACS Fil Bias B 2 . VSS		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	055	2C	1P	
044	PACS Fil Bias B 2 . VDL		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	044	2C	1P	
043	PACS Fil Bias B 2 . VINJ		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	043	2C	1P	
032	PACS Fil Bias B 2 . VGL		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	032	2C	1P	
066	PACS Fil Bias B 2 . VDD		PX2.-	-	P608	X09SB---	7		191SS38	CVVUCR	33	211121 P006	066	2C	1P	

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 220 (of 464)

Connector: 313200 J006
 HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
077	PACS Fil Bias B 2 . GNDBU		PX2.-	-	P608	X09SB---	7			191SS38	CVVUCR	33	211121 P006	077	2C 1P
065	PACS Fil Bias B 2 . VPRBU		PX2.-	-	P608	X09SB---	7			191SS38	CVVUCR	33	211121 P006	065	2C 1P
054	PACS Fil Bias B 2 . VGLBU		PX2.-	-	P608	X09SB---	7			191SS38	CVVUCR	33	211121 P006	054	2C 1P
042	PACS Fil Bias B 2 . VGG		PX2.-	-	P608	X09SB---	7			191SS38	CVVUCR	33	211121 P006	042	2C 1P
064	PACS Fil Bias B 2 . SH608		PX2.-	-	P608	X09SB---	7			CS-608	CVVUCR	33	211121 P006	064	1P 1P
-										2 NU wires con to CS-608					1P
-															
041	PACS Fil Bias B 2 . VSSBU		PX2.-	-	P608	X09SB---	8	608b		021BS-30	CVVUCR	33	211121 P006	041	1P 1P
053	PACS Fil Bias B 2 . VDLBU		PX2.-	-	P608	X09SB---	8	908b		021BS-30	CVVUCR	33	211121 P006	053	1P 1P
030	PACS Fil Bias B 2 . S608b		PX2.-	-	P608	X09SB---	8	608b		CS-608b	CVVUCR	33	211121 P006	030	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 211121 P010
 CVVUCR

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614;615)

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.											1P	1P
105	PACS S01-16 B 3 . REF16		PX1.-	-	P611	TP8SS-38	1	611b	1		HPSVMCB2	22	313200 J008	105	1P	1P
115	PACS S01-16 B 3 . S16		PX1.-	-	P611	TP8SS-38	1	611b	1		HPSVMCB2	22	313200 J008	115	1P	1P
106	PACS S01-16 B 3 . REF15		PX1.-	-	P611	TP8SS-38	1	611b	2		HPSVMCB2	22	313200 J008	106	1P	1P
107	PACS S01-16 B 3 . S15		PX1.-	-	P611	TP8SS-38	1	611b	2		HPSVMCB2	22	313200 J008	107	1P	1P
122	PACS S01-16 B 3 . REF14		PX1.-	-	P611	TP8SS-38	1	611b	3		HPSVMCB2	22	313200 J008	122	1P	1P
123	PACS S01-16 B 3 . S14		PX1.-	-	P611	TP8SS-38	1	611b	3		HPSVMCB2	22	313200 J008	123	1P	1P
116	PACS S01-16 B 3 . REF13		PX1.-	-	P611	TP8SS-38	1	611b	4		HPSVMCB2	22	313200 J008	116	1P	1P
117	PACS S01-16 B 3 . S13		PX1.-	-	P611	TP8SS-38	1	611b	4		HPSVMCB2	22	313200 J008	117	1P	1P
108	PACS S01-16 B 3 . REF12		PX1.-	-	P611	TP8SS-38	1	611b	5		HPSVMCB2	22	313200 J008	108	1P	1P
109	PACS S01-16 B 3 . S12		PX1.-	-	P611	TP8SS-38	1	611b	5		HPSVMCB2	22	313200 J008	109	1P	1P
124	PACS S01-16 B 3 . REF11		PX1.-	-	P611	TP8SS-38	1	611b	6		HPSVMCB2	22	313200 J008	124	1P	1P
125	PACS S01-16 B 3 . S11		PX1.-	-	P611	TP8SS-38	1	611b	6		HPSVMCB2	22	313200 J008	125	1P	1P
118	PACS S01-16 B 3 . REF10		PX1.-	-	P611	TP8SS-38	1	611b	7		HPSVMCB2	22	313200 J008	118	1P	1P
110	PACS S01-16 B 3 . S10		PX1.-	-	P611	TP8SS-38	1	611b	7		HPSVMCB2	22	313200 J008	110	1P	1P
119	PACS S01-16 B 3 . REF09		PX1.-	-	P611	TP8SS-38	1	611b	8		HPSVMCB2	22	313200 J008	119	1P	1P
126	PACS S01-16 B 3 . S09		PX1.-	-	P611	TP8SS-38	1	611b	8		HPSVMCB2	22	313200 J008	126	1P	1P
094	PACS S01-16 B 3 . S611b		PX1.-	-	P611	TP8SS-38	1	611b		CS-611b	HPSVMCB2	22	313200 J008	094	1P	1P
-																
127	PACS S01-16 B 3 . REF08		PX1.-	-	P611	TP8SS-38	2	611c	9		HPSVMCB2	22	313200 J008	127	1P	1P
120	PACS S01-16 B 3 . S08		PX1.-	-	P611	TP8SS-38	2	611c	9		HPSVMCB2	22	313200 J008	120	1P	1P
128	PACS S01-16 B 3 . REF07		PX1.-	-	P611	TP8SS-38	2	611c	A		HPSVMCB2	22	313200 J008	128	1P	1P
121	PACS S01-16 B 3 . S07		PX1.-	-	P611	TP8SS-38	2	611c	A		HPSVMCB2	22	313200 J008	121	1P	1P
112	PACS S01-16 B 3 . REF06		PX1.-	-	P611	TP8SS-38	2	611c	B		HPSVMCB2	22	313200 J008	112	1P	1P
102	PACS S01-16 B 3 . S06		PX1.-	-	P611	TP8SS-38	2	611c	B		HPSVMCB2	22	313200 J008	102	1P	1P
113	PACS S01-16 B 3 . REF05		PX1.-	-	P611	TP8SS-38	2	611c	C		HPSVMCB2	22	313200 J008	113	1P	1P
103	PACS S01-16 B 3 . S05		PX1.-	-	P611	TP8SS-38	2	611c	C		HPSVMCB2	22	313200 J008	103	1P	1P
091	PACS S01-16 B 3 . REF04		PX1.-	-	P611	TP8SS-38	2	611c	D		HPSVMCB2	22	313200 J008	091	1P	1P
080	PACS S01-16 B 3 . S04		PX1.-	-	P611	TP8SS-38	2	611c	D		HPSVMCB2	22	313200 J008	080	1P	1P
114	PACS S01-16 B 3 . REF03		PX1.-	-	P611	TP8SS-38	2	611c	E		HPSVMCB2	22	313200 J008	114	1P	1P
104	PACS S01-16 B 3 . S03		PX1.-	-	P611	TP8SS-38	2	611c	E		HPSVMCB2	22	313200 J008	104	1P	1P
092	PACS S01-16 B 3 . REF02		PX1.-	-	P611	TP8SS-38	2	611c	F		HPSVMCB2	22	313200 J008	092	1P	1P
093	PACS S01-16 B 3 . S02		PX1.-	-	P611	TP8SS-38	2	611c	F		HPSVMCB2	22	313200 J008	093	1P	1P
069	PACS S01-16 B 3 . REF01		PX1.-	-	P611	TP8SS-38	2	611c	G		HPSVMCB2	22	313200 J008	069	1P	1P
081	PACS S01-16 B 3 . S01		PX1.-	-	P611	TP8SS-38	2	611c	G		HPSVMCB2	22	313200 J008	081	1P	1P
111	PACS S01-16 B 3 . S611c		PX1.-	-	P611	TP8SS-38	2	611c		CS-611c	HPSVMCB2	22	313200 J008	111	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P010
CVVUCR

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614;615)

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.											1	2
-																
026	PACS S17-32 B 3 . REF32		PX1.-	-	P612	TP8SS-38	3	612b	H		HPSVMCB2	22	313200 J008	026	1P	1P
015	PACS S17-32 B 3 . S32		PX1.-	-	P612	TP8SS-38	3	612b	H		HPSVMCB2	22	313200 J008	015	1P	1P
016	PACS S17-32 B 3 . REF31		PX1.-	-	P612	TP8SS-38	3	612b	J		HPSVMCB2	22	313200 J008	016	1P	1P
027	PACS S17-32 B 3 . S31		PX1.-	-	P612	TP8SS-38	3	612b	J		HPSVMCB2	22	313200 J008	027	1P	1P
008	PACS S17-32 B 3 . REF30		PX1.-	-	P612	TP8SS-38	3	612b	K		HPSVMCB2	22	313200 J008	008	1P	1P
001	PACS S17-32 B 3 . S30		PX1.-	-	P612	TP8SS-38	3	612b	K		HPSVMCB2	22	313200 J008	001	1P	1P
028	PACS S17-32 B 3 . REF29		PX1.-	-	P612	TP8SS-38	3	612b	L		HPSVMCB2	22	313200 J008	028	1P	1P
017	PACS S17-32 B 3 . S29		PX1.-	-	P612	TP8SS-38	3	612b	L		HPSVMCB2	22	313200 J008	017	1P	1P
009	PACS S17-32 B 3 . REF28		PX1.-	-	P612	TP8SS-38	3	612b	M		HPSVMCB2	22	313200 J008	009	1P	1P
002	PACS S17-32 B 3 . S28		PX1.-	-	P612	TP8SS-38	3	612b	M		HPSVMCB2	22	313200 J008	002	1P	1P
018	PACS S17-32 B 3 . REF27		PX1.-	-	P612	TP8SS-38	3	612b	N		HPSVMCB2	22	313200 J008	018	1P	1P
010	PACS S17-32 B 3 . S27		PX1.-	-	P612	TP8SS-38	3	612b	N		HPSVMCB2	22	313200 J008	010	1P	1P
003	PACS S17-32 B 3 . REF26		PX1.-	-	P612	TP8SS-38	3	612b	P		HPSVMCB2	22	313200 J008	003	1P	1P
004	PACS S17-32 B 3 . S26		PX1.-	-	P612	TP8SS-38	3	612b	P		HPSVMCB2	22	313200 J008	004	1P	1P
011	PACS S17-32 B 3 . REF25		PX1.-	-	P612	TP8SS-38	3	612b	Q		HPSVMCB2	22	313200 J008	011	1P	1P
019	PACS S17-32 B 3 . S25		PX1.-	-	P612	TP8SS-38	3	612b	Q		HPSVMCB2	22	313200 J008	019	1P	1P
025	PACS S17-32 B 3 . S612b		PX1.-	-	P612	TP8SS-38	3	612b		CS-612b	HPSVMCB2	22	313200 J008	025	1P	1P
-																
006	PACS S17-32 B 3 . REF24		PX1.-	-	P612	TP8SS-38	4	612c	R		HPSVMCB2	22	313200 J008	006	1P	1P
005	PACS S17-32 B 3 . S24		PX1.-	-	P612	TP8SS-38	4	612c	R		HPSVMCB2	22	313200 J008	005	1P	1P
013	PACS S17-32 B 3 . REF23		PX1.-	-	P612	TP8SS-38	4	612c	S		HPSVMCB2	22	313200 J008	013	1P	1P
007	PACS S17-32 B 3 . S23		PX1.-	-	P612	TP8SS-38	4	612c	S		HPSVMCB2	22	313200 J008	007	1P	1P
014	PACS S17-32 B 3 . REF22		PX1.-	-	P612	TP8SS-38	4	612c	T		HPSVMCB2	22	313200 J008	014	1P	1P
023	PACS S17-32 B 3 . S22		PX1.-	-	P612	TP8SS-38	4	612c	T		HPSVMCB2	22	313200 J008	023	1P	1P
022	PACS S17-32 B 3 . REF21		PX1.-	-	P612	TP8SS-38	4	612c	U		HPSVMCB2	22	313200 J008	022	1P	1P
033	PACS S17-32 B 3 . S21		PX1.-	-	P612	TP8SS-38	4	612c	U		HPSVMCB2	22	313200 J008	033	1P	1P
034	PACS S17-32 B 3 . REF20		PX1.-	-	P612	TP8SS-38	4	612c	V		HPSVMCB2	22	313200 J008	034	1P	1P
024	PACS S17-32 B 3 . S20		PX1.-	-	P612	TP8SS-38	4	612c	V		HPSVMCB2	22	313200 J008	024	1P	1P
045	PACS S17-32 B 3 . REF19		PX1.-	-	P612	TP8SS-38	4	612c	W		HPSVMCB2	22	313200 J008	045	1P	1P
046	PACS S17-32 B 3 . S19		PX1.-	-	P612	TP8SS-38	4	612c	W		HPSVMCB2	22	313200 J008	046	1P	1P
035	PACS S17-32 B 3 . REF18		PX1.-	-	P612	TP8SS-38	4	612c	X		HPSVMCB2	22	313200 J008	035	1P	1P
047	PACS S17-32 B 3 . S18		PX1.-	-	P612	TP8SS-38	4	612c	X		HPSVMCB2	22	313200 J008	047	1P	1P
058	PACS S17-32 B 3 . REF17		PX1.-	-	P612	TP8SS-38	4	612c	Y		HPSVMCB2	22	313200 J008	058	1P	1P
057	PACS S17-32 B 3 . S17		PX1.-	-	P612	TP8SS-38	4	612c	Y		HPSVMCB2	22	313200 J008	057	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P010
CVVUCR

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614;615)

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.											1P	2C
012	PACS S17-32 B 3 . S612c		PX1.-	-	P612	TP8SS-38	4	612c		CS-612c	HPSVMCB2	22	313200 J008	012	1P	1P
-																
096	PACS FL Clock B 3 . VGDEC		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	096	2C	2C
084	PACS FL Clock B 3 . VSEL		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	084	2C	2C
097	PACS FL Clock B 3 . VGSEL		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	097	2C	2C
085	PACS FL Clock B 3 . AD6		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	085	2C	1P
098	PACS FL Clock B 3 . AD5		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	098	2C	2C
086	PACS FL Clock B 3 . AD4		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	086	2C	2C
099	PACS FL Clock B 3 . AD3		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	099	2C	2C
087	PACS FL Clock B 3 . AD2		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	087	2C	2C
100	PACS FL Clock B 3 . AD1		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	100	2C	2C
088	PACS FL Clock B 3 . AD0		PX6.-	-	P615	111SS-38	5				HPSVMCB2	22	313200 J008	088	2C	2C
072	PACS FL Clock B 3 . SH615		PX6.-	-	P615	111SS-38	5			CS-P615	HPSVMCB2	22	313200 J008	072	1P	1P
-										1 NU wire con to CS-P615						1P
-																
040	PACS Fil LL CLK B 3 . VSMS		PX4.-	-	P614	031SS-38	6				HPSVMCB2	22	313200 J008	040	2C	2C
051	PACS Fil LL CLK B 3 . CKRI		PX4.-	-	P614	031SS-38	6				HPSVMCB2	22	313200 J008	051	1P	1P
052	PACS Fil LL CLK B 3 . VDECX		PX4.-	-	P614	031SS-38	6				HPSVMCB2	22	313200 J008	052	2C	2C
050	PACS Fil LL CLK B 3 . SH614		PX4.-	-	P614	031SS-38	6			CS-P614	HPSVMCB2	22	313200 J008	050	1P	1P
-																
068	PACS Fil Bias B 3 . VHB		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	068	1P	1P
079	PACS Fil Bias B 3 . VTRIL		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	079	1P	1P
056	PACS Fil Bias B 3 . GNDCL		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	056	1P	1P
067	PACS Fil Bias B 3 . VDPRO		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	067	1P	1P
090	PACS Fil Bias B 3 . VH		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	090	1P	1P
078	PACS Fil Bias B 3 . VL		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	078	1P	1P
101	PACS Fil Bias B 3 . VRL		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	101	1P	1P
089	PACS Fil Bias B 3 . VCH		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	089	1P	1P
055	PACS Fil Bias B 3 . VSS		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	055	1P	1P
044	PACS Fil Bias B 3 . VDL		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	044	1P	1P
043	PACS Fil Bias B 3 . VINJ		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	043	1P	1P
032	PACS Fil Bias B 3 . VGL		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	032	1P	1P
066	PACS Fil Bias B 3 . VDD		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	066	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P010
 CVVUCR

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614;615)

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.											1P	1P
077	PACS Fil Bias B 3 . GNDBU		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	077	1P	1P
065	PACS Fil Bias B 3 . VPRBU		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	065	1P	1P
054	PACS Fil Bias B 3 . VGLBU		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	054	1P	1P
042	PACS Fil Bias B 3 . VGG		PX2.-	-	P613	X09SB---	7	613		191SS38	HPSVMCB2	22	313200 J008	042	1P	1P
064	PACS Fil Bias B 3 . SH613		PX2.-	-	P613	X09SB---	7	613		CS-613	HPSVMCB2	22	313200 J008	064	1P	1P
-										2 NU wires CS-613						1P
-																
041	PACS Fil Bias B 3 . VSSBU		PX2.-	-	P613	X09SB---	8	613b		Brass 021BS30	HPSVMCB2	22	313200 J008	041	1P	1P
053	PACS Fil Bias B 3 . VDLBU		PX2.-	-	P613	X09SB---	8	613b		Brass 021BS30	HPSVMCB2	22	313200 J008	053	1P	1P
030	PACS Fil Bias B 3 . S613b		PX2.-	-	P613	X09SB---	8	613b		Cable 613b Shd	HPSVMCB2	22	313200 J008	030	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313200 J008
HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613b;614-615)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
105	PACS S01-16 B 3 . REF16		PX1.-	-	P611	TP8SS-38	1	611b	1		CVVUCR	33	211121 P010	105	1P	1P
115	PACS S01-16 B 3 . S16		PX1.-	-	P611	TP8SS-38	1	611b	1		CVVUCR	33	211121 P010	115	1P	1P
106	PACS S01-16 B 3 . REF15		PX1.-	-	P611	TP8SS-38	1	611b	2		CVVUCR	33	211121 P010	106	1P	1P
107	PACS S01-16 B 3 . S15		PX1.-	-	P611	TP8SS-38	1	611b	2		CVVUCR	33	211121 P010	107	1P	1P
122	PACS S01-16 B 3 . REF14		PX1.-	-	P611	TP8SS-38	1	611b	3		CVVUCR	33	211121 P010	122	1P	1P
123	PACS S01-16 B 3 . S14		PX1.-	-	P611	TP8SS-38	1	611b	3		CVVUCR	33	211121 P010	123	1P	1P
116	PACS S01-16 B 3 . REF13		PX1.-	-	P611	TP8SS-38	1	611b	4		CVVUCR	33	211121 P010	116	1P	1P
117	PACS S01-16 B 3 . S13		PX1.-	-	P611	TP8SS-38	1	611b	4		CVVUCR	33	211121 P010	117	1P	1P
108	PACS S01-16 B 3 . REF12		PX1.-	-	P611	TP8SS-38	1	611b	5		CVVUCR	33	211121 P010	108	1P	1P
109	PACS S01-16 B 3 . S12		PX1.-	-	P611	TP8SS-38	1	611b	5		CVVUCR	33	211121 P010	109	1P	1P
124	PACS S01-16 B 3 . REF11		PX1.-	-	P611	TP8SS-38	1	611b	6		CVVUCR	33	211121 P010	124	1P	1P
125	PACS S01-16 B 3 . S11		PX1.-	-	P611	TP8SS-38	1	611b	6		CVVUCR	33	211121 P010	125	1P	1P
118	PACS S01-16 B 3 . REF10		PX1.-	-	P611	TP8SS-38	1	611b	7		CVVUCR	33	211121 P010	118	1P	1P
110	PACS S01-16 B 3 . S10		PX1.-	-	P611	TP8SS-38	1	611b	7		CVVUCR	33	211121 P010	110	1P	1P
119	PACS S01-16 B 3 . REF09		PX1.-	-	P611	TP8SS-38	1	611b	8		CVVUCR	33	211121 P010	119	1P	1P
126	PACS S01-16 B 3 . S09		PX1.-	-	P611	TP8SS-38	1	611b	8		CVVUCR	33	211121 P010	126	1P	1P
094	PACS S01-16 B 3 . S611b		PX1.-	-	P611	TP8SS-38	1	611b		CS-611b	CVVUCR	33	211121 P010	094	1P	1P
-																
127	PACS S01-16 B 3 . REF08		PX1.-	-	P611	TP8SS-38	2	611c	9		CVVUCR	33	211121 P010	127	1P	1P
120	PACS S01-16 B 3 . S08		PX1.-	-	P611	TP8SS-38	2	611c	9		CVVUCR	33	211121 P010	120	1P	1P
128	PACS S01-16 B 3 . REF07		PX1.-	-	P611	TP8SS-38	2	611c	A		CVVUCR	33	211121 P010	128	1P	1P
121	PACS S01-16 B 3 . S07		PX1.-	-	P611	TP8SS-38	2	611c	A		CVVUCR	33	211121 P010	121	1P	1P
112	PACS S01-16 B 3 . REF06		PX1.-	-	P611	TP8SS-38	2	611c	B		CVVUCR	33	211121 P010	112	1P	1P
102	PACS S01-16 B 3 . S06		PX1.-	-	P611	TP8SS-38	2	611c	B		CVVUCR	33	211121 P010	102	1P	1P
113	PACS S01-16 B 3 . REF05		PX1.-	-	P611	TP8SS-38	2	611c	C		CVVUCR	33	211121 P010	113	1P	1P
103	PACS S01-16 B 3 . S05		PX1.-	-	P611	TP8SS-38	2	611c	C		CVVUCR	33	211121 P010	103	1P	1P
091	PACS S01-16 B 3 . REF04		PX1.-	-	P611	TP8SS-38	2	611c	D		CVVUCR	33	211121 P010	091	1P	1P
080	PACS S01-16 B 3 . S04		PX1.-	-	P611	TP8SS-38	2	611c	D		CVVUCR	33	211121 P010	080	1P	1P
114	PACS S01-16 B 3 . REF03		PX1.-	-	P611	TP8SS-38	2	611c	E		CVVUCR	33	211121 P010	114	1P	1P
104	PACS S01-16 B 3 . S03		PX1.-	-	P611	TP8SS-38	2	611c	E		CVVUCR	33	211121 P010	104	1P	1P
092	PACS S01-16 B 3 . REF02		PX1.-	-	P611	TP8SS-38	2	611c	F		CVVUCR	33	211121 P010	092	1P	1P
093	PACS S01-16 B 3 . S02		PX1.-	-	P611	TP8SS-38	2	611c	F		CVVUCR	33	211121 P010	093	1P	1P
069	PACS S01-16 B 3 . REF01		PX1.-	-	P611	TP8SS-38	2	611c	G		CVVUCR	33	211121 P010	069	1P	1P
081	PACS S01-16 B 3 . S01		PX1.-	-	P611	TP8SS-38	2	611c	G		CVVUCR	33	211121 P010	081	1P	1P
111	PACS S01-16 B 3 . S611c		PX1.-	-	P611	TP8SS-38	2	611c		CS-611c	CVVUCR	33	211121 P010	111	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J008
 HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613b;614-615)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1	2
-																
026	PACS S17-32 B 3 . REF32		PX1.-	-	P612	TP8SS-38	3	612b	H		CVVUCR	33	211121 P010	026	1P	1P
015	PACS S17-32 B 3 . S32		PX1.-	-	P612	TP8SS-38	3	612b	H		CVVUCR	33	211121 P010	015	1P	1P
016	PACS S17-32 B 3 . REF31		PX1.-	-	P612	TP8SS-38	3	612b	J		CVVUCR	33	211121 P010	016	1P	1P
027	PACS S17-32 B 3 . S31		PX1.-	-	P612	TP8SS-38	3	612b	J		CVVUCR	33	211121 P010	027	1P	1P
008	PACS S17-32 B 3 . REF30		PX1.-	-	P612	TP8SS-38	3	612b	K		CVVUCR	33	211121 P010	008	1P	1P
001	PACS S17-32 B 3 . S30		PX1.-	-	P612	TP8SS-38	3	612b	K		CVVUCR	33	211121 P010	001	1P	1P
028	PACS S17-32 B 3 . REF29		PX1.-	-	P612	TP8SS-38	3	612b	L		CVVUCR	33	211121 P010	028	1P	1P
017	PACS S17-32 B 3 . S29		PX1.-	-	P612	TP8SS-38	3	612b	L		CVVUCR	33	211121 P010	017	1P	1P
009	PACS S17-32 B 3 . REF28		PX1.-	-	P612	TP8SS-38	3	612b	M		CVVUCR	33	211121 P010	009	1P	1P
002	PACS S17-32 B 3 . S28		PX1.-	-	P612	TP8SS-38	3	612b	M		CVVUCR	33	211121 P010	002	1P	1P
018	PACS S17-32 B 3 . REF27		PX1.-	-	P612	TP8SS-38	3	612b	N		CVVUCR	33	211121 P010	018	1P	1P
010	PACS S17-32 B 3 . S27		PX1.-	-	P612	TP8SS-38	3	612b	N		CVVUCR	33	211121 P010	010	1P	1P
003	PACS S17-32 B 3 . REF26		PX1.-	-	P612	TP8SS-38	3	612b	P		CVVUCR	33	211121 P010	003	1P	1P
004	PACS S17-32 B 3 . S26		PX1.-	-	P612	TP8SS-38	3	612b	P		CVVUCR	33	211121 P010	004	1P	1P
011	PACS S17-32 B 3 . REF25		PX1.-	-	P612	TP8SS-38	3	612b	Q		CVVUCR	33	211121 P010	011	1P	1P
019	PACS S17-32 B 3 . S25		PX1.-	-	P612	TP8SS-38	3	612b	Q		CVVUCR	33	211121 P010	019	1P	1P
025	PACS S17-32 B 3 . S612b		PX1.-	-	P612	TP8SS-38	3	612b		CS-612b	CVVUCR	33	211121 P010	025	1P	1P
-																
006	PACS S17-32 B 3 . REF24		PX1.-	-	P612	TP8SS-38	4	612c	R		CVVUCR	33	211121 P010	006	1P	1P
005	PACS S17-32 B 3 . S24		PX1.-	-	P612	TP8SS-38	4	612c	R		CVVUCR	33	211121 P010	005	1P	1P
013	PACS S17-32 B 3 . REF23		PX1.-	-	P612	TP8SS-38	4	612c	S		CVVUCR	33	211121 P010	013	1P	1P
007	PACS S17-32 B 3 . S23		PX1.-	-	P612	TP8SS-38	4	612c	S		CVVUCR	33	211121 P010	007	1P	1P
014	PACS S17-32 B 3 . REF22		PX1.-	-	P612	TP8SS-38	4	612c	T		CVVUCR	33	211121 P010	014	1P	1P
023	PACS S17-32 B 3 . S22		PX1.-	-	P612	TP8SS-38	4	612c	T		CVVUCR	33	211121 P010	023	1P	1P
022	PACS S17-32 B 3 . REF21		PX1.-	-	P612	TP8SS-38	4	612c	U		CVVUCR	33	211121 P010	022	1P	1P
033	PACS S17-32 B 3 . S21		PX1.-	-	P612	TP8SS-38	4	612c	U		CVVUCR	33	211121 P010	033	1P	1P
034	PACS S17-32 B 3 . REF20		PX1.-	-	P612	TP8SS-38	4	612c	V		CVVUCR	33	211121 P010	034	1P	1P
024	PACS S17-32 B 3 . S20		PX1.-	-	P612	TP8SS-38	4	612c	V		CVVUCR	33	211121 P010	024	1P	1P
045	PACS S17-32 B 3 . REF19		PX1.-	-	P612	TP8SS-38	4	612c	W		CVVUCR	33	211121 P010	045	1P	1P
046	PACS S17-32 B 3 . S19		PX1.-	-	P612	TP8SS-38	4	612c	W		CVVUCR	33	211121 P010	046	1P	1P
035	PACS S17-32 B 3 . REF18		PX1.-	-	P612	TP8SS-38	4	612c	X		CVVUCR	33	211121 P010	035	1P	1P
047	PACS S17-32 B 3 . S18		PX1.-	-	P612	TP8SS-38	4	612c	X		CVVUCR	33	211121 P010	047	1P	1P
058	PACS S17-32 B 3 . REF17		PX1.-	-	P612	TP8SS-38	4	612c	Y		CVVUCR	33	211121 P010	058	1P	1P
057	PACS S17-32 B 3 . S17		PX1.-	-	P612	TP8SS-38	4	612c	Y		CVVUCR	33	211121 P010	057	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J008
HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613b;614-615)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
012	PACS S17-32 B 3 . S612c		PX1.-	-	P612	TP8SS-38	4	612c		CS-612c	CVVUCR	33	211121 P010	012	1P	1P
-																
096	PACS FL Clock B 3 . VGDEC		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	096	2C	2C
084	PACS FL Clock B 3 . VSEL		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	084	2C	2C
097	PACS FL Clock B 3 . VGSEL		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	097	2C	2C
085	PACS FL Clock B 3 . AD6		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	085	1P	2C
098	PACS FL Clock B 3 . AD5		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	098	2C	2C
086	PACS FL Clock B 3 . AD4		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	086	2C	2C
099	PACS FL Clock B 3 . AD3		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	099	2C	2C
087	PACS FL Clock B 3 . AD2		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	087	2C	2C
100	PACS FL Clock B 3 . AD1		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	100	2C	2C
088	PACS FL Clock B 3 . AD0		PX6.-	-	P615	111SS-38	5				CVVUCR	33	211121 P010	088	2C	2C
072	PACS FL Clock B 3 . SH615		PX6.-	-	P615	111SS-38	5			CS-P615	CVVUCR	33	211121 P010	072	1P	1P
-										1 NU wire con to CS-P615						1P
-																
040	PACS Fil LL CLK B 3 . VSMS		PX4.-	-	P614	031SS-38	6				CVVUCR	33	211121 P010	040	2C	2C
051	PACS Fil LL CLK B 3 . CKRI		PX4.-	-	P614	031SS-38	6				CVVUCR	33	211121 P010	051	1P	1P
052	PACS Fil LL CLK B 3 . VDECX		PX4.-	-	P614	031SS-38	6				CVVUCR	33	211121 P010	052	2C	2C
050	PACS Fil LL CLK B 3 . SH614		PX4.-	-	P614	031SS-38	6			CS-P614	CVVUCR	33	211121 P010	050	1P	1P
-																
068	PACS Fil Bias B 3 . VHB		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	068	1P	1P
079	PACS Fil Bias B 3 . VTRIL		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	079	1P	1P
056	PACS Fil Bias B 3 . GNDCL		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	056	1P	1P
067	PACS Fil Bias B 3 . VDPRO		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	067	1P	1P
090	PACS Fil Bias B 3 . VH		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	090	1P	1P
078	PACS Fil Bias B 3 . VL		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	078	1P	1P
101	PACS Fil Bias B 3 . VRL		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	101	1P	1P
089	PACS Fil Bias B 3 . VCH		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	089	1P	1P
055	PACS Fil Bias B 3 . VSS		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	055	1P	1P
044	PACS Fil Bias B 3 . VDL		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	044	1P	1P
043	PACS Fil Bias B 3 . VINJ		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	043	1P	1P
032	PACS Fil Bias B 3 . VGL		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	032	1P	1P
066	PACS Fil Bias B 3 . VDD		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	066	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 228 (of 464)

Connector: 313200 J008
 HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613b;614-615)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
077	PACS Fil Bias B 3 . GNDBU		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	077	1P	1P
065	PACS Fil Bias B 3 . VPRBU		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	065	1P	1P
054	PACS Fil Bias B 3 . VGLBU		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	054	1P	1P
042	PACS Fil Bias B 3 . VGG		PX2.-	-	P613	X09SB---	7	613		191SS38	CVVUCR	33	211121 P010	042	1P	1P
064	PACS Fil Bias B 3 . SH613		PX2.-	-	P613	X09SB---	7	613		CS-613	CVVUCR	33	211121 P010	064	1P	1P
-										2 NU wires con to CS-613						1P
-																
041	PACS Fil Bias B 3 . VSSBU		PX2.-	-	P613	X09SB---	8	613b		021BS-30	CVVUCR	33	211121 P010	041	1P	1P
053	PACS Fil Bias B 3 . VDLBU		PX2.-	-	P613	X09SB---	8	613b		021BS30	CVVUCR	33	211121 P010	053	1P	1P
030	PACS Fil Bias B 3 . S613b		PX2.-	-	P613	X09SB---	8	613b		CS-613b	CVVUCR	33	211121 P010	030	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 211121 P011
CVVUCR

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

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.											1P	1P
105	PACS S01-16 B 4 . REF16		PX1.-	-	P616	TP8SS-38	1	616b	1		HPSVMCB2	22	313200 J002	105	1P	1P
115	PACS S01-16 B 4 . S16		PX1.-	-	P616	TP8SS-38	1	616b	1		HPSVMCB2	22	313200 J002	115	1P	1P
106	PACS S01-16 B 4 . REF15		PX1.-	-	P616	TP8SS-38	1	616b	2		HPSVMCB2	22	313200 J002	106	1P	1P
107	PACS S01-16 B 4 . S15		PX1.-	-	P616	TP8SS-38	1	616b	2		HPSVMCB2	22	313200 J002	107	1P	1P
122	PACS S01-16 B 4 . REF14		PX1.-	-	P616	TP8SS-38	1	616b	3		HPSVMCB2	22	313200 J002	122	1P	1P
123	PACS S01-16 B 4 . S14		PX1.-	-	P616	TP8SS-38	1	616b	3		HPSVMCB2	22	313200 J002	123	1P	1P
116	PACS S01-16 B 4 . REF13		PX1.-	-	P616	TP8SS-38	1	616b	4		HPSVMCB2	22	313200 J002	116	1P	1P
117	PACS S01-16 B 4 . S13		PX1.-	-	P616	TP8SS-38	1	616b	4		HPSVMCB2	22	313200 J002	117	1P	1P
108	PACS S01-16 B 4 . REF12		PX1.-	-	P616	TP8SS-38	1	616b	5		HPSVMCB2	22	313200 J002	108	1P	1P
109	PACS S01-16 B 4 . S12		PX1.-	-	P616	TP8SS-38	1	616b	5		HPSVMCB2	22	313200 J002	109	1P	1P
124	PACS S01-16 B 4 . REF11		PX1.-	-	P616	TP8SS-38	1	616b	6		HPSVMCB2	22	313200 J002	124	1P	1P
125	PACS S01-16 B 4 . S11		PX1.-	-	P616	TP8SS-38	1	616b	6		HPSVMCB2	22	313200 J002	125	1P	1P
118	PACS S01-16 B 4 . REF10		PX1.-	-	P616	TP8SS-38	1	616b	7		HPSVMCB2	22	313200 J002	118	1P	1P
110	PACS S01-16 B 4 . S10		PX1.-	-	P616	TP8SS-38	1	616b	7		HPSVMCB2	22	313200 J002	110	1P	1P
119	PACS S01-16 B 4 . REF09		PX1.-	-	P616	TP8SS-38	1	616b	8		HPSVMCB2	22	313200 J002	119	1P	1P
126	PACS S01-16 B 4 . S09		PX1.-	-	P616	TP8SS-38	1	616b	8		HPSVMCB2	22	313200 J002	126	1P	1P
094	PACS S01-16 B 4 . S616b		PX1.-	-	P616	TP8SS-38	1	616b		CS-616b	HPSVMCB2	22	313200 J002	094	1P	1P
-																
127	PACS S01-16 B 4 . REF08		PX1.-	-	P616	TP8SS-38	2	616c	9		HPSVMCB2	22	313200 J002	127	1P	1P
120	PACS S01-16 B 4 . S08		PX1.-	-	P616	TP8SS-38	2	616c	9		HPSVMCB2	22	313200 J002	120	1P	1P
128	PACS S01-16 B 4 . REF07		PX1.-	-	P616	TP8SS-38	2	616c	A		HPSVMCB2	22	313200 J002	128	1P	1P
121	PACS S01-16 B 4 . S07		PX1.-	-	P616	TP8SS-38	2	616c	A		HPSVMCB2	22	313200 J002	121	1P	1P
112	PACS S01-16 B 4 . REF06		PX1.-	-	P616	TP8SS-38	2	616c	B		HPSVMCB2	22	313200 J002	112	1P	1P
102	PACS S01-16 B 4 . S06		PX1.-	-	P616	TP8SS-38	2	616c	B		HPSVMCB2	22	313200 J002	102	1P	1P
113	PACS S01-16 B 4 . REF05		PX1.-	-	P616	TP8SS-38	2	616c	C		HPSVMCB2	22	313200 J002	113	1P	1P
103	PACS S01-16 B 4 . S05		PX1.-	-	P616	TP8SS-38	2	616c	C		HPSVMCB2	22	313200 J002	103	1P	1P
091	PACS S01-16 B 4 . REF04		PX1.-	-	P616	TP8SS-38	2	616c	D		HPSVMCB2	22	313200 J002	091	1P	1P
080	PACS S01-16 B 4 . S04		PX1.-	-	P616	TP8SS-38	2	616c	D		HPSVMCB2	22	313200 J002	080	1P	1P
114	PACS S01-16 B 4 . REF03		PX1.-	-	P616	TP8SS-38	2	616c	E		HPSVMCB2	22	313200 J002	114	1P	1P
104	PACS S01-16 B 4 . S03		PX1.-	-	P616	TP8SS-38	2	616c	E		HPSVMCB2	22	313200 J002	104	1P	1P
092	PACS S01-16 B 4 . REF02		PX1.-	-	P616	TP8SS-38	2	616c	F		HPSVMCB2	22	313200 J002	092	1P	1P
093	PACS S01-16 B 4 . S02		PX1.-	-	P616	TP8SS-38	2	616c	F		HPSVMCB2	22	313200 J002	093	1P	1P
069	PACS S01-16 B 4 . REF01		PX1.-	-	P616	TP8SS-38	2	616c	G		HPSVMCB2	22	313200 J002	069	1P	1P
081	PACS S01-16 B 4 . S01		PX1.-	-	P616	TP8SS-38	2	616c	G		HPSVMCB2	22	313200 J002	081	1P	1P
111	PACS S01-16 B 4 . S616c		PX1.-	-	P616	TP8SS-38	2	616c		CS-616c	HPSVMCB2	22	313200 J002	111	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P011
CVVUCR

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

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.											1	2
-																
026	PACS S17-32 B 4 . REF32		PX1.-	-	P617	TP8SS-38	3	617b	H		HPSVMCB2	22	313200 J002	026	1P	1P
015	PACS S17-32 B 4 . S32		PX1.-	-	P617	TP8SS-38	3	617b	H		HPSVMCB2	22	313200 J002	015	1P	1P
016	PACS S17-32 B 4 . REF31		PX1.-	-	P617	TP8SS-38	3	617b	J		HPSVMCB2	22	313200 J002	016	1P	1P
027	PACS S17-32 B 4 . S31		PX1.-	-	P617	TP8SS-38	3	617b	J		HPSVMCB2	22	313200 J002	027	1P	1P
008	PACS S17-32 B 4 . REF30		PX1.-	-	P617	TP8SS-38	3	617b	K		HPSVMCB2	22	313200 J002	008	1P	1P
001	PACS S17-32 B 4 . S30		PX1.-	-	P617	TP8SS-38	3	617b	K		HPSVMCB2	22	313200 J002	001	1P	1P
028	PACS S17-32 B 4 . REF29		PX1.-	-	P617	TP8SS-38	3	617b	L		HPSVMCB2	22	313200 J002	028	1P	1P
017	PACS S17-32 B 4 . S29		PX1.-	-	P617	TP8SS-38	3	617b	L		HPSVMCB2	22	313200 J002	017	1P	1P
009	PACS S17-32 B 4 . REF28		PX1.-	-	P617	TP8SS-38	3	617b	M		HPSVMCB2	22	313200 J002	009	1P	1P
002	PACS S17-32 B 4 . S28		PX1.-	-	P617	TP8SS-38	3	617b	M		HPSVMCB2	22	313200 J002	002	1P	1P
018	PACS S17-32 B 4 . REF27		PX1.-	-	P617	TP8SS-38	3	617b	N		HPSVMCB2	22	313200 J002	018	1P	1P
010	PACS S17-32 B 4 . S27		PX1.-	-	P617	TP8SS-38	3	617b	N		HPSVMCB2	22	313200 J002	010	1P	1P
003	PACS S17-32 B 4 . REF26		PX1.-	-	P617	TP8SS-38	3	617b	P		HPSVMCB2	22	313200 J002	003	1P	1P
004	PACS S17-32 B 4 . S26		PX1.-	-	P617	TP8SS-38	3	617b	P		HPSVMCB2	22	313200 J002	004	1P	1P
011	PACS S17-32 B 4 . REF25		PX1.-	-	P617	TP8SS-38	3	617b	Q		HPSVMCB2	22	313200 J002	011	1P	1P
019	PACS S17-32 B 4 . S25		PX1.-	-	P617	TP8SS-38	3	617b	Q		HPSVMCB2	22	313200 J002	019	1P	1P
025	PACS S17-32 B 4 . S617b		PX1.-	-	P617	TP8SS-38	3	617b		CS-617b	HPSVMCB2	22	313200 J002	025	1P	1P
-																
006	PACS S17-32 B 4 . REF24		PX1.-	-	P617	TP8SS-38	4	617c	R		HPSVMCB2	22	313200 J002	006	1P	1P
005	PACS S17-32 B 4 . S24		PX1.-	-	P617	TP8SS-38	4	617c	R		HPSVMCB2	22	313200 J002	005	1P	1P
013	PACS S17-32 B 4 . REF23		PX1.-	-	P617	TP8SS-38	4	617c	S		HPSVMCB2	22	313200 J002	013	1P	1P
007	PACS S17-32 B 4 . S23		PX1.-	-	P617	TP8SS-38	4	617c	S		HPSVMCB2	22	313200 J002	007	1P	1P
014	PACS S17-32 B 4 . REF22		PX1.-	-	P617	TP8SS-38	4	617c	T		HPSVMCB2	22	313200 J002	014	1P	1P
023	PACS S17-32 B 4 . S22		PX1.-	-	P617	TP8SS-38	4	617c	T		HPSVMCB2	22	313200 J002	023	1P	1P
022	PACS S17-32 B 4 . REF21		PX1.-	-	P617	TP8SS-38	4	617c	U		HPSVMCB2	22	313200 J002	022	1P	1P
033	PACS S17-32 B 4 . S21		PX1.-	-	P617	TP8SS-38	4	617c	U		HPSVMCB2	22	313200 J002	033	1P	1P
034	PACS S17-32 B 4 . REF20		PX1.-	-	P617	TP8SS-38	4	617c	V		HPSVMCB2	22	313200 J002	034	1P	1P
024	PACS S17-32 B 4 . S20		PX1.-	-	P617	TP8SS-38	4	617c	V		HPSVMCB2	22	313200 J002	024	1P	1P
045	PACS S17-32 B 4 . REF19		PX1.-	-	P617	TP8SS-38	4	617c	W		HPSVMCB2	22	313200 J002	045	1P	1P
046	PACS S17-32 B 4 . S19		PX1.-	-	P617	TP8SS-38	4	617c	W		HPSVMCB2	22	313200 J002	046	1P	1P
035	PACS S17-32 B 4 . REF18		PX1.-	-	P617	TP8SS-38	4	617c	X		HPSVMCB2	22	313200 J002	035	1P	1P
047	PACS S17-32 B 4 . S18		PX1.-	-	P617	TP8SS-38	4	617c	X		HPSVMCB2	22	313200 J002	047	1P	1P
058	PACS S17-32 B 4 . REF17		PX1.-	-	P617	TP8SS-38	4	617c	Y		HPSVMCB2	22	313200 J002	058	1P	1P
057	PACS S17-32 B 4 . S17		PX1.-	-	P617	TP8SS-38	4	617c	Y		HPSVMCB2	22	313200 J002	057	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P011
CVVUCR

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

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.											1P	2C
012	PACS S17-32 B 4 . S617c		PX1.-	-	P617	TP8SS-38	4	617c	Cable 617c Shd	HPSVMCB2	22	313200 J002	012	1P	1P	
-																
096	PACS FL Clock B 4 . VGDEC		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	096	2C	2C	
084	PACS FL Clock B 4 . VSEL		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	084	2C	2C	
097	PACS FL Clock B 4 . VGSEL		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	097	2C	2C	
085	PACS FL Clock B 4 . AD6		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	085	2C	1P	
098	PACS FL Clock B 4 . AD5		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	098	2C	2C	
086	PACS FL Clock B 4 . AD4		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	086	2C	2C	
099	PACS FL Clock B 4 . AD3		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	099	2C	2C	
087	PACS FL Clock B 4 . AD2		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	087	2C	2C	
100	PACS FL Clock B 4 . AD1		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	100	2C	2C	
088	PACS FL Clock B 4 . AD0		PX6.-	-	P620	111SS-38	5			HPSVMCB2	22	313200 J002	088	2C	2C	
072	PACS FL Clock B 4 . SH620		PX6.-	-	P620	111SS-38	5		CSP620	HPSVMCB2	22	313200 J002	072	1P	1P	
-									1NU wure con to CS-P620						1P	
-																
040	PACS Fil LL CLK B 4 . VSMS		PX4.-	-	P619	031SS-38	6			HPSVMCB2	22	313200 J002	040	2C	2C	
051	PACS Fil LL CLK B 4 . CKRI		PX4.-	-	P619	031SS-38	6			HPSVMCB2	22	313200 J002	051	2C	1P	
052	PACS Fil LL CLK B 4 . VDECX		PX4.-	-	P619	031SS-38	6			HPSVMCB2	22	313200 J002	052	2C	2C	
050	PACS Fil LL CLK B 4 . SH619		PX4.-	-	P619	031SS-38	6		CS-P 619	HPSVMCB2	22	313200 J002	050	1P	1P	
-																
068	PACS Fil Bias B 4 . VHB		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	068	1P	1P	
079	PACS Fil Bias B 4 . VTRIL		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	079	1P	1P	
056	PACS Fil Bias B 4 . GNDCL		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	056	1P	1P	
067	PACS Fil Bias B 4 . VDPRO		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	067	1P	1P	
090	PACS Fil Bias B 4 . VH		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	090	1P	1P	
078	PACS Fil Bias B 4 . VL		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	078	1P	1P	
101	PACS Fil Bias B 4 . VRL		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	101	1P	1P	
089	PACS Fil Bias B 4 . VCH		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	089	1P	1P	
055	PACS Fil Bias B 4 . VSS		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	055	1P	1P	
044	PACS Fil Bias B 4 . VDL		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	044	1P	1P	
043	PACS Fil Bias B 4 . VINJ		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	043	1P	1P	
032	PACS Fil Bias B 4 . VGL		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	032	1P	1P	
066	PACS Fil Bias B 4 . VDD		PX2.-	-	P618	X09SB---	7	618	191SS38	HPSVMCB2	22	313200 J002	066	1P	1P	

Pin Allocation List

(Harness)

Connector: 211121 P011
CVVUCR

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

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.											1P	1P
077	PACS Fil Bias B 4 . GNDBU		PX2.-	-	P618	X09SB---	7	618		191SS38	HPSVMCB2	22	313200 J002	077	1P	1P
065	PACS Fil Bias B 4 . VPRBU		PX2.-	-	P618	X09SB---	7	618		191SS38	HPSVMCB2	22	313200 J002	065	1P	1P
054	PACS Fil Bias B 4 . VGLBU		PX2.-	-	P618	X09SB---	7	618		191SS38	HPSVMCB2	22	313200 J002	054	1P	1P
042	PACS Fil Bias B 4 . VGG		PX2.-	-	P618	X09SB---	7	618		191SS38	HPSVMCB2	22	313200 J002	042	1P	1P
064	PACS Fil Bias B 4 . SH618		PX2.-	-	P618	X09SB---	7	618		CS-618	HPSVMCB2	22	313200 J002	064	1P	1P
-										2 NU wires con to 618						1P
-																
041	PACS Fil Bias B 4 . VSSBU		PX2.-	-	P618	X09SB---	8	618b		021BS30	HPSVMCB2	22	313200 J002	041	1P	1P
053	PACS Fil Bias B 4 . VDLBU		PX2.-	-	P618	X09SB---	8	618b		021BS30	HPSVMCB2	22	313200 J002	053	1P	1P
030	PACS Fil Bias B 4 . S618b		PX2.-	-	P618	X09SB---	8	618b		CS-618b	HPSVMCB2	22	313200 J002	030	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313200 J002
HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
105	PACS S01-16 B 4 . REF16		PX1.-	-	P616	TP8SS-38	1	616b	1		CVVUCR	33	211121 P011	105	1P	1P
115	PACS S01-16 B 4 . S16		PX1.-	-	P616	TP8SS-38	1	616b	1		CVVUCR	33	211121 P011	115	1P	1P
106	PACS S01-16 B 4 . REF15		PX1.-	-	P616	TP8SS-38	1	616b	2		CVVUCR	33	211121 P011	106	1P	1P
107	PACS S01-16 B 4 . S15		PX1.-	-	P616	TP8SS-38	1	616b	2		CVVUCR	33	211121 P011	107	1P	1P
122	PACS S01-16 B 4 . REF14		PX1.-	-	P616	TP8SS-38	1	616b	3		CVVUCR	33	211121 P011	122	1P	1P
123	PACS S01-16 B 4 . S14		PX1.-	-	P616	TP8SS-38	1	616b	3		CVVUCR	33	211121 P011	123	1P	1P
116	PACS S01-16 B 4 . REF13		PX1.-	-	P616	TP8SS-38	1	616b	4		CVVUCR	33	211121 P011	116	1P	1P
117	PACS S01-16 B 4 . S13		PX1.-	-	P616	TP8SS-38	1	616b	4		CVVUCR	33	211121 P011	117	1P	1P
108	PACS S01-16 B 4 . REF12		PX1.-	-	P616	TP8SS-38	1	616b	5		CVVUCR	33	211121 P011	108	1P	1P
109	PACS S01-16 B 4 . S12		PX1.-	-	P616	TP8SS-38	1	616b	5		CVVUCR	33	211121 P011	109	1P	1P
124	PACS S01-16 B 4 . REF11		PX1.-	-	P616	TP8SS-38	1	616b	6		CVVUCR	33	211121 P011	124	1P	1P
125	PACS S01-16 B 4 . S11		PX1.-	-	P616	TP8SS-38	1	616b	6		CVVUCR	33	211121 P011	125	1P	1P
118	PACS S01-16 B 4 . REF10		PX1.-	-	P616	TP8SS-38	1	616b	7		CVVUCR	33	211121 P011	118	1P	1P
110	PACS S01-16 B 4 . S10		PX1.-	-	P616	TP8SS-38	1	616b	7		CVVUCR	33	211121 P011	110	1P	1P
119	PACS S01-16 B 4 . REF09		PX1.-	-	P616	TP8SS-38	1	616b	8		CVVUCR	33	211121 P011	119	1P	1P
126	PACS S01-16 B 4 . S09		PX1.-	-	P616	TP8SS-38	1	616b	8		CVVUCR	33	211121 P011	126	1P	1P
094	PACS S01-16 B 4 . S616b		PX1.-	-	P616	TP8SS-38	1	616b		CS-616b	CVVUCR	33	211121 P011	094	1P	1P
-																
127	PACS S01-16 B 4 . REF08		PX1.-	-	P616	TP8SS-38	2	616c	9		CVVUCR	33	211121 P011	127	1P	1P
120	PACS S01-16 B 4 . S08		PX1.-	-	P616	TP8SS-38	2	616c	9		CVVUCR	33	211121 P011	120	1P	1P
128	PACS S01-16 B 4 . REF07		PX1.-	-	P616	TP8SS-38	2	616c	A		CVVUCR	33	211121 P011	128	1P	1P
121	PACS S01-16 B 4 . S07		PX1.-	-	P616	TP8SS-38	2	616c	A		CVVUCR	33	211121 P011	121	1P	1P
112	PACS S01-16 B 4 . REF06		PX1.-	-	P616	TP8SS-38	2	616c	B		CVVUCR	33	211121 P011	112	1P	1P
102	PACS S01-16 B 4 . S06		PX1.-	-	P616	TP8SS-38	2	616c	B		CVVUCR	33	211121 P011	102	1P	1P
113	PACS S01-16 B 4 . REF05		PX1.-	-	P616	TP8SS-38	2	616c	C		CVVUCR	33	211121 P011	113	1P	1P
103	PACS S01-16 B 4 . S05		PX1.-	-	P616	TP8SS-38	2	616c	C		CVVUCR	33	211121 P011	103	1P	1P
091	PACS S01-16 B 4 . REF04		PX1.-	-	P616	TP8SS-38	2	616c	D		CVVUCR	33	211121 P011	091	1P	1P
080	PACS S01-16 B 4 . S04		PX1.-	-	P616	TP8SS-38	2	616c	D		CVVUCR	33	211121 P011	080	1P	1P
114	PACS S01-16 B 4 . REF03		PX1.-	-	P616	TP8SS-38	2	616c	E		CVVUCR	33	211121 P011	114	1P	1P
104	PACS S01-16 B 4 . S03		PX1.-	-	P616	TP8SS-38	2	616c	E		CVVUCR	33	211121 P011	104	1P	1P
092	PACS S01-16 B 4 . REF02		PX1.-	-	P616	TP8SS-38	2	616c	F		CVVUCR	33	211121 P011	092	1P	1P
093	PACS S01-16 B 4 . S02		PX1.-	-	P616	TP8SS-38	2	616c	F		CVVUCR	33	211121 P011	093	1P	1P
069	PACS S01-16 B 4 . REF01		PX1.-	-	P616	TP8SS-38	2	616c	G		CVVUCR	33	211121 P011	069	1P	1P
081	PACS S01-16 B 4 . S01		PX1.-	-	P616	TP8SS-38	2	616c	G		CVVUCR	33	211121 P011	081	1P	1P
111	PACS S01-16 B 4 . S616c		PX1.-	-	P616	TP8SS-38	2	616c		CS-616c	CVVUCR	33	211121 P011	111	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J002
HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
-															2C
026	PACS S17-32 B 4 . REF32		PX1.-	-	P617	TP8SS-38	3	617b	H		CVVUCR	33	211121 P011	026	1P 1P
015	PACS S17-32 B 4 . S32		PX1.-	-	P617	TP8SS-38	3	617b	H		CVVUCR	33	211121 P011	015	1P 1P
016	PACS S17-32 B 4 . REF31		PX1.-	-	P617	TP8SS-38	3	617b	J		CVVUCR	33	211121 P011	016	1P 1P
027	PACS S17-32 B 4 . S31		PX1.-	-	P617	TP8SS-38	3	617b	J		CVVUCR	33	211121 P011	027	1P 1P
008	PACS S17-32 B 4 . REF30		PX1.-	-	P617	TP8SS-38	3	617b	K		CVVUCR	33	211121 P011	008	1P 1P
001	PACS S17-32 B 4 . S30		PX1.-	-	P617	TP8SS-38	3	617b	K		CVVUCR	33	211121 P011	001	1P 1P
028	PACS S17-32 B 4 . REF29		PX1.-	-	P617	TP8SS-38	3	617b	L		CVVUCR	33	211121 P011	028	1P 1P
017	PACS S17-32 B 4 . S29		PX1.-	-	P617	TP8SS-38	3	617b	L		CVVUCR	33	211121 P011	017	1P 1P
009	PACS S17-32 B 4 . REF28		PX1.-	-	P617	TP8SS-38	3	617b	M		CVVUCR	33	211121 P011	009	1P 1P
002	PACS S17-32 B 4 . S28		PX1.-	-	P617	TP8SS-38	3	617b	M		CVVUCR	33	211121 P011	002	1P 1P
018	PACS S17-32 B 4 . REF27		PX1.-	-	P617	TP8SS-38	3	617b	N		CVVUCR	33	211121 P011	018	1P 1P
010	PACS S17-32 B 4 . S27		PX1.-	-	P617	TP8SS-38	3	617b	N		CVVUCR	33	211121 P011	010	1P 1P
003	PACS S17-32 B 4 . REF26		PX1.-	-	P617	TP8SS-38	3	617b	P		CVVUCR	33	211121 P011	003	1P 1P
004	PACS S17-32 B 4 . S26		PX1.-	-	P617	TP8SS-38	3	617b	P		CVVUCR	33	211121 P011	004	1P 1P
011	PACS S17-32 B 4 . REF25		PX1.-	-	P617	TP8SS-38	3	617b	Q		CVVUCR	33	211121 P011	011	1P 1P
019	PACS S17-32 B 4 . S25		PX1.-	-	P617	TP8SS-38	3	617b	Q		CVVUCR	33	211121 P011	019	1P 1P
025	PACS S17-32 B 4 . S617b		PX1.-	-	P617	TP8SS-38	3	617b		CS-617b	CVVUCR	33	211121 P011	025	1P 1P
-															
006	PACS S17-32 B 4 . REF24		PX1.-	-	P617	TP8SS-38	4	617c	R		CVVUCR	33	211121 P011	006	1P 1P
005	PACS S17-32 B 4 . S24		PX1.-	-	P617	TP8SS-38	4	617c	R		CVVUCR	33	211121 P011	005	1P 1P
013	PACS S17-32 B 4 . REF23		PX1.-	-	P617	TP8SS-38	4	617c	S		CVVUCR	33	211121 P011	013	1P 1P
007	PACS S17-32 B 4 . S23		PX1.-	-	P617	TP8SS-38	4	617c	S		CVVUCR	33	211121 P011	007	1P 1P
014	PACS S17-32 B 4 . REF22		PX1.-	-	P617	TP8SS-38	4	617c	T		CVVUCR	33	211121 P011	014	1P 1P
023	PACS S17-32 B 4 . S22		PX1.-	-	P617	TP8SS-38	4	617c	T		CVVUCR	33	211121 P011	023	1P 1P
022	PACS S17-32 B 4 . REF21		PX1.-	-	P617	TP8SS-38	4	617c	U		CVVUCR	33	211121 P011	022	1P 1P
033	PACS S17-32 B 4 . S21		PX1.-	-	P617	TP8SS-38	4	617c	U		CVVUCR	33	211121 P011	033	1P 1P
034	PACS S17-32 B 4 . REF20		PX1.-	-	P617	TP8SS-38	4	617c	V		CVVUCR	33	211121 P011	034	1P 1P
024	PACS S17-32 B 4 . S20		PX1.-	-	P617	TP8SS-38	4	617c	V		CVVUCR	33	211121 P011	024	1P 1P
045	PACS S17-32 B 4 . REF19		PX1.-	-	P617	TP8SS-38	4	617c	W		CVVUCR	33	211121 P011	045	1P 1P
046	PACS S17-32 B 4 . S19		PX1.-	-	P617	TP8SS-38	4	617c	W		CVVUCR	33	211121 P011	046	1P 1P
035	PACS S17-32 B 4 . REF18		PX1.-	-	P617	TP8SS-38	4	617c	X		CVVUCR	33	211121 P011	035	1P 1P
047	PACS S17-32 B 4 . S18		PX1.-	-	P617	TP8SS-38	4	617c	X		CVVUCR	33	211121 P011	047	1P 1P
058	PACS S17-32 B 4 . REF17		PX1.-	-	P617	TP8SS-38	4	617c	Y		CVVUCR	33	211121 P011	058	1P 1P
057	PACS S17-32 B 4 . S17		PX1.-	-	P617	TP8SS-38	4	617c	Y		CVVUCR	33	211121 P011	057	1P 1P

Pin Allocation List

(Harness)

Connector: 313200 J002
 HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B032435PN

Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	2C
012	PACS S17-32 B 4 . S617c		PX1.-	-	P617	TP8SS-38	4	617c		CS-617c	CVVUCR	33	211121 P011	012	1P	1P
-																
096	PACS FL Clock B 4 . VGDEC		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	096	2C	2C
084	PACS FL Clock B 4 . VSEL		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	084	2C	2C
097	PACS FL Clock B 4 . VGSEL		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	097	2C	2C
085	PACS FL Clock B 4 . AD6		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	085	1P	2C
098	PACS FL Clock B 4 . AD5		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	098	2C	2C
086	PACS FL Clock B 4 . AD4		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	086	2C	2C
099	PACS FL Clock B 4 . AD3		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	099	2C	2C
087	PACS FL Clock B 4 . AD2		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	087	2C	2C
100	PACS FL Clock B 4 . AD1		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	100	2C	2C
088	PACS FL Clock B 4 . AD0		PX6.-	-	P620	111SS-38	5				CVVUCR	33	211121 P011	088	2C	2C
072	PACS FL Clock B 4 . SH620		PX6.-	-	P620	111SS-38	5			CS-P620	CVVUCR	33	211121 P011	072	1P	1P
-										1 NU wire con to CS-P620						1P
-																
040	PACS Fil LL CLK B 4 . VSMS		PX4.-	-	P619	031SS-38	6				CVVUCR	33	211121 P011	040	2C	2C
051	PACS Fil LL CLK B 4 . CKRI		PX4.-	-	P619	031SS-38	6				CVVUCR	33	211121 P011	051	1P	2C
052	PACS Fil LL CLK B 4 . VDECX		PX4.-	-	P619	031SS-38	6				CVVUCR	33	211121 P011	052	2C	2C
050	PACS Fil LL CLK B 4 . SH619		PX4.-	-	P619	031SS-38	6			CS-P619	CVVUCR	33	211121 P011	050	1P	1P
-																
068	PACS Fil Bias B 4 . VHB		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	068	1P	1P
079	PACS Fil Bias B 4 . VTRIL		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	079	1P	1P
056	PACS Fil Bias B 4 . GNDCL		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	056	1P	1P
067	PACS Fil Bias B 4 . VDPRO		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	067	1P	1P
090	PACS Fil Bias B 4 . VH		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	090	1P	1P
078	PACS Fil Bias B 4 . VL		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	078	1P	1P
101	PACS Fil Bias B 4 . VRL		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	101	1P	1P
089	PACS Fil Bias B 4 . VCH		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	089	1P	1P
055	PACS Fil Bias B 4 . VSS		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	055	1P	1P
044	PACS Fil Bias B 4 . VDL		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	044	1P	1P
043	PACS Fil Bias B 4 . VINJ		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	043	1P	1P
032	PACS Fil Bias B 4 . VGL		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	032	1P	1P
066	PACS Fil Bias B 4 . VDD		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	066	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 236 (of 464)

Connector: 313200 J002
 HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B032435PN
Backshell: 440 FS 110 M 24 32

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
077	PACS Fil Bias B 4 . GNDBU		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	077	1P	1P
065	PACS Fil Bias B 4 . VPRBU		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	065	1P	1P
054	PACS Fil Bias B 4 . VGLBU		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	054	1P	1P
042	PACS Fil Bias B 4 . VGG		PX2.-	-	P618	X09SB---	7	618		191SS38	CVVUCR	33	211121 P011	042	1P	1P
064	PACS Fil Bias B 4 . SH618		PX2.-	-	P618	X09SB---	7	618		CS-618	CVVUCR	33	211121 P011	064	1P	1P
-										2 NU wires con to CS-618						1P
041	PACS Fil Bias B 4 . VSSBU		PX2.-	-	P618	X09SB---	8	618b		021BS30	CVVUCR	33	211121 P011	041	1P	1P
053	PACS Fil Bias B 4 . VDLBU		PX2.-	-	P618	X09SB---	8	618b		021BS30	CVVUCR	33	211121 P011	053	1P	1P
030	PACS Fil Bias B 4 . S618b		PX2.-	-	P618	X09SB---	8	618b		CS618b	CVVUCR	33	211121 P011	030	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 211121 P012
 CVVUCR

Function / Bundle: SIH-XP-09 (621b/c;622/b;623;624)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
086	PACS S01-16 B 5 . REF16		PX1.-	-	P621	TP8SS-38	1	621b	1		HPSVMCB2	22	313200 J001	086	1P	1P
078	PACS S01-16 B 5 . S16		PX1.-	-	P621	TP8SS-38	1	621b	1		HPSVMCB2	22	313200 J001	078	1P	1P
087	PACS S01-16 B 5 . REF15		PX1.-	-	P621	TP8SS-38	1	621b	2		HPSVMCB2	22	313200 J001	087	1P	1P
079	PACS S01-16 B 5 . S15		PX1.-	-	P621	TP8SS-38	1	621b	2		HPSVMCB2	22	313200 J001	079	1P	1P
088	PACS S01-16 B 5 . REF14		PX1.-	-	P621	TP8SS-38	1	621b	3		HPSVMCB2	22	313200 J001	088	1P	1P
080	PACS S01-16 B 5 . S14		PX1.-	-	P621	TP8SS-38	1	621b	3		HPSVMCB2	22	313200 J001	080	1P	1P
089	PACS S01-16 B 5 . REF13		PX1.-	-	P621	TP8SS-38	1	621b	4		HPSVMCB2	22	313200 J001	089	1P	1P
081	PACS S01-16 B 5 . S13		PX1.-	-	P621	TP8SS-38	1	621b	4		HPSVMCB2	22	313200 J001	081	1P	1P
069	PACS S01-16 B 5 . REF12		PX1.-	-	P621	TP8SS-38	1	621b	5		HPSVMCB2	22	313200 J001	069	1P	1P
059	PACS S01-16 B 5 . S12		PX1.-	-	P621	TP8SS-38	1	621b	5		HPSVMCB2	22	313200 J001	059	1P	1P
070	PACS S01-16 B 5 . REF11		PX1.-	-	P621	TP8SS-38	1	621b	6		HPSVMCB2	22	313200 J001	070	1P	1P
060	PACS S01-16 B 5 . S11		PX1.-	-	P621	TP8SS-38	1	621b	6		HPSVMCB2	22	313200 J001	060	1P	1P
071	PACS S01-16 B 5 . REF10		PX1.-	-	P621	TP8SS-38	1	621b	7		HPSVMCB2	22	313200 J001	071	1P	1P
061	PACS S01-16 B 5 . S10		PX1.-	-	P621	TP8SS-38	1	621b	7		HPSVMCB2	22	313200 J001	061	1P	1P
072	PACS S01-16 B 5 . REF09		PX1.-	-	P621	TP8SS-38	1	621b	8		HPSVMCB2	22	313200 J001	072	1P	1P
062	PACS S01-16 B 5 . S09		PX1.-	-	P621	TP8SS-38	1	621b	8		HPSVMCB2	22	313200 J001	062	1P	1P
077	PACS S01-16 B 5 . S621b		PX1.-	-	P621	TP8SS-38	1	621b		CS-621b	HPSVMCB2	22	313200 J001	077	1P	1P
-																
090	PACS S01-16 B 5 . REF08		PX1.-	-	P621	TP8SS-38	2	621c	9		HPSVMCB2	22	313200 J001	090	1P	1P
082	PACS S01-16 B 5 . S08		PX1.-	-	P621	TP8SS-38	2	621c	9		HPSVMCB2	22	313200 J001	082	1P	1P
091	PACS S01-16 B 5 . REF07		PX1.-	-	P621	TP8SS-38	2	621c	A		HPSVMCB2	22	313200 J001	091	1P	1P
083	PACS S01-16 B 5 . S07		PX1.-	-	P621	TP8SS-38	2	621c	A		HPSVMCB2	22	313200 J001	083	1P	1P
092	PACS S01-16 B 5 . REF06		PX1.-	-	P621	TP8SS-38	2	621c	B		HPSVMCB2	22	313200 J001	092	1P	1P
084	PACS S01-16 B 5 . S06		PX1.-	-	P621	TP8SS-38	2	621c	B		HPSVMCB2	22	313200 J001	084	1P	1P
093	PACS S01-16 B 5 . REF05		PX1.-	-	P621	TP8SS-38	2	621c	C		HPSVMCB2	22	313200 J001	093	1P	1P
085	PACS S01-16 B 5 . S05		PX1.-	-	P621	TP8SS-38	2	621c	C		HPSVMCB2	22	313200 J001	085	1P	1P
073	PACS S01-16 B 5 . REF04		PX1.-	-	P621	TP8SS-38	2	621c	D		HPSVMCB2	22	313200 J001	073	1P	1P
063	PACS S01-16 B 5 . S04		PX1.-	-	P621	TP8SS-38	2	621c	D		HPSVMCB2	22	313200 J001	063	1P	1P
074	PACS S01-16 B 5 . REF03		PX1.-	-	P621	TP8SS-38	2	621c	E		HPSVMCB2	22	313200 J001	074	1P	1P
064	PACS S01-16 B 5 . S03		PX1.-	-	P621	TP8SS-38	2	621c	E		HPSVMCB2	22	313200 J001	064	1P	1P
075	PACS S01-16 B 5 . REF02		PX1.-	-	P621	TP8SS-38	2	621c	F		HPSVMCB2	22	313200 J001	075	1P	1P
065	PACS S01-16 B 5 . S02		PX1.-	-	P621	TP8SS-38	2	621c	F		HPSVMCB2	22	313200 J001	065	1P	1P
076	PACS S01-16 B 5 . REF01		PX1.-	-	P621	TP8SS-38	2	621c	G		HPSVMCB2	22	313200 J001	076	1P	1P
066	PACS S01-16 B 5 . S01		PX1.-	-	P621	TP8SS-38	2	621c	G		HPSVMCB2	22	313200 J001	066	1P	1P
097	PACS S01-16 B 5 . S621c		PX1.-	-	P621	TP8SS-38	2	621c		CS-621c	HPSVMCB2	22	313200 J001	097	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P012
CVVUCR

Function / Bundle: SIH-XP-09 (621b/c;622/b;623;624)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
-															2C
008	PACS FL Clock B 5 . VGDEC		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	008	2C 2C
009	PACS FL Clock B 5 . VSEL		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	009	2C 2C
010	PACS FL Clock B 5 . VGSEL		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	010	2C 2C
011	PACS FL Clock B 5 . AD6		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	011	1P 1P
017	PACS FL Clock B 5 . AD5		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	017	2C 2C
018	PACS FL Clock B 5 . AD4		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	018	2C 2C
019	PACS FL Clock B 5 . AD3		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	019	2C 2C
020	PACS FL Clock B 5 . AD2		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	020	2C 2C
029	PACS FL Clock B 5 . AD1		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	029	2C 2C
030	PACS FL Clock B 5 . AD0		PX6.-	-	P624	111SS-38	3				HPSVMCB2	22	313200 J001	030	2C 2C
016	PACS FL Clock B 5 . SH624		PX6.-	-	P624	111SS-38	3			CS-P624	HPSVMCB2	22	313200 J001	016	1P 1P
-										1 NU wire con to CS-P624					1P
001	PACS Fil LL CLK B 5 . VSMS		PX4.-	-	P623	031SS-38	4				HPSVMCB2	22	313200 J001	001	2C 2C
002	PACS Fil LL CLK B 5 . CKRI		PX4.-	-	P623	031SS-38	4				HPSVMCB2	22	313200 J001	002	1P 1P
003	PACS Fil LL CLK B 5 . VDECX		PX4.-	-	P623	031SS-38	4				HPSVMCB2	22	313200 J001	003	2C 2C
004	PACS Fil LL CLK B 5 . SH623		PX4.-	-	P623	031SS-38	4			CS-P623	HPSVMCB2	22	313200 J001	004	1P 1P
-															
012	PACS Fil Bias B 5 . VHB		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	012	1P 1P
013	PACS Fil Bias B 5 . VTRIL		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	013	1P 1P
014	PACS Fil Bias B 5 . GNDCL		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	014	1P 1P
015	PACS Fil Bias B 5 . VDPRO		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	015	1P 1P
021	PACS Fil Bias B 5 . VH		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	021	1P 1P
022	PACS Fil Bias B 5 . VL		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	022	1P 1P
023	PACS Fil Bias B 5 . VRL		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	023	1P 1P
024	PACS Fil Bias B 5 . VCH		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	024	1P 1P
031	PACS Fil Bias B 5 . VSS		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	031	1P 1P
032	PACS Fil Bias B 5 . VDL		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	032	1P 1P
033	PACS Fil Bias B 5 . VINJ		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	033	1P 1P
034	PACS Fil Bias B 5 . VGL		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	034	1P 1P
042	PACS Fil Bias B 5 . VDD		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	042	1P 1P
043	PACS Fil Bias B 5 . GNDBU		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	043	1P 1P
044	PACS Fil Bias B 5 . VPRBU		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	044	1P 1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 239 (of 464)

Connector: 211121 P012
CVVUCR

Function / Bundle: SIH-XP-09 (621b/c;622/b;623;624)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
045	PACS Fil Bias B 5 . VGLBU		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	045	1P 1P
041	PACS Fil Bias B 5 . VGG		PX2.-	-	P622	X09SB---	5	622		191SS38	HPSVMCB2	22	313200 J001	041	1P 1P
052	PACS Fil Bias B 5 . SH622		PX2.-	-	P622	X09SB---	5	622		CS-622	HPSVMCB2	22	313200 J001	052	1P 1P
-										2 NU wires con to CS-622					1P
005	PACS Fil Bias B 5 . VSSBU		PX2.-	-	P622	X09SB---	6	622b		021BS30	HPSVMCB2	22	313200 J001	005	1P 1P
006	PACS Fil Bias B 5 . VDLBU		PX2.-	-	P622	X09SB---	6	622b		021BS30	HPSVMCB2	22	313200 J001	006	1P 1P
007	PACS Fil Bias B 5 . S622b		PX2.-	-	P622	X09SB---	6	622b		CS-622b	HPSVMCB2	22	313200 J001	007	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 240 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313200 J001
HPSVMCB2

Function / Bundle: SIH-XP-09 (621b/c;622/b;622/b;623;624)

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.											1P	1P
086	PACS S01-16 B 5 . REF16		PX1.-	-	P621	TP8SS-38	1	621b	1		CVVUCR	33	211121 P012	086	1P	1P
078	PACS S01-16 B 5 . S16		PX1.-	-	P621	TP8SS-38	1	621b	1		CVVUCR	33	211121 P012	078	1P	1P
087	PACS S01-16 B 5 . REF15		PX1.-	-	P621	TP8SS-38	1	621b	2		CVVUCR	33	211121 P012	087	1P	1P
079	PACS S01-16 B 5 . S15		PX1.-	-	P621	TP8SS-38	1	621b	2		CVVUCR	33	211121 P012	079	1P	1P
088	PACS S01-16 B 5 . REF14		PX1.-	-	P621	TP8SS-38	1	621b	3		CVVUCR	33	211121 P012	088	1P	1P
080	PACS S01-16 B 5 . S14		PX1.-	-	P621	TP8SS-38	1	621b	3		CVVUCR	33	211121 P012	080	1P	1P
089	PACS S01-16 B 5 . REF13		PX1.-	-	P621	TP8SS-38	1	621b	4		CVVUCR	33	211121 P012	089	1P	1P
081	PACS S01-16 B 5 . S13		PX1.-	-	P621	TP8SS-38	1	621b	4		CVVUCR	33	211121 P012	081	1P	1P
069	PACS S01-16 B 5 . REF12		PX1.-	-	P621	TP8SS-38	1	621b	5		CVVUCR	33	211121 P012	069	1P	1P
059	PACS S01-16 B 5 . S12		PX1.-	-	P621	TP8SS-38	1	621b	5		CVVUCR	33	211121 P012	059	1P	1P
070	PACS S01-16 B 5 . REF11		PX1.-	-	P621	TP8SS-38	1	621b	6		CVVUCR	33	211121 P012	070	1P	1P
060	PACS S01-16 B 5 . S11		PX1.-	-	P621	TP8SS-38	1	621b	6		CVVUCR	33	211121 P012	060	1P	1P
071	PACS S01-16 B 5 . REF10		PX1.-	-	P621	TP8SS-38	1	621b	7		CVVUCR	33	211121 P012	071	1P	1P
061	PACS S01-16 B 5 . S10		PX1.-	-	P621	TP8SS-38	1	621b	7		CVVUCR	33	211121 P012	061	1P	1P
072	PACS S01-16 B 5 . REF09		PX1.-	-	P621	TP8SS-38	1	621b	8		CVVUCR	33	211121 P012	072	1P	1P
062	PACS S01-16 B 5 . S09		PX1.-	-	P621	TP8SS-38	1	621b	8		CVVUCR	33	211121 P012	062	1P	1P
077	PACS S01-16 B 5 . S621b		PX1.-	-	P621	TP8SS-38	1	621b		CS-621b	CVVUCR	33	211121 P012	077	1P	1P
-																
090	PACS S01-16 B 5 . REF08		PX1.-	-	P621	TP8SS-38	2	621c	9		CVVUCR	33	211121 P012	090	1P	1P
082	PACS S01-16 B 5 . S08		PX1.-	-	P621	TP8SS-38	2	621c	9		CVVUCR	33	211121 P012	082	1P	1P
091	PACS S01-16 B 5 . REF07		PX1.-	-	P621	TP8SS-38	2	621c	A		CVVUCR	33	211121 P012	091	1P	1P
083	PACS S01-16 B 5 . S07		PX1.-	-	P621	TP8SS-38	2	621c	A		CVVUCR	33	211121 P012	083	1P	1P
092	PACS S01-16 B 5 . REF06		PX1.-	-	P621	TP8SS-38	2	621c	B		CVVUCR	33	211121 P012	092	1P	1P
084	PACS S01-16 B 5 . S06		PX1.-	-	P621	TP8SS-38	2	621c	B		CVVUCR	33	211121 P012	084	1P	1P
093	PACS S01-16 B 5 . REF05		PX1.-	-	P621	TP8SS-38	2	621c	C		CVVUCR	33	211121 P012	093	1P	1P
085	PACS S01-16 B 5 . S05		PX1.-	-	P621	TP8SS-38	2	621c	C		CVVUCR	33	211121 P012	085	1P	1P
073	PACS S01-16 B 5 . REF04		PX1.-	-	P621	TP8SS-38	2	621c	D		CVVUCR	33	211121 P012	073	1P	1P
063	PACS S01-16 B 5 . S04		PX1.-	-	P621	TP8SS-38	2	621c	D		CVVUCR	33	211121 P012	063	1P	1P
074	PACS S01-16 B 5 . REF03		PX1.-	-	P621	TP8SS-38	2	621c	E		CVVUCR	33	211121 P012	074	1P	1P
064	PACS S01-16 B 5 . S03		PX1.-	-	P621	TP8SS-38	2	621c	E		CVVUCR	33	211121 P012	064	1P	1P
075	PACS S01-16 B 5 . REF02		PX1.-	-	P621	TP8SS-38	2	621c	F		CVVUCR	33	211121 P012	075	1P	1P
065	PACS S01-16 B 5 . S02		PX1.-	-	P621	TP8SS-38	2	621c	F		CVVUCR	33	211121 P012	065	1P	1P
076	PACS S01-16 B 5 . REF01		PX1.-	-	P621	TP8SS-38	2	621c	G		CVVUCR	33	211121 P012	076	1P	1P
066	PACS S01-16 B 5 . S01		PX1.-	-	P621	TP8SS-38	2	621c	G		CVVUCR	33	211121 P012	066	1P	1P
097	PACS S01-16 B 5 . S621c		PX1.-	-	P621	TP8SS-38	2	621c		CS-621c	CVVUCR	33	211121 P012	097	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J001
HPSVMCB2

Function / Bundle: SIH-XP-09 (621b/c;622/b;622/b;623;624)

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.											
-															
008	PACS FL Clock B 5 . VGDEC		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	008	2C 2C
009	PACS FL Clock B 5 . VSEL		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	009	2C 2C
010	PACS FL Clock B 5 . VGSEL		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	010	2C 2C
011	PACS FL Clock B 5 . AD6		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	011	1P 1P
017	PACS FL Clock B 5 . AD5		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	017	2C 2C
018	PACS FL Clock B 5 . AD4		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	018	2C 2C
019	PACS FL Clock B 5 . AD3		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	019	2C 2C
020	PACS FL Clock B 5 . AD2		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	020	2C 2C
029	PACS FL Clock B 5 . AD1		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	029	2C 2C
030	PACS FL Clock B 5 . AD0		PX6.-	-	P624	111SS-38	3				CVVUCR	33	211121 P012	030	2C 2C
016	PACS FL Clock B 5 . SH624		PX6.-	-	P624	111SS-38	3			CS-P624	CVVUCR	33	211121 P012	016	1P 1P
-										1 NU wire con to P624					1P
-															
001	PACS Fil LL CLK B 5 . VSMS		PX4.-	-	P623	031SS-38	4				CVVUCR	33	211121 P012	001	2C 2C
002	PACS Fil LL CLK B 5 . CKRI		PX4.-	-	P623	031SS-38	4				CVVUCR	33	211121 P012	002	1P 1P
003	PACS Fil LL CLK B 5 . VDCEX		PX4.-	-	P623	031SS-38	4				CVVUCR	33	211121 P012	003	2C 2C
004	PACS Fil LL CLK B 5 . SH623		PX4.-	-	P623	031SS-38	4			CS-P623	CVVUCR	33	211121 P012	004	1P 1P
-															
012	PACS Fil Bias B 5 . VHB		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	012	1P 1P
013	PACS Fil Bias B 5 . VTRIL		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	013	1P 1P
014	PACS Fil Bias B 5 . GNDCL		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	014	1P 1P
015	PACS Fil Bias B 5 . VDPRO		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	015	1P 1P
021	PACS Fil Bias B 5 . VH		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	021	1P 1P
022	PACS Fil Bias B 5 . VL		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	022	1P 1P
023	PACS Fil Bias B 5 . VRL		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	023	1P 1P
024	PACS Fil Bias B 5 . VCH		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	024	1P 1P
031	PACS Fil Bias B 5 . VSS		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	031	1P 1P
032	PACS Fil Bias B 5 . VDL		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	032	1P 1P
033	PACS Fil Bias B 5 . VINJ		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	033	1P 1P
034	PACS Fil Bias B 5 . VGL		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	034	1P 1P
042	PACS Fil Bias B 5 . VDD		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	042	1P 1P
043	PACS Fil Bias B 5 . GNDBU		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	043	1P 1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 243 (of 464)

Connector: 313200 J001
 HPSVMCB2

Function / Bundle: SIH-XP-09 (621b/c;622/b;622/b;623;624)

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.											1P	1P
044	PACS Fil Bias B 5 . VPRBU		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	044	1P	1P
045	PACS Fil Bias B 5 . VGLBU		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	045	1P	1P
041	PACS Fil Bias B 5 . VGG		PX2.-	-	P622	X09SB---	5	622		191SS38	CVVUCR	33	211121 P012	041	1P	1P
052	PACS Fil Bias B 5 . SH622		PX2.-	-	P622	X09SB---	5	622		CS-622	CVVUCR	33	211121 P012	052	1P	1P
-										2 NU wires con to CS-622						1P
005	PACS Fil Bias B 5 . VSSBU		PX2.-	-	P622	X09SB---	6	622b		021BS30	CVVUCR	33	211121 P012	005	1P	1P
006	PACS Fil Bias B 5 . VDLBU		PX2.-	-	P622	X09SB---	6	622b		021BS30	CVVUCR	33	211121 P012	006	1P	1P
007	PACS Fil Bias B 5 . S622b		PX2.-	-	P622	X09SB---	6	622b		CS-622b	CVVUCR	33	211121 P012	007	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 244 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 P013
CVVUCR

Function / Bundle: SIH-XP-10 (625b/c;626/b;627;628)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
086	PACS S01-16 B 6 . REF16		PX1.-	-	P625	TP8SS-38	1	625b	1		HPSVMCB2	22	313200 J003	086	1P	1P
078	PACS S01-16 B 6 . S16		PX1.-	-	P625	TP8SS-38	1	625b	1		HPSVMCB2	22	313200 J003	078	1P	1P
087	PACS S01-16 B 6 . REF15		PX1.-	-	P625	TP8SS-38	1	625b	2		HPSVMCB2	22	313200 J003	087	1P	1P
079	PACS S01-16 B 6 . S15		PX1.-	-	P625	TP8SS-38	1	625b	2		HPSVMCB2	22	313200 J003	079	1P	1P
088	PACS S01-16 B 6 . REF14		PX1.-	-	P625	TP8SS-38	1	625b	3		HPSVMCB2	22	313200 J003	088	1P	1P
080	PACS S01-16 B 6 . S14		PX1.-	-	P625	TP8SS-38	1	625b	3		HPSVMCB2	22	313200 J003	080	1P	1P
089	PACS S01-16 B 6 . REF13		PX1.-	-	P625	TP8SS-38	1	625b	4		HPSVMCB2	22	313200 J003	089	1P	1P
081	PACS S01-16 B 6 . S13		PX1.-	-	P625	TP8SS-38	1	625b	4		HPSVMCB2	22	313200 J003	081	1P	1P
069	PACS S01-16 B 6 . REF12		PX1.-	-	P625	TP8SS-38	1	625b	5		HPSVMCB2	22	313200 J003	069	1P	1P
059	PACS S01-16 B 6 . S12		PX1.-	-	P625	TP8SS-38	1	625b	5		HPSVMCB2	22	313200 J003	059	1P	1P
070	PACS S01-16 B 6 . REF11		PX1.-	-	P625	TP8SS-38	1	625b	6		HPSVMCB2	22	313200 J003	070	1P	1P
060	PACS S01-16 B 6 . S11		PX1.-	-	P625	TP8SS-38	1	625b	6		HPSVMCB2	22	313200 J003	060	1P	1P
071	PACS S01-16 B 6 . REF10		PX1.-	-	P625	TP8SS-38	1	625b	7		HPSVMCB2	22	313200 J003	071	1P	1P
061	PACS S01-16 B 6 . S10		PX1.-	-	P625	TP8SS-38	1	625b	7		HPSVMCB2	22	313200 J003	061	1P	1P
072	PACS S01-16 B 6 . REF09		PX1.-	-	P625	TP8SS-38	1	625b	8		HPSVMCB2	22	313200 J003	072	1P	1P
062	PACS S01-16 B 6 . S09		PX1.-	-	P625	TP8SS-38	1	625b	8		HPSVMCB2	22	313200 J003	062	1P	1P
077	PACS S01-16 B 6 . S625b		PX1.-	-	P625	TP8SS-38		625b		CS-625b	HPSVMCB2	22	313200 J003	077	1P	1P
-																
090	PACS S01-16 B 6 . REF08		PX1.-	-	P625	TP8SS-38	2	625c	9		HPSVMCB2	22	313200 J003	090	1P	1P
082	PACS S01-16 B 6 . S08		PX1.-	-	P625	TP8SS-38	2	625c	9		HPSVMCB2	22	313200 J003	082	1P	1P
091	PACS S01-16 B 6 . REF07		PX1.-	-	P625	TP8SS-38	2	625c	A		HPSVMCB2	22	313200 J003	091	1P	1P
083	PACS S01-16 B 6 . S07		PX1.-	-	P625	TP8SS-38	2	625c	A		HPSVMCB2	22	313200 J003	083	1P	1P
092	PACS S01-16 B 6 . REF06		PX1.-	-	P625	TP8SS-38	2	625c	B		HPSVMCB2	22	313200 J003	092	1P	1P
084	PACS S01-16 B 6 . S06		PX1.-	-	P625	TP8SS-38	2	625c	B		HPSVMCB2	22	313200 J003	084	1P	1P
093	PACS S01-16 B 6 . REF05		PX1.-	-	P625	TP8SS-38	2	625c	C		HPSVMCB2	22	313200 J003	093	1P	1P
085	PACS S01-16 B 6 . S05		PX1.-	-	P625	TP8SS-38	2	625c	C		HPSVMCB2	22	313200 J003	085	1P	1P
073	PACS S01-16 B 6 . REF04		PX1.-	-	P625	TP8SS-38	2	625c	D		HPSVMCB2	22	313200 J003	073	1P	1P
063	PACS S01-16 B 6 . S04		PX1.-	-	P625	TP8SS-38	2	625c	D		HPSVMCB2	22	313200 J003	063	1P	1P
074	PACS S01-16 B 6 . REF03		PX1.-	-	P625	TP8SS-38	2	625c	E		HPSVMCB2	22	313200 J003	074	1P	1P
064	PACS S01-16 B 6 . S03		PX1.-	-	P625	TP8SS-38	2	625c	E		HPSVMCB2	22	313200 J003	064	1P	1P
075	PACS S01-16 B 6 . REF02		PX1.-	-	P625	TP8SS-38	2	625c	F		HPSVMCB2	22	313200 J003	075	1P	1P
065	PACS S01-16 B 6 . S02		PX1.-	-	P625	TP8SS-38	2	625c	F		HPSVMCB2	22	313200 J003	065	1P	1P
076	PACS S01-16 B 6 . REF01		PX1.-	-	P625	TP8SS-38	2	625c	G		HPSVMCB2	22	313200 J003	076	1P	1P
066	PACS S01-16 B 6 . S01		PX1.-	-	P625	TP8SS-38	2	625c	G		HPSVMCB2	22	313200 J003	066	1P	1P
097	PACS S01-16 B 6 . S625c		PX1.-	-	P625	TP8SS-38	2	625c		CS-625c	HPSVMCB2	22	313200 J003	097	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P013
CVVUCR

Function / Bundle: SIH-XP-10 (625b/c;626/b;627;628)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
-															
008	PACS FL Clock B 6 . VGDEC		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	008	2C 2C
009	PACS FL Clock B 6 . VSEL		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	009	2C 2C
010	PACS FL Clock B 6 . VGSEL		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	010	2C 2C
011	PACS FL Clock B 6 . AD6		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	011	2C 2C
017	PACS FL Clock B 6 . AD5		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	017	1P 1P
018	PACS FL Clock B 6 . AD4		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	018	2C 2C
019	PACS FL Clock B 6 . AD3		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	019	2C 2C
020	PACS FL Clock B 6 . AD2		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	020	2C 2C
029	PACS FL Clock B 6 . AD1		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	029	2C 2C
030	PACS FL Clock B 6 . AD0		PX6.-	-	P628	111SS-38	3				HPSVMCB2	22	313200 J003	030	2C 2C
016	PACS FL Clock B 6 . SH628		PX6.-	-	P628	111SS-38	3			CS-P628	HPSVMCB2	22	313200 J003	016	1P 1P
-										1 NU wire con to P628					1P
-															
001	PACS Fill LL CLK B 6 . VSMS		PX4.-	-	P627	031SS-38	4				HPSVMCB2	22	313200 J003	001	2C 2C
002	PACS Fill LL CLK B 6 . CKRI		PX4.-	-	P627	031SS-38	4				HPSVMCB2	22	313200 J003	002	1P 1P
003	PACS Fill LL CLK B 6 . VDECX		PX4.-	-	P627	031SS-38	4				HPSVMCB2	22	313200 J003	003	2C 2C
004	PACS Fill LL CLK B 6 . SH627		PX4.-	-	P627	031SS-38	4			CS-P627	HPSVMCB2	22	313200 J003	004	1P 1P
-															
012	PACS Fil Bias B 6 . VHB		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	012	1P 1P
013	PACS Fil Bias B 6 . VTRIL		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	013	1P 1P
014	PACS Fil Bias B 6 . GNDCL		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	014	1P 1P
015	PACS Fil Bias B 6 . VDPRO		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	015	1P 1P
021	PACS Fil Bias B 6 . VH		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	021	1P 1P
022	PACS Fil Bias B 6 . VL		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	022	1P 1P
023	PACS Fil Bias B 6 . VRL		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	023	1P 1P
024	PACS Fil Bias B 6 . VCH		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	024	1P 1P
031	PACS Fil Bias B 6 . VSS		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	031	1P 1P
032	PACS Fil Bias B 6 . VDL		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	032	1P 1P
033	PACS Fil Bias B 6 . VINJ		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	033	1P 1P
034	PACS Fil Bias B 6 . VGL		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	034	1P 1P
042	PACS Fil Bias B 6 . VDD		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	042	1P 1P
043	PACS Fil Bias B 6 . GNDBU		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	043	1P 1P

Pin Allocation List

(Harness)

Connector: 211121 P013
 CVVUCR

Function / Bundle: SIH-XP-10 (625b/c;626/b;627;628)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
044	PACS Fil Bias B 6 . VPRBU		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	044	1P 1P
045	PACS Fil Bias B 6 . VGLBU		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	045	1P 1P
041	PACS Fil Bias B 6 . VGG		PX2.-	-	P626	X09SB---	5	626		H19138SS	HPSVMCB2	22	313200 J003	041	1P 1P
052	PACS Fil Bias B 6 . SH626		PX2.-	-	P626	X09SB---	5	626		CS-626	HPSVMCB2	22	313200 J003	052	1P 1P
-										2 NU wires con to CS-626					1P
005	PACS Fil Bias B 6 . VSSBU		PX2.-	-	P626	X09SB---	6	626b		021BS30	HPSVMCB2	22	313200 J003	005	1P 1P
006	PACS Fil Bias B 6 . VDLBU		PX2.-	-	P626	X09SB---	6	626b		021BS30	HPSVMCB2	22	313200 J003	006	1P 1P
007	PACS Fil Bias B 6 . S626b		PX2.-	-	P626	X09SB---	6	626b		CS-626b	HPSVMCB2	22	313200 J003	007	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 248 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313200 J003
 HPSVMCB2

Function / Bundle: SIH-XP-10 (625b/c;626/b;627-628)

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.											1P	1P
086	PACS S01-16 B 6 . REF16		PX1.-	-	P625	TP8SS-38	1	625b	1		CVVUCR	33	211121 P013	086	1P	1P
078	PACS S01-16 B 6 . S16		PX1.-	-	P625	TP8SS-38	1	625b	1		CVVUCR	33	211121 P013	078	1P	1P
087	PACS S01-16 B 6 . REF15		PX1.-	-	P625	TP8SS-38	1	625b	2		CVVUCR	33	211121 P013	087	1P	1P
079	PACS S01-16 B 6 . S15		PX1.-	-	P625	TP8SS-38	1	625b	2		CVVUCR	33	211121 P013	079	1P	1P
088	PACS S01-16 B 6 . REF14		PX1.-	-	P625	TP8SS-38	1	625b	3		CVVUCR	33	211121 P013	088	1P	1P
080	PACS S01-16 B 6 . S14		PX1.-	-	P625	TP8SS-38	1	625b	3		CVVUCR	33	211121 P013	080	1P	1P
089	PACS S01-16 B 6 . REF13		PX1.-	-	P625	TP8SS-38	1	625b	4		CVVUCR	33	211121 P013	089	1P	1P
081	PACS S01-16 B 6 . S13		PX1.-	-	P625	TP8SS-38	1	625b	4		CVVUCR	33	211121 P013	081	1P	1P
069	PACS S01-16 B 6 . REF12		PX1.-	-	P625	TP8SS-38	1	625b	5		CVVUCR	33	211121 P013	069	1P	1P
059	PACS S01-16 B 6 . S12		PX1.-	-	P625	TP8SS-38	1	625b	5		CVVUCR	33	211121 P013	059	1P	1P
070	PACS S01-16 B 6 . REF11		PX1.-	-	P625	TP8SS-38	1	625b	6		CVVUCR	33	211121 P013	070	1P	1P
060	PACS S01-16 B 6 . S11		PX1.-	-	P625	TP8SS-38	1	625b	6		CVVUCR	33	211121 P013	060	1P	1P
071	PACS S01-16 B 6 . REF10		PX1.-	-	P625	TP8SS-38	1	625b	7		CVVUCR	33	211121 P013	071	1P	1P
061	PACS S01-16 B 6 . S10		PX1.-	-	P625	TP8SS-38	1	625b	7		CVVUCR	33	211121 P013	061	1P	1P
072	PACS S01-16 B 6 . REF09		PX1.-	-	P625	TP8SS-38	1	625b	8		CVVUCR	33	211121 P013	072	1P	1P
062	PACS S01-16 B 6 . S09		PX1.-	-	P625	TP8SS-38	1	625b	8		CVVUCR	33	211121 P013	062	1P	1P
077	PACS S01-16 B 6 . S625b		PX1.-	-	P625	TP8SS-38	1	625b		CS-625b	CVVUCR	33	211121 P013	077	1P	1P
-																
090	PACS S01-16 B 6 . REF08		PX1.-	-	P625	TP8SS-38	2	625c	9		CVVUCR	33	211121 P013	090	1P	1P
082	PACS S01-16 B 6 . S08		PX1.-	-	P625	TP8SS-38	2	625c	9		CVVUCR	33	211121 P013	082	1P	1P
091	PACS S01-16 B 6 . REF07		PX1.-	-	P625	TP8SS-38	2	625c	A		CVVUCR	33	211121 P013	091	1P	1P
083	PACS S01-16 B 6 . S07		PX1.-	-	P625	TP8SS-38	2	625c	A		CVVUCR	33	211121 P013	083	1P	1P
092	PACS S01-16 B 6 . REF06		PX1.-	-	P625	TP8SS-38	2	625c	B		CVVUCR	33	211121 P013	092	1P	1P
084	PACS S01-16 B 6 . S06		PX1.-	-	P625	TP8SS-38	2	625c	B		CVVUCR	33	211121 P013	084	1P	1P
093	PACS S01-16 B 6 . REF05		PX1.-	-	P625	TP8SS-38	2	625c	C		CVVUCR	33	211121 P013	093	1P	1P
085	PACS S01-16 B 6 . S05		PX1.-	-	P625	TP8SS-38	2	625c	C		CVVUCR	33	211121 P013	085	1P	1P
073	PACS S01-16 B 6 . REF04		PX1.-	-	P625	TP8SS-38	2	625c	D		CVVUCR	33	211121 P013	073	1P	1P
063	PACS S01-16 B 6 . S04		PX1.-	-	P625	TP8SS-38	2	625c	D		CVVUCR	33	211121 P013	063	1P	1P
074	PACS S01-16 B 6 . REF03		PX1.-	-	P625	TP8SS-38	2	625c	E		CVVUCR	33	211121 P013	074	1P	1P
064	PACS S01-16 B 6 . S03		PX1.-	-	P625	TP8SS-38	2	625c	E		CVVUCR	33	211121 P013	064	1P	1P
075	PACS S01-16 B 6 . REF02		PX1.-	-	P625	TP8SS-38	2	625c	F		CVVUCR	33	211121 P013	075	1P	1P
065	PACS S01-16 B 6 . S02		PX1.-	-	P625	TP8SS-38	2	625c	F		CVVUCR	33	211121 P013	065	1P	1P
076	PACS S01-16 B 6 . REF01		PX1.-	-	P625	TP8SS-38	2	625c	G		CVVUCR	33	211121 P013	076	1P	1P
066	PACS S01-16 B 6 . S01		PX1.-	-	P625	TP8SS-38	2	625c	G		CVVUCR	33	211121 P013	066	1P	1P
097	PACS S01-16 B 6 . S625c		PX1.-	-	P625	TP8SS-38	2	625c		CS-625c	CVVUCR	33	211121 P013	097	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J003
HPSVMCB2

Function / Bundle: SIH-XP-10 (625b/c;626/b;627-628)

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.											
-															
008	PACS FL Clock B 6 . VGDEC		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	008	2C 2C
009	PACS FL Clock B 6 . VSEL		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	009	2C 2C
010	PACS FL Clock B 6 . VGSEL		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	010	2C 2C
011	PACS FL Clock B 6 . AD6		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	011	2C 2C
017	PACS FL Clock B 6 . AD5		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	017	1P 1P
018	PACS FL Clock B 6 . AD4		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	018	2C 2C
019	PACS FL Clock B 6 . AD3		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	019	2C 2C
020	PACS FL Clock B 6 . AD2		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	020	2C 2C
029	PACS FL Clock B 6 . AD1		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	029	2C 2C
030	PACS FL Clock B 6 . AD0		PX6.-	-	P628	111SS-38	3				CVWUCR	33	211121 P013	030	2C 2C
016	PACS FL Clock B 6 . SH628		PX6.-	-	P628	111SS-38	3			CS-628	CVWUCR	33	211121 P013	016	1P 1P
-										1 NU wire con to CS-P628					1P
-															
001	PACS Fill LL CLK B 6 . VSMS		PX4.-	-	P627	031SS-38	4				CVWUCR	33	211121 P013	001	2C 2C
002	PACS Fill LL CLK B 6 . CKRI		PX4.-	-	P627	031SS-38	4				CVWUCR	33	211121 P013	002	1P 1P
003	PACS Fill LL CLK B 6 . VDECX		PX4.-	-	P627	031SS-38	4				CVWUCR	33	211121 P013	003	2C 2C
004	PACS Fill LL CLK B 6 . SH627		PX4.-	-	P627	031SS-38	4			CS-P627	CVWUCR	33	211121 P013	004	1P 1P
-															
012	PACS Fil Bias B 6 . VHB		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	012	1P 1P
013	PACS Fil Bias B 6 . VTRIL		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	013	1P 1P
014	PACS Fil Bias B 6 . GNDCL		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	014	1P 1P
015	PACS Fil Bias B 6 . VDPRO		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	015	1P 1P
021	PACS Fil Bias B 6 . VH		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	021	1P 1P
022	PACS Fil Bias B 6 . VL		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	022	1P 1P
023	PACS Fil Bias B 6 . VRL		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	023	1P 1P
024	PACS Fil Bias B 6 . VCH		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	024	1P 1P
031	PACS Fil Bias B 6 . VSS		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	031	1P 1P
032	PACS Fil Bias B 6 . VDL		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	032	1P 1P
033	PACS Fil Bias B 6 . VINJ		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	033	1P 1P
034	PACS Fil Bias B 6 . VGL		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	034	1P 1P
042	PACS Fil Bias B 6 . VDD		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	042	1P 1P
043	PACS Fil Bias B 6 . GNDBU		PX2.-	-	P626	X09SB---	5	626		191SS38	CVWUCR	33	211121 P013	043	1P 1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 251 (of 464)

Connector: 313200 J003
 HPSVMCB2

Function / Bundle: SIH-XP-10 (625b/c;626/b;627-628)

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.											
044	PACS Fil Bias B 6 . VPRBU		PX2.-	-	P626	X09SB---	5	626		191SS38	CVVUCR	33	211121 P013	044	1P 1P
045	PACS Fil Bias B 6 . VGLBU		PX2.-	-	P626	X09SB---	5	626		191SS38	CVVUCR	33	211121 P013	045	1P 1P
041	PACS Fil Bias B 6 . VGG		PX2.-	-	P626	X09SB---	5	626		191SS38	CVVUCR	33	211121 P013	041	1P 1P
052	PACS Fil Bias B 6 . SH626		PX2.-	-	P626	X09SB---	5	626		CS-626	CVVUCR	33	211121 P013	052	1P 1P
-										2 NU wires con to CS-626					1P
005	PACS Fil Bias B 6 . VSSBU		PX2.-	-	P626	X09SB---	6	626b		021BS30	CVVUCR	33	211121 P013	005	1P 1P
006	PACS Fil Bias B 6 . VDLBU		PX2.-	-	P626	X09SB---	6	626b		021BS30	CVVUCR	33	211121 P013	006	1P 1P
007	PACS Fil Bias B 6 . S626b		PX2.-	-	P626	X09SB---	6	626b		CS-626b	CVVUCR	33	211121 P013	007	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 252 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 P014
CVVUCR

Function / Bundle: SIH-XP-11 (629-634;641-644)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
041	PACS Co M SP Temp . SENS		PBT.-	-	P629	TP2SS-38	1		1		HPSVMCB2	22	313200 J005	041	1P	1P
031	PACS Co M SP Temp . SENRT		PBT.-	-	P629	TP2SS-38	1		1		HPSVMCB2	22	313200 J005	031	1P	1P
042	PACS Co M SP Temp . DRV		PBT.-	-	P629	TP2SS-38	1		2		HPSVMCB2	22	313200 J005	042	1P	1P
032	PACS Co M SP Temp . DRVRT		PBT.-	-	P629	TP2SS-38	1		2		HPSVMCB2	22	313200 J005	032	1P	1P
033	PACS Co M SP Temp . SH629		PBT.-	-	P629	TP2SS-38	1			CS-P629	HPSVMCB2	22	313200 J005	033	1P	1P
-																
090	PACS Co M EV Temp . SENS		PBT.-	-	P630	TP2SS-38	2		3		HPSVMCB2	22	313200 J005	090	1P	1P
082	PACS Co M EV Temp . SENRT		PBT.-	-	P630	TP2SS-38	2		3		HPSVMCB2	22	313200 J005	082	1P	1P
091	PACS Co M EV Temp . DRV		PBT.-	-	P630	TP2SS-38	2		4		HPSVMCB2	22	313200 J005	091	1P	1P
083	PACS Co M EV Temp . DRVRT		PBT.-	-	P630	TP2SS-38	2		4		HPSVMCB2	22	313200 J005	083	1P	1P
084	PACS Co M EV Temp . SH630		PBT.-	-	P630	TP2SS-38	2			CS-P630	HPSVMCB2	22	313200 J005	084	1P	1P
-																
088	PACS Co M HSP Pump Temp . SENS		PBT.-	-	P631	TP2SS-38	3		5		HPSVMCB2	22	313200 J005	088	1P	1P
080	PACS Co M HSP Pump Temp . SENRT		PBT.-	-	P631	TP2SS-38	3		5		HPSVMCB2	22	313200 J005	080	1P	1P
089	PACS Co M HSP Pump Temp . DRV		PBT.-	-	P631	TP2SS-38	3		6		HPSVMCB2	22	313200 J005	089	1P	1P
081	PACS Co M HSP Pump Temp . DRVRT		PBT.-	-	P631	TP2SS-38	3		6		HPSVMCB2	22	313200 J005	081	1P	1P
087	PACS Co M HSP Pump Temp . SH631		PBT.-	-	P631	TP2SS-38	3			CS-P631	HPSVMCB2	22	313200 J005	087	1P	1P
-																
070	PACS Co M HSE Pump Temp . SENS		PBT.-	-	P632	TP2SS-38	4		7		HPSVMCB2	22	313200 J005	070	1P	1P
060	PACS Co M HSE Pump Temp . SENRT		PBT.-	-	P632	TP2SS-38	4		7		HPSVMCB2	22	313200 J005	060	1P	1P
071	PACS Co M HSE Pump Temp . DRV		PBT.-	-	P632	TP2SS-38	4		8		HPSVMCB2	22	313200 J005	071	1P	1P
061	PACS Co M HSE Pump Temp . DRVRT		PBT.-	-	P632	TP2SS-38	4		8		HPSVMCB2	22	313200 J005	061	1P	1P
069	PACS Co M HSE Pump Temp . SH632		PBT.-	-	P632	TP2SS-38	4			CS-P632	HPSVMCB2	22	313200 J005	069	1P	1P
-																
049	PACS CO M Shunt Temp . SENS		PBT.-	-	P633	TP2SS-38	5		9		HPSVMCB2	22	313200 J005	049	1P	1P
039	PACS CO M Shunt Temp . SENRT		PBT.-	-	P633	TP2SS-38	5		9		HPSVMCB2	22	313200 J005	039	1P	1P
050	PACS CO M Shunt Temp . DRV		PBT.-	-	P633	TP2SS-38	5		A		HPSVMCB2	22	313200 J005	050	1P	1P
040	PACS CO M Shunt Temp . DRVRT		PBT.-	-	P633	TP2SS-38	5		A		HPSVMCB2	22	313200 J005	040	1P	1P
048	PACS CO M Shunt Temp . SH633		PBT.-	-	P633	TP2SS-38	5			CS-P633	HPSVMCB2	22	313200 J005	048	1P	1P
-																
073	PACS CO M Heat . SPSEN		PBH.-	-	P634	TP6BS-30	6		B		HPSVMCB2	22	313200 J005	073	1P	1P
063	PACS CO M Heat . SPSRT		PBH.-	-	P634	TP6BS-30	6		B		HPSVMCB2	22	313200 J005	063	1P	1P
074	PACS CO M Heat . SPDRV		PBH.-	-	P634	TP6BS-30	6		C		HPSVMCB2	22	313200 J005	074	1P	1P
064	PACS CO M Heat . SPDRT		PBH.-	-	P634	TP6BS-30	6		C		HPSVMCB2	22	313200 J005	064	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P014
CVVUCR

Function / Bundle: SIH-XP-11 (629-634;641-644)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
075	PACS CO M Heat . HSESE		PBH.-	-	P634	TP6BS-30	6		D		HPSVMCB2	22	313200 J005	075	1P	1P
065	PACS CO M Heat . HSESR		PBH.-	-	P634	TP6BS-30	6		D		HPSVMCB2	22	313200 J005	065	1P	1P
076	PACS CO M Heat . HSEDEV		PBH.-	-	P634	TP6BS-30	6		E		HPSVMCB2	22	313200 J005	076	1P	1P
066	PACS CO M Heat . HSEDR		PBH.-	-	P634	TP6BS-30	6		E		HPSVMCB2	22	313200 J005	066	1P	1P
052	PACS CO M Heat . HSPSE		PBH.-	-	P634	TP6BS-30	6		F		HPSVMCB2	22	313200 J005	052	1P	1P
053	PACS CO M Heat . HSPSR		PBH.-	-	P634	TP6BS-30	6		F		HPSVMCB2	22	313200 J005	053	1P	1P
054	PACS CO M Heat . HSPDV		PBH.-	-	P634	TP6BS-30	6		G		HPSVMCB2	22	313200 J005	054	1P	1P
055	PACS CO M Heat . HSPDR		PBH.-	-	P634	TP6BS-30	6		G		HPSVMCB2	22	313200 J005	055	1P	1P
045	PACS CO M Heat . SH634		PBH.-	-	P634	TP6BS-30	6			CS-P634	HPSVMCB2	22	313200 J005	045	1P	1P
-																
018	PACS FPU 1 M Temp . SENS		PBT.-	-	P641	TP2SS-38	7		H		HPSVMCB2	22	313200 J005	018	1P	1P
010	PACS FPU 1 M Temp . SENRT		PBT.-	-	P641	TP2SS-38	7		H		HPSVMCB2	22	313200 J005	010	1P	1P
019	PACS FPU 1 M Temp . DRV		PBT.-	-	P641	TP2SS-38	7		J		HPSVMCB2	22	313200 J005	019	1P	1P
011	PACS FPU 1 M Temp . DRVRT		PBT.-	-	P641	TP2SS-38	7		J		HPSVMCB2	22	313200 J005	011	1P	1P
017	PACS FPU 1 M Temp . SH641		PBT.-	-	P641	TP2SS-38	7			CS-P641	HPSVMCB2	22	313200 J005	017	1P	1P
-																
029	PACS FPU 2 M Temp . SENS		PBT.-	-	P642	TP2SS-38	8		K		HPSVMCB2	22	313200 J005	029	1P	1P
020	PACS FPU 2 M Temp . SENRT		PBT.-	-	P642	TP2SS-38	8		K		HPSVMCB2	22	313200 J005	020	1P	1P
030	PACS FPU 2 M Temp . DRV		PBT.-	-	P642	TP2SS-38	8		L		HPSVMCB2	22	313200 J005	030	1P	1P
021	PACS FPU 2 M Temp . DRVRT		PBT.-	-	P642	TP2SS-38	8		L		HPSVMCB2	22	313200 J005	021	1P	1P
028	PACS FPU 2 M Temp . SH642		PBT.-	-	P642	TP2SS-38	8			CS-P642	HPSVMCB2	22	313200 J005	028	1P	1P
-																
004	PACS FPU M Struc Temp . SENS		PBT.-	-	P643	TP2SS-38	9		M		HPSVMCB2	22	313200 J005	004	1P	1P
005	PACS FPU M Struc Temp . SENRT		PBT.-	-	P643	TP2SS-38	9		M		HPSVMCB2	22	313200 J005	005	1P	1P
006	PACS FPU M Struc Temp . DRV		PBT.-	-	P643	TP2SS-38	9		N		HPSVMCB2	22	313200 J005	006	1P	1P
007	PACS FPU M Struc Temp . DRVRT		PBT.-	-	P643	TP2SS-38	9		N		HPSVMCB2	22	313200 J005	007	1P	1P
003	PACS FPU M Struc Temp . SH643		PBT.-	-	P643	TP2SS-38	9			CS-P643	HPSVMCB2	22	313200 J005	003	1P	1P
-																
023	PACS FPU M Heat . SENS		PBF.-	-	P644	TP2BS-30	10		P		HPSVMCB2	22	313200 J005	023	1P	1P
014	PACS FPU M Heat . SENRT		PBF.-	-	P644	TP2BS-30	10		P		HPSVMCB2	22	313200 J005	014	1P	1P
024	PACS FPU M Heat . DRV		PBF.-	-	P644	TP2BS-30	10		Q		HPSVMCB2	22	313200 J005	024	1P	1P
015	PACS FPU M Heat . DRVRT		PBF.-	-	P644	TP2BS-30	10		Q		HPSVMCB2	22	313200 J005	015	1P	1P
013	PACS FPU M Heat . SH644		PBF.-	-	P644	TP2BS-30	10			CS-P644	HPSVMCB2	22	313200 J005	013	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313200 J005
HPSVMCB2

Function / Bundle: SIH-XP-11 (629-634;641-644)

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.											1P	1P
041	PACS Co M SP Temp . SENS		PBT.-	-	P629	TP2SS-38	1		1		CVWUCR	33	211121 P014	041	1P	1P
031	PACS Co M SP Temp . SENRT		PBT.-	-	P629	TP2SS-38	1		1		CVWUCR	33	211121 P014	031	1P	1P
042	PACS Co M SP Temp . DRV		PBT.-	-	P629	TP2SS-38	1		2		CVWUCR	33	211121 P014	042	1P	1P
032	PACS Co M SP Temp . DRVRT		PBT.-	-	P629	TP2SS-38	1		2		CVWUCR	33	211121 P014	032	1P	1P
033	PACS Co M SP Temp . SH629		PBT.-	-	P629	TP2SS-38	1			CS-P629	CVWUCR	33	211121 P014	033	1P	1P
-																
090	PACS Co M EV Temp . SENS		PBT.-	-	P630	TP2SS-38	2		3		CVWUCR	33	211121 P014	090	1P	1P
082	PACS Co M EV Temp . SENRT		PBT.-	-	P630	TP2SS-38	2		3		CVWUCR	33	211121 P014	082	1P	1P
091	PACS Co M EV Temp . DRV		PBT.-	-	P630	TP2SS-38	2		4		CVWUCR	33	211121 P014	091	1P	1P
083	PACS Co M EV Temp . DRVRT		PBT.-	-	P630	TP2SS-38	2		4		CVWUCR	33	211121 P014	083	1P	1P
084	PACS Co M EV Temp . SH630		PBT.-	-	P630	TP2SS-38	2			CS-P630	CVWUCR	33	211121 P014	084	1P	1P
-																
088	PACS Co M HSP Pump Temp . SENS		PBT.-	-	P631	TP2SS-38	3		5		CVWUCR	33	211121 P014	088	1P	1P
080	PACS Co M HSP Pump Temp . SENRT		PBT.-	-	P631	TP2SS-38	3		5		CVWUCR	33	211121 P014	080	1P	1P
089	PACS Co M HSP Pump Temp . DRV		PBT.-	-	P631	TP2SS-38	3		6		CVWUCR	33	211121 P014	089	1P	1P
081	PACS Co M HSP Pump Temp . DRVRT		PBT.-	-	P631	TP2SS-38	3		6		CVWUCR	33	211121 P014	081	1P	1P
087	PACS Co M HSP Pump Temp . SH631		PBT.-	-	P631	TP2SS-38	3			CS-P631	CVWUCR	33	211121 P014	087	1P	1P
-																
070	PACS Co M HSE Pump Temp . SENS		PBT.-	-	P632	TP2SS-38	4		7		CVWUCR	33	211121 P014	070	1P	1P
060	PACS Co M HSE Pump Temp . SENRT		PBT.-	-	P632	TP2SS-38	4		7		CVWUCR	33	211121 P014	060	1P	1P
071	PACS Co M HSE Pump Temp . DRV		PBT.-	-	P632	TP2SS-38	4		8		CVWUCR	33	211121 P014	071	1P	1P
061	PACS Co M HSE Pump Temp . DRVRT		PBT.-	-	P632	TP2SS-38	4		8		CVWUCR	33	211121 P014	061	1P	1P
069	PACS Co M HSE Pump Temp . SH632		PBT.-	-	P632	TP2SS-38	4			CS-P632	CVWUCR	33	211121 P014	069	1P	1P
-																
049	PACS CO M Shunt Temp . SENS		PBT.-	-	P633	TP2SS-38	5		9		CVWUCR	33	211121 P014	049	1P	1P
039	PACS CO M Shunt Temp . SENRT		PBT.-	-	P633	TP2SS-38	5		9		CVWUCR	33	211121 P014	039	1P	1P
050	PACS CO M Shunt Temp . DRV		PBT.-	-	P633	TP2SS-38	5		A		CVWUCR	33	211121 P014	050	1P	1P
040	PACS CO M Shunt Temp . DRVRT		PBT.-	-	P633	TP2SS-38	5		A		CVWUCR	33	211121 P014	040	1P	1P
048	PACS CO M Shunt Temp . SH633		PBT.-	-	P633	TP2SS-38	5			CS-P633	CVWUCR	33	211121 P014	048	1P	1P
-																
073	PACS CO M Heat . SPSEN		PBH.-	-	P634	TP6BS-30	6		B		CVWUCR	33	211121 P014	073	1P	1P
063	PACS CO M Heat . SPSRT		PBH.-	-	P634	TP6BS-30	6		B		CVWUCR	33	211121 P014	063	1P	1P
074	PACS CO M Heat . SPDRV		PBH.-	-	P634	TP6BS-30	6		C		CVWUCR	33	211121 P014	074	1P	1P
064	PACS CO M Heat . SPDRT		PBH.-	-	P634	TP6BS-30	6		C		CVWUCR	33	211121 P014	064	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J005
 HPSVMCB2

Function / Bundle: SIH-XP-11 (629-634;641-644)

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.											1P	1P
075	PACS CO M Heat . HSESE		PBH.-	-	P634	TP6BS-30	6		D		CVWUCR	33	211121 P014	075	1P	1P
065	PACS CO M Heat . HSESR		PBH.-	-	P634	TP6BS-30	6		D		CVWUCR	33	211121 P014	065	1P	1P
076	PACS CO M Heat . HSEDV		PBH.-	-	P634	TP6BS-30	6		E		CVWUCR	33	211121 P014	076	1P	1P
066	PACS CO M Heat . HSEDR		PBH.-	-	P634	TP6BS-30	6		E		CVWUCR	33	211121 P014	066	1P	1P
052	PACS CO M Heat . HSPSE		PBH.-	-	P634	TP6BS-30	6		F		CVWUCR	33	211121 P014	052	1P	1P
053	PACS CO M Heat . HSPSR		PBH.-	-	P634	TP6BS-30	6		F		CVWUCR	33	211121 P014	053	1P	1P
054	PACS CO M Heat . HSPDV		PBH.-	-	P634	TP6BS-30	6		G		CVWUCR	33	211121 P014	054	1P	1P
055	PACS CO M Heat . HSPDR		PBH.-	-	P634	TP6BS-30	6		G		CVWUCR	33	211121 P014	055	1P	1P
045	PACS CO M Heat . SH634		PBH.-	-	P634	TP6BS-30	6			CS-P634	CVWUCR	33	211121 P014	045	1P	1P
-																
018	PACS FPU 1 M Temp . SENS		PBT.-	-	P641	TP2SS-38	7		H		CVWUCR	33	211121 P014	018	1P	1P
010	PACS FPU 1 M Temp . SENRT		PBT.-	-	P641	TP2SS-38	7		H		CVWUCR	33	211121 P014	010	1P	1P
019	PACS FPU 1 M Temp . DRV		PBT.-	-	P641	TP2SS-38	7		J		CVWUCR	33	211121 P014	019	1P	1P
011	PACS FPU 1 M Temp . DRVRT		PBT.-	-	P641	TP2SS-38	7		J		CVWUCR	33	211121 P014	011	1P	1P
017	PACS FPU 1 M Temp . SH641		PBT.-	-	P641	TP2SS-38	7			CS-P641	CVWUCR	33	211121 P014	017	1P	1P
-																
029	PACS FPU 2 M Temp . SENS		PBT.-	-	P642	TP2SS-38	8		K		CVWUCR	33	211121 P014	029	1P	1P
020	PACS FPU 2 M Temp . SENRT		PBT.-	-	P642	TP2SS-38	8		K		CVWUCR	33	211121 P014	020	1P	1P
030	PACS FPU 2 M Temp . DRV		PBT.-	-	P642	TP2SS-38	8		L		CVWUCR	33	211121 P014	030	1P	1P
021	PACS FPU 2 M Temp . DRVRT		PBT.-	-	P642	TP2SS-38	8		L		CVWUCR	33	211121 P014	021	1P	1P
028	PACS FPU 2 M Temp . SH642		PBT.-	-	P642	TP2SS-38	8			CS-P642	CVWUCR	33	211121 P014	028	1P	1P
-																
004	PACS FPU M Struc Temp . SENS		PBT.-	-	P643	TP2SS-38	9		M		CVWUCR	33	211121 P014	004	1P	1P
005	PACS FPU M Struc Temp . SENRT		PBT.-	-	P643	TP2SS-38	9		M		CVWUCR	33	211121 P014	005	1P	1P
006	PACS FPU M Struc Temp . DRV		PBT.-	-	P643	TP2SS-38	9		N		CVWUCR	33	211121 P014	006	1P	1P
007	PACS FPU M Struc Temp . DRVRT		PBT.-	-	P643	TP2SS-38	9		N		CVWUCR	33	211121 P014	007	1P	1P
003	PACS FPU M Struc Temp . SH643		PBT.-	-	P643	TP2SS-38	9			CS-P643	CVWUCR	33	211121 P014	003	1P	1P
-																
023	PACS FPU M Heat . SENS		PBF.-	-	P644	TP2BS-30	10		P		CVWUCR	33	211121 P014	023	1P	1P
014	PACS FPU M Heat . SENRT		PBF.-	-	P644	TP2BS-30	10		P		CVWUCR	33	211121 P014	014	1P	1P
024	PACS FPU M Heat . DRV		PBF.-	-	P644	TP2BS-30	10		Q		CVWUCR	33	211121 P014	024	1P	1P
015	PACS FPU M Heat . DRVRT		PBF.-	-	P644	TP2BS-30	10		Q		CVWUCR	33	211121 P014	015	1P	1P
013	PACS FPU M Heat . SH644		PBF.-	-	P644	TP2BS-30	10			CS-P644	CVWUCR	33	211121 P014	013	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 211121 P015
 CVVUCR

Function / Bundle: SIH-XP-12 (635-640;645-648)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
041	PACS Co R SP Temp . SENS		PBT.-	-	P635	TP2SS-38	1		1		HPSVMCB2	22	313200 J007	041	1P	1P
031	PACS Co R SP Temp . SENRT		PBT.-	-	P635	TP2SS-38	1		1		HPSVMCB2	22	313200 J007	031	1P	1P
042	PACS Co R SP Temp . DRV		PBT.-	-	P635	TP2SS-38	1		2		HPSVMCB2	22	313200 J007	042	1P	1P
032	PACS Co R SP Temp . DRVRT		PBT.-	-	P635	TP2SS-38	1		2		HPSVMCB2	22	313200 J007	032	1P	1P
033	PACS Co R SP Temp . SH635		PBT.-	-	P635	TP2SS-38	1			CS-P635	HPSVMCB2	22	313200 J007	033	1P	1P
-																
090	PACS Co R EV Temp . SENS		PBT.-	-	P636	TP2SS-38	2		3		HPSVMCB2	22	313200 J007	090	1P	1P
082	PACS Co R EV Temp . SENRT		PBT.-	-	P636	TP2SS-38	2		3		HPSVMCB2	22	313200 J007	082	1P	1P
091	PACS Co R EV Temp . DRV		PBT.-	-	P636	TP2SS-38	2		4		HPSVMCB2	22	313200 J007	091	1P	1P
083	PACS Co R EV Temp . DRVRT		PBT.-	-	P636	TP2SS-38	2		4		HPSVMCB2	22	313200 J007	083	1P	1P
084	PACS Co R EV Temp . SH636		PBT.-	-	P636	TP2SS-38	2			CS-P636	HPSVMCB2	22	313200 J007	084	1P	1P
-																
088	PACS Co R HSP Pump Temp . SENS		PBT.-	-	P637	TP2SS-38	3		5		HPSVMCB2	22	313200 J007	088	1P	1P
080	PACS Co R HSP Pump Temp . SENRT		PBT.-	-	P637	TP2SS-38	3		5		HPSVMCB2	22	313200 J007	080	1P	1P
089	PACS Co R HSP Pump Temp . DRV		PBT.-	-	P637	TP2SS-38	3		6		HPSVMCB2	22	313200 J007	089	1P	1P
081	PACS Co R HSP Pump Temp . DRVRT		PBT.-	-	P637	TP2SS-38	3		6		HPSVMCB2	22	313200 J007	081	1P	1P
087	PACS Co R HSP Pump Temp . SH637		PBT.-	-	P637	TP2SS-38	3			CS-P637	HPSVMCB2	22	313200 J007	087	1P	1P
-																
070	PACS Co R HSE Pump Temp . SENS		PBT.-	-	P638	TP2SS-38	4		7		HPSVMCB2	22	313200 J007	070	1P	1P
060	PACS Co R HSE Pump Temp . SENRT		PBT.-	-	P638	TP2SS-38	4		7		HPSVMCB2	22	313200 J007	060	1P	1P
071	PACS Co R HSE Pump Temp . DRV		PBT.-	-	P638	TP2SS-38	4		8		HPSVMCB2	22	313200 J007	071	1P	1P
061	PACS Co R HSE Pump Temp . DRVRT		PBT.-	-	P638	TP2SS-38	4		8		HPSVMCB2	22	313200 J007	061	1P	1P
069	PACS Co R HSE Pump Temp . SH638		PBT.-	-	P638	TP2SS-38	4			CS-P638	HPSVMCB2	22	313200 J007	069	1P	1P
-																
049	PACS Co R Shunt Temp . SENS		PBT.-	-	P639	TP2SS-38	5		9		HPSVMCB2	22	313200 J007	049	1P	1P
039	PACS Co R Shunt Temp . SENRT		PBT.-	-	P639	TP2SS-38	5		9		HPSVMCB2	22	313200 J007	039	1P	1P
050	PACS Co R Shunt Temp . DRV		PBT.-	-	P639	TP2SS-38	5		A		HPSVMCB2	22	313200 J007	050	1P	1P
040	PACS Co R Shunt Temp . DRVRT		PBT.-	-	P639	TP2SS-38	5		A		HPSVMCB2	22	313200 J007	040	1P	1P
048	PACS Co R Shunt Temp . SH639		PBT.-	-	P639	TP2SS-38	5			CS-P639	HPSVMCB2	22	313200 J007	048	1P	1P
-																
073	PACS R Heat . SPSEN		PBH.-	-	P640	TP6BS-30	6		B		HPSVMCB2	22	313200 J007	073	1P	1P
063	PACS R Heat . SPSEB		PBH.-	-	P640	TP6BS-30	6		B		HPSVMCB2	22	313200 J007	063	1P	1P
074	PACS R Heat . SPDRV		PBH.-	-	P640	TP6BS-30	6		C		HPSVMCB2	22	313200 J007	074	1P	1P
064	PACS R Heat . SPDRT		PBH.-	-	P640	TP6BS-30	6		C		HPSVMCB2	22	313200 J007	064	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P015
CVVUCR

Function / Bundle: SIH-XP-12 (635-640;645-648)

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

Backshell: G9254 F22 M / M22-02

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
075	PACS R Heat . HSESE		PBH.-	-	P640	TP6BS-30	6		D		HPSVMCB2	22	313200 J007	075	1P	1P
065	PACS R Heat . HSERT		PBH.-	-	P640	TP6BS-30	6		D		HPSVMCB2	22	313200 J007	065	1P	1P
076	PACS R Heat . HSEDEV		PBH.-	-	P640	TP6BS-30	6		E		HPSVMCB2	22	313200 J007	076	1P	1P
066	PACS R Heat . HSEDR		PBH.-	-	P640	TP6BS-30	6		E		HPSVMCB2	22	313200 J007	066	1P	1P
052	PACS R Heat . HSPSE		PBH.-	-	P640	TP6BS-30	6		F		HPSVMCB2	22	313200 J007	052	1P	1P
053	PACS R Heat . HSPSR		PBH.-	-	P640	TP6BS-30	6		F		HPSVMCB2	22	313200 J007	053	1P	1P
054	PACS R Heat . HSPDV		PBH.-	-	P640	TP6BS-30	6		G		HPSVMCB2	22	313200 J007	054	1P	1P
055	PACS R Heat . HSPDR		PBH.-	-	P640	TP6BS-30	6		G		HPSVMCB2	22	313200 J007	055	1P	1P
045	PACS R Heat . SH640		PBH.-	-	P640	TP6BS-30	6			CS-P640	HPSVMCB2	22	313200 J007	045	1P	1P
-																
018	PACS FPU 1 R Temp . SENS		PBT.-	-	P645	TP2SS-38	7		H		HPSVMCB2	22	313200 J007	018	1P	1P
010	PACS FPU 1 R Temp . SENRT		PBT.-	-	P645	TP2SS-38	7		H		HPSVMCB2	22	313200 J007	010	1P	1P
019	PACS FPU 1 R Temp . DRV		PBT.-	-	P645	TP2SS-38	7		J		HPSVMCB2	22	313200 J007	019	1P	1P
011	PACS FPU 1 R Temp . DRVRT		PBT.-	-	P645	TP2SS-38	7		J		HPSVMCB2	22	313200 J007	011	1P	1P
017	PACS FPU 1 R Temp . SH645		PBT.-	-	P645	TP2SS-38	7			CS-P645	HPSVMCB2	22	313200 J007	017	1P	1P
-																
029	PACS FPU2 R Temp . SENS		PBT.-	-	P646	TP2SS-38	8		K		HPSVMCB2	22	313200 J007	029	1P	1P
020	PACS FPU2 R Temp . SENRT		PBT.-	-	P646	TP2SS-38	8		K		HPSVMCB2	22	313200 J007	020	1P	1P
030	PACS FPU2 R Temp . DRV		PBT.-	-	P646	TP2SS-38	8		L		HPSVMCB2	22	313200 J007	030	1P	1P
021	PACS FPU2 R Temp . DRVRT		PBT.-	-	P646	TP2SS-38	8		L		HPSVMCB2	22	313200 J007	021	1P	1P
028	PACS FPU2 R Temp . SH646		PBT.-	-	P646	TP2SS-38	8			CS-P646	HPSVMCB2	22	313200 J007	028	1P	1P
-																
004	PACS FPU R Struc Temp . SENS		PBT.-	-	P647	TP2SS-38	9		M		HPSVMCB2	22	313200 J007	004	1P	1P
005	PACS FPU R Struc Temp . SENRT		PBT.-	-	P647	TP2SS-38	9		M		HPSVMCB2	22	313200 J007	005	1P	1P
006	PACS FPU R Struc Temp . DRV		PBT.-	-	P647	TP2SS-38	9		N		HPSVMCB2	22	313200 J007	006	1P	1P
007	PACS FPU R Struc Temp . DRVRT		PBT.-	-	P647	TP2SS-38	9		N		HPSVMCB2	22	313200 J007	007	1P	1P
003	PACS FPU R Struc Temp . SH647		PBT.-	-	P647	TP2SS-38	9			CS-P647	HPSVMCB2	22	313200 J007	003	1P	1P
-																2C
023	PACS FPU R Heat . SENS		PBF.-	-	P648	TP2BS-30	10		P		HPSVMCB2	22	313200 J007	023	1P	1P
014	PACS FPU R Heat . SENRT		PBF.-	-	P648	TP2BS-30	10		P		HPSVMCB2	22	313200 J007	014	1P	1P
024	PACS FPU R Heat . DRV		PBF.-	-	P648	TP2BS-30	10		Q		HPSVMCB2	22	313200 J007	024	1P	1P
015	PACS FPU R Heat . DRVRT		PBF.-	-	P648	TP2BS-30	10		Q		HPSVMCB2	22	313200 J007	015	1P	1P
013	PACS FPU R Heat . SH648		PBF.-	-	P648	TP2BS-30	10			CS-P648	HPSVMCB2	22	313200 J007	013	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313200 J007
 HPSVMCB2

Function / Bundle: SIH-XP-12 (635-640;645-648)

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.											1P	1P
041	PACS Co R SP Temp . SENS		PBT.-	-	P635	TP2SS-38	1		1		CVWUCR	33	211121 P015	041	1P	1P
031	PACS Co R SP Temp . SENRT		PBT.-	-	P635	TP2SS-38	1		1		CVWUCR	33	211121 P015	031	1P	1P
042	PACS Co R SP Temp . DRV		PBT.-	-	P635	TP2SS-38	1		2		CVWUCR	33	211121 P015	042	1P	1P
032	PACS Co R SP Temp . DRVRT		PBT.-	-	P635	TP2SS-38	1		2		CVWUCR	33	211121 P015	032	1P	1P
033	PACS Co R SP Temp . SH635		PBT.-	-	P635	TP2SS-38	1			CS-P635	CVWUCR	33	211121 P015	033	1P	1P
-																
090	PACS Co R EV Temp . SENS		PBT.-	-	P636	TP2SS-38	2		3		CVWUCR	33	211121 P015	090	1P	1P
082	PACS Co R EV Temp . SENRT		PBT.-	-	P636	TP2SS-38	2		3		CVWUCR	33	211121 P015	082	1P	1P
091	PACS Co R EV Temp . DRV		PBT.-	-	P636	TP2SS-38	2		4		CVWUCR	33	211121 P015	091	1P	1P
083	PACS Co R EV Temp . DRVRT		PBT.-	-	P636	TP2SS-38	2		4		CVWUCR	33	211121 P015	083	1P	1P
084	PACS Co R EV Temp . SH636		PBT.-	-	P636	TP2SS-38	2			CS-P636	CVWUCR	33	211121 P015	084	1P	1P
-																2C
088	PACS Co R HSP Pump Temp . SENS		PBT.-	-	P637	TP2SS-38	2		5		CVWUCR	33	211121 P015	088	1P	1P
080	PACS Co R HSP Pump Temp . SENRT		PBT.-	-	P637	TP2SS-38	2		5		CVWUCR	33	211121 P015	080	1P	1P
089	PACS Co R HSP Pump Temp . DRV		PBT.-	-	P637	TP2SS-38	2		6		CVWUCR	33	211121 P015	089	1P	1P
081	PACS Co R HSP Pump Temp . DRVRT		PBT.-	-	P637	TP2SS-38	2		6		CVWUCR	33	211121 P015	081	1P	1P
087	PACS Co R HSP Pump Temp . SH637		PBT.-	-	P637	TP2SS-38	2			CS-P637	CVWUCR	33	211121 P015	087	1P	1P
-																
070	PACS Co R HSE Pump Temp . SENS		PBT.-	-	P638	TP2SS-38	3		7		CVWUCR	33	211121 P015	070	1P	1P
060	PACS Co R HSE Pump Temp . SENRT		PBT.-	-	P638	TP2SS-38	3		7		CVWUCR	33	211121 P015	060	1P	1P
071	PACS Co R HSE Pump Temp . DRV		PBT.-	-	P638	TP2SS-38	3		8		CVWUCR	33	211121 P015	071	1P	1P
061	PACS Co R HSE Pump Temp . DRVRT		PBT.-	-	P638	TP2SS-38	3		8		CVWUCR	33	211121 P015	061	1P	1P
069	PACS Co R HSE Pump Temp . SH638		PBT.-	-	P638	TP2SS-38	3			CS-P638	CVWUCR	33	211121 P015	069	1P	1P
-																
049	PACS Co R Shunt Temp . SENS		PBT.-	-	P639	TP2SS-38	4		9		CVWUCR	33	211121 P015	049	1P	1P
039	PACS Co R Shunt Temp . SENRT		PBT.-	-	P639	TP2SS-38	4		9		CVWUCR	33	211121 P015	039	1P	1P
050	PACS Co R Shunt Temp . DRV		PBT.-	-	P639	TP2SS-38	4		A		CVWUCR	33	211121 P015	050	1P	1P
040	PACS Co R Shunt Temp . DRVRT		PBT.-	-	P639	TP2SS-38	4		A		CVWUCR	33	211121 P015	040	1P	1P
048	PACS Co R Shunt Temp . SH639		PBT.-	-	P639	TP2SS-38	4			CS-P639	CVWUCR	33	211121 P015	048	1P	1P
-																
073	PACS R Heat . SPSEN		PBH.-	-	P640	TP6BS-30	5		B		CVWUCR	33	211121 P015	073	1P	1P
063	PACS R Heat . SPSEB		PBH.-	-	P640	TP6BS-30	5		B		CVWUCR	33	211121 P015	063	1P	1P
074	PACS R Heat . SPDRV		PBH.-	-	P640	TP6BS-30	5		C		CVWUCR	33	211121 P015	074	1P	1P
064	PACS R Heat . SPDRT		PBH.-	-	P640	TP6BS-30	5		C		CVWUCR	33	211121 P015	064	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 J007
HPSVMCB2

Function / Bundle: SIH-XP-12 (635-640;645-648)

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.											1P	1P
075	PACS R Heat . HSESE		PBH.-	-	P640	TP6BS-30	5		D		CVWUCR	33	211121 P015	075	1P	1P
065	PACS R Heat . HSERT		PBH.-	-	P640	TP6BS-30	5		D		CVWUCR	33	211121 P015	065	1P	1P
076	PACS R Heat . HSEDEV		PBH.-	-	P640	TP6BS-30	5		E		CVWUCR	33	211121 P015	076	1P	1P
066	PACS R Heat . HSEDR		PBH.-	-	P640	TP6BS-30	5		E		CVWUCR	33	211121 P015	066	1P	1P
052	PACS R Heat . HSPSE		PBH.-	-	P640	TP6BS-30	5		F		CVWUCR	33	211121 P015	052	1P	1P
053	PACS R Heat . HSPSR		PBH.-	-	P640	TP6BS-30	5		F		CVWUCR	33	211121 P015	053	1P	1P
054	PACS R Heat . HSPDV		PBH.-	-	P640	TP6BS-30	5		G		CVWUCR	33	211121 P015	054	1P	1P
055	PACS R Heat . HSPDR		PBH.-	-	P640	TP6BS-30	5		G		CVWUCR	33	211121 P015	055	1P	1P
045	PACS R Heat . SH640		PBH.-	-	P640	TP6BS-30	5			CS-P640	CVWUCR	33	211121 P015	045	1P	1P
-																
018	PACS FPU 1 R Temp . SENS		PBT.-	-	P645	TP2SS-38	6		H		CVWUCR	33	211121 P015	018	1P	1P
010	PACS FPU 1 R Temp . SENRT		PBT.-	-	P645	TP2SS-38	6		H		CVWUCR	33	211121 P015	010	1P	1P
019	PACS FPU 1 R Temp . DRV		PBT.-	-	P645	TP2SS-38	6		J		CVWUCR	33	211121 P015	019	1P	1P
011	PACS FPU 1 R Temp . DRVRT		PBT.-	-	P645	TP2SS-38	6		J		CVWUCR	33	211121 P015	011	1P	1P
017	PACS FPU 1 R Temp . SH645		PBT.-	-	P645	TP2SS-38	6			CS-P645	CVWUCR	33	211121 P015	017	1P	1P
-																
029	PACS FPU2 R Temp . SENS		PBT.-	-	P646	TP2SS-38	7		K		CVWUCR	33	211121 P015	029	1P	1P
020	PACS FPU2 R Temp . SENRT		PBT.-	-	P646	TP2SS-38	7		K		CVWUCR	33	211121 P015	020	1P	1P
030	PACS FPU2 R Temp . DRV		PBT.-	-	P646	TP2SS-38	7		L		CVWUCR	33	211121 P015	030	1P	1P
021	PACS FPU2 R Temp . DRVRT		PBT.-	-	P646	TP2SS-38	7		L		CVWUCR	33	211121 P015	021	1P	1P
028	PACS FPU2 R Temp . SH646		PBT.-	-	P646	TP2SS-38	7			CS-P646	CVWUCR	33	211121 P015	028	1P	1P
-																
004	PACS FPU R Struc Temp . SENS		PBT.-	-	P647	TP2SS-38	8		M		CVWUCR	33	211121 P015	004	1P	1P
005	PACS FPU R Struc Temp . SENRT		PBT.-	-	P647	TP2SS-38	8		M		CVWUCR	33	211121 P015	005	1P	1P
006	PACS FPU R Struc Temp . DRV		PBT.-	-	P647	TP2SS-38	8		N		CVWUCR	33	211121 P015	006	1P	1P
007	PACS FPU R Struc Temp . DRVRT		PBT.-	-	P647	TP2SS-38	8		N		CVWUCR	33	211121 P015	007	1P	1P
003	PACS FPU R Struc Temp . SH647		PBT.-	-	P647	TP2SS-38	8			CS-P647	CVWUCR	33	211121 P015	003	1P	1P
-																
023	PACS FPU R Heat . SENS		PBF.-	-	P648	TP2BS-30	9		P		CVWUCR	33	211121 P015	023	1P	1P
014	PACS FPU R Heat . SENRT		PBF.-	-	P648	TP2BS-30	9		P		CVWUCR	33	211121 P015	014	1P	1P
024	PACS FPU R Heat . DRV		PBF.-	-	P648	TP2BS-30	9		Q		CVWUCR	33	211121 P015	024	1P	1P
015	PACS FPU R Heat . DRVRT		PBF.-	-	P648	TP2BS-30	9		Q		CVWUCR	33	211121 P015	015	1P	1P
013	PACS FPU R Heat . SH648		PBF.-	-	P648	TP2BS-30	9			CS-P648	CVWUCR	33	211121 P015	013	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 211121 P007
CVVUCR

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
104	PACS FW 1 Coil N . 1		PFC.-	-	P077	TP2BS-30	1		1		HPSVMCB1	28	313100 J006	104	1P	1P
092	PACS FW 1 Coil N . 1RTN		PFC.-	-	P077	TP2BS-30	1		1		HPSVMCB1	28	313100 J006	092	1P	1P
093	PACS FW 1 Coil N . 2		PFC.-	-	P077	TP2BS-30	1		2		HPSVMCB1	28	313100 J006	093	1P	1P
081	PACS FW 1 Coil N . 2RTN		PFC.-	-	P077	TP2BS-30	1		2		HPSVMCB1	28	313100 J006	081	1P	1P
080	PACS FW 1 Coil N . SH077		PFC.-	-	P077	TP2BS-30	1			CS-P077	HPSVMCB1	28	313100 J006	080	1P	1P
-																
121	PACS FW 1 HP1N . I		PFH.-	-	P078	041SS-38	2				HPSVMCB1	28	313100 J006	121	2C	2C
114	PACS FW 1 HP1N . U		PFH.-	-	P078	041SS-38	2				HPSVMCB1	28	313100 J006	114		
113	PACS FW 1 HP1N . IRTN		PFH.-	-	P078	041SS-38	2				HPSVMCB1	28	313100 J006	113	1P	
103	PACS FW 1 HP1N . URTN		PFH.-	-	P078	041SS-38	2				HPSVMCB1	28	313100 J006	103		
091	PACS FW 1 HP1N . SH078		PFH.-	-	P078	041SS-38	2			CS-P078	HPSVMCB1	28	313100 J006	091	1P	1P
-																
127	PACS FW 1 HP2N . I		PFH.-	-	P079	041SS-38	3				HPSVMCB1	28	313100 J006	127	2C	2C
128	PACS FW 1 HP2N . U		PFH.-	-	P079	041SS-38	3				HPSVMCB1	28	313100 J006	128		
120	PACS FW 1 HP2N . IRTN		PFH.-	-	P079	041SS-38	3				HPSVMCB1	28	313100 J006	120	1P	
112	PACS FW 1 HP2N . URTN		PFH.-	-	P079	041SS-38	3				HPSVMCB1	28	313100 J006	112		
101	PACS FW 1 HP2N . SH079		PFH.-	-	P079	041SS-38	3			CS-P079	HPSVMCB1	28	313100 J006	101	1P	1P
-																
077	PACS FW 1 S N . 12I		PFS.-	-	P080	081SS-38	4				HPSVMCB1	28	313100 J006	077	2C	2C
078	PACS FW 1 S N . 1U		PFS.-	-	P080	081SS-38	4				HPSVMCB1	28	313100 J006	078		
079	PACS FW 1 S N . 2U		PFS.-	-	P080	081SS-38	4				HPSVMCB1	28	313100 J006	079		
068	PACS FW 1 S N . 12IRT		PFS.-	-	P080	081SS-38	4				HPSVMCB1	28	313100 J006	068		
088	PACS FW 1 S N . 34I		PFS.-	-	P080	081SS-38	4				HPSVMCB1	28	313100 J006	088	1P	
089	PACS FW 1 S N . 3U		PFS.-	-	P080	081SS-38	4				HPSVMCB1	28	313100 J006	089		
090	PACS FW 1 S N . 4U		PFS.-	-	P080	081SS-38	4				HPSVMCB1	28	313100 J006	090		
087	PACS FW 1 S N . 34IRT		PFS.-	-	P080	081SS-38	4				HPSVMCB1	28	313100 J006	087		
076	PACS FW 1 S N . SH080		PFS.-	-	P080	081SS-38	4			CS-P080	HPSVMCB1	28	313100 J006	076	1P	1P
-																
125	PACS FW 1 TS N . I		PFT.-	-	P081	041SS-38	5				HPSVMCB1	28	313100 J006	125	2C	2C
126	PACS FW 1 TS N . U		PFT.-	-	P081	041SS-38	5				HPSVMCB1	28	313100 J006	126		
118	PACS FW 1 TS N . IRTN		PFT.-	-	P081	041SS-38	5				HPSVMCB1	28	313100 J006	118	1P	
119	PACS FW 1 TS N . URTN		PFT.-	-	P081	041SS-38	5				HPSVMCB1	28	313100 J006	119		
111	PACS FW 1 TS N . SH081		PFT.-	-	P081	041SS-38	5			CS-P081	HPSVMCB1	28	313100 J006	111	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 211121 P007
CVVUCR

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
035	PACS FW 2 Coil 1/2 No . 1		PFC.-	-	P087	TP2BS-30	6		3		HPSVMCB1	28	313100 J006	035	1P	1P
046	PACS FW 2 Coil 1/2 No . 1RTN		PFC.-	-	P087	TP2BS-30	6		3		HPSVMCB1	28	313100 J006	046	1P	1P
047	PACS FW 2 Coil 1/2 No . 2		PFC.-	-	P087	TP2BS-30	6		4		HPSVMCB1	28	313100 J006	047	1P	1P
058	PACS FW 2 Coil 1/2 No . 2RTN		PFC.-	-	P087	TP2BS-30	6		4		HPSVMCB1	28	313100 J006	058	1P	1P
057	PACS FW 2 Coil 1/2 No . SH087		PFC.-	-	P087	TP2BS-30	6			CS-P087	HPSVMCB1	28	313100 J006	057	1P	1P
-																
014	PACS FW 2 HP1N . I		PFH.-	-	P088	041SS-38	7				HPSVMCB1	28	313100 J006	014	2C	2C
024	PACS FW 2 HP1N . U		PFH.-	-	P088	041SS-38	7				HPSVMCB1	28	313100 J006	024		
023	PACS FW 2 HP1N . IRTN		PFH.-	-	P088	041SS-38	7				HPSVMCB1	28	313100 J006	023	1P	
034	PACS FW 2 HP1N . URTN		PFH.-	-	P088	041SS-38	7				HPSVMCB1	28	313100 J006	034		
045	PACS FW 2 HP1N . SH088		PFH.-	-	P088	041SS-38	7			CS-P088	HPSVMCB1	28	313100 J006	045	1P	1P
-																
006	PACS FW 2 HP2N . I		PFH.-	-	P089	041SS-38	8				HPSVMCB1	28	313100 J006	006	2C	2C
007	PACS FW 2 HP2N . U		PFH.-	-	P089	041SS-38	8				HPSVMCB1	28	313100 J006	007		
013	PACS FW 2 HP2N . IRTN		PFH.-	-	P089	041SS-38	8				HPSVMCB1	28	313100 J006	013	1P	
022	PACS FW 2 HP2N . URTN		PFH.-	-	P089	041SS-38	8				HPSVMCB1	28	313100 J006	022		
032	PACS FW 2 HP2N . SH089		PFH.-	-	P089	041SS-38	8			CS-P089	HPSVMCB1	28	313100 J006	032	1P	1P
-																
053	PACS FW 2 S N . 12I		PFS.-	-	P090	081SS-38	9				HPSVMCB1	28	313100 J006	053	2C	2C
054	PACS FW 2 S N . 1U		PFS.-	-	P090	081SS-38	9				HPSVMCB1	28	313100 J006	054		
055	PACS FW 2 S N . 2U		PFS.-	-	P090	081SS-38	9				HPSVMCB1	28	313100 J006	055		
056	PACS FW 2 S N . 12IRT		PFS.-	-	P090	081SS-38	9				HPSVMCB1	28	313100 J006	056	1P	
042	PACS FW 2 S N . 34I		PFS.-	-	P090	081SS-38	9				HPSVMCB1	28	313100 J006	042		
043	PACS FW 2 S N . 3U		PFS.-	-	P090	081SS-38	9				HPSVMCB1	28	313100 J006	043		
044	PACS FW 2 S N . 4U		PFS.-	-	P090	081SS-38	9				HPSVMCB1	28	313100 J006	044		
041	PACS FW 2 S N . 34IRT		PFS.-	-	P090	081SS-38	9				HPSVMCB1	28	313100 J006	041		
064	PACS FW 2 S N . SH090		PFS.-	-	P090	081SS-38	9			CS-P090	HPSVMCB1	28	313100 J006	064	1P	1P
-																
004	PACS FW 2 TS N . I		PFT.-	-	P091	041SS-38	10				HPSVMCB1	28	313100 J006	004	2C	2C
005	PACS FW 2 TS N . U		PFT.-	-	P091	041SS-38	10				HPSVMCB1	28	313100 J006	005		
011	PACS FW 2 TS N . IRTN		PFT.-	-	P091	041SS-38	10				HPSVMCB1	28	313100 J006	011	1P	
012	PACS FW 2 TS N . URTN		PFT.-	-	P091	041SS-38	10				HPSVMCB1	28	313100 J006	012		
021	PACS FW 2 TS N . SH091		PFT.-	-	P091	041SS-38	10			CS-P091	HPSVMCB1	28	313100 J006	021	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 211121 P007
CVVUCR

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
110	PACS Ch drv . A		PCD.-	-	P116	TP2BS-30	11	116	5		HPSVMCB1	28	313100 J006	110	1P	1P
100	PACS Ch drv . ARTN		PCD.-	-	P116	TP2BS-30	11	116	5		HPSVMCB1	28	313100 J006	100	1P	1P
109	PACS Ch drv . B		PCD.-	-	P116	TP2BS-30	11	116	6		HPSVMCB1	28	313100 J006	109	1P	1P
099	PACS Ch drv . BRTN		PCD.-	-	P116	TP2BS-30	11	116	6		HPSVMCB1	28	313100 J006	099	1P	1P
098	PACS Ch drv . SH116		PCD.-	-	P116	TP2BS-30	11	116		CS-116	HPSVMCB1	28	313100 J006	098	1P	1P
-																
123	PACS Ch drv . Ar1		PCD.-	-	P116	TP2BS-30	12	116a	7		HPSVMCB1	28	313100 J006	123	1P	1P
116	PACS Ch drv . Ar2		PCD.-	-	P116	TP2BS-30	12	116a	7		HPSVMCB1	28	313100 J006	116	1P	1P
124	PACS Ch drv . Br1		PCD.-	-	P116	TP2BS-30	12	116a	8		HPSVMCB1	28	313100 J006	124	1P	1P
117	PACS Ch drv . Br2		PCD.-	-	P116	TP2BS-30	12	116a	8		HPSVMCB1	28	313100 J006	117	1P	1P
122	PACS Ch drv . S116a		PCD.-	-	P116	TP2BS-30	12	116a		CS-116a	HPSVMCB1	28	313100 J006	122	1P	1P
-																
106	PACS Ch pos 1 . drv		PCP.-	-	P113	081SS-38	13				HPSVMCB1	28	313100 J006	106	2C	2C
106	PACS Ch pos 1 . drv		PCP.-	-	P113	081SS-38	13				HPSVMCB1	28	313100 J006	106	2C	2C
107	PACS Ch pos 1 . drsen		PCP.-	-	P113	081SS-38	13				HPSVMCB1	28	313100 J006	107	2C	2C
095	PACS Ch pos 1 . drRT		PCP.-	-	P113	081SS-38	13				HPSVMCB1	28	313100 J006	095	2C	2C
095	PACS Ch pos 1 . drRT		PCP.-	-	P113	081SS-38	13				HPSVMCB1	28	313100 J006	095	2C	2C
096	PACS Ch pos 1 . dseRT		PCP.-	-	P113	081SS-38	13				HPSVMCB1	28	313100 J006	096		
108	PACS Ch pos 1 . outA		PCP.-	-	P113	081SS-38	13				HPSVMCB1	28	313100 J006	108	1P	1P
097	PACS Ch pos 1 . outB		PCP.-	-	P113	081SS-38	13				HPSVMCB1	28	313100 J006	097		
105	PACS Ch pos 1 . SH113		PCP.-	-	P113	081SS-38	13			CS-P113	HPSVMCB1	28	313100 J006	105	1P	1P
-																
084	PACS Ch pos 2 . drv		PCP.-	-	P114	081SS-38	14				HPSVMCB1	28	313100 J006	084	2C	2C
084	PACS Ch pos 2 . drv		PCP.-	-	P114	081SS-38	14				HPSVMCB1	28	313100 J006	084	2C	2C
085	PACS Ch pos 2 . drsen		PCP.-	-	P114	081SS-38	14				HPSVMCB1	28	313100 J006	085	2C	2C
073	PACS Ch pos 2 . drRT		PCP.-	-	P114	081SS-38	14				HPSVMCB1	28	313100 J006	073	2C	2C
073	PACS Ch pos 2 . drRT		PCP.-	-	P114	081SS-38	14				HPSVMCB1	28	313100 J006	073	2C	2C
074	PACS Ch pos 2 . dseRT		PCP.-	-	P114	081SS-38	14				HPSVMCB1	28	313100 J006	074		
086	PACS Ch pos 2 . outA		PCP.-	-	P114	081SS-38	14				HPSVMCB1	28	313100 J006	086	1P	1P
075	PACS Ch pos 2 . outB		PCP.-	-	P114	081SS-38	14				HPSVMCB1	28	313100 J006	075		
072	PACS Ch pos 2 . SH114		PCP.-	-	P114	081SS-38	14			CS-P114	HPSVMCB1	28	313100 J006	072	1P	1P
-																
062	PACS Ch tsens . drv		PCT.-	-	P115	041SS-38	15				HPSVMCB1	28	313100 J006	062	2C	2C
063	PACS Ch tsens . sens		PCT.-	-	P115	041SS-38	15				HPSVMCB1	28	313100 J006	063		

Pin Allocation List

(Harness)

Connector: 211121 P007
 CVVUCR

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
051	PACS Ch tsens . drvRT		PCT.-	-	P115	041SS-38	15				HPSVMCB1	28	313100 J006	051	1P	1P
052	PACS Ch tsens . senRT		PCT.-	-	P115	041SS-38	15				HPSVMCB1	28	313100 J006	052		
050	PACS Ch tsens . SH115		PCT.-	-	P115	041SS-38	15			CS-P115	HPSVMCB1	28	313100 J006	050	1P	1P
-																
028	PACS TS red . 3drv		PTS.-	-	P124	081SS-38	16				HPSVMCB1	28	313100 J006	028	2C	2C
018	PACS TS red . 3sens		PTS.-	-	P124	081SS-38	16				HPSVMCB1	28	313100 J006	018		
017	PACS TS red . 3drvRT		PTS.-	-	P124	081SS-38	16				HPSVMCB1	28	313100 J006	017		
009	PACS TS red . 3seRT		PTS.-	-	P124	081SS-38	16				HPSVMCB1	28	313100 J006	009		
001	PACS TS red . 4sens		PTS.-	-	P124	081SS-38	16				HPSVMCB1	28	313100 J006	001	1P	1P
010	PACS TS red . 4drv		PTS.-	-	P124	081SS-38	16				HPSVMCB1	28	313100 J006	010		
002	PACS TS red . 4seRT		PTS.-	-	P124	081SS-38	16				HPSVMCB1	28	313100 J006	002		
003	PACS TS red . 4drvRT		PTS.-	-	P124	081SS-38	16				HPSVMCB1	28	313100 J006	003		
008	PACS TS red . SH124		PTS.-	-	P124	081SS-38	16			CS-124	HPSVMCB1	28	313100 J006	008	1P	1P
CH	Overall Shield									Overall Shield con to CH					1P	

Pin Allocation List

(Harness)

Connector: 313100 J006
HPSVMCB1

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
104	PACS FW 1 Coil N . 1		PFC.-	-	P077	TP2BS-30	1		1		CVWUCR	33	211121 P007	104	1P	1P
092	PACS FW 1 Coil N . 1RTN		PFC.-	-	P077	TP2BS-30	1		1		CVWUCR	33	211121 P007	092	1P	1P
093	PACS FW 1 Coil N . 2		PFC.-	-	P077	TP2BS-30	1		2		CVWUCR	33	211121 P007	093	1P	1P
081	PACS FW 1 Coil N . 2RTN		PFC.-	-	P077	TP2BS-30	1		2		CVWUCR	33	211121 P007	081	1P	1P
080	PACS FW 1 Coil N . SH077		PFC.-	-	P077	TP2BS-30	1			CS-P077	CVWUCR	33	211121 P007	080	1P	1P
-																
121	PACS FW 1 HP1N . I		PFH.-	-	P078	041SS-38	2				CVWUCR	33	211121 P007	121	2C	2C
114	PACS FW 1 HP1N . U		PFH.-	-	P078	041SS-38	2				CVWUCR	33	211121 P007	114		
113	PACS FW 1 HP1N . IRTN		PFH.-	-	P078	041SS-38	2				CVWUCR	33	211121 P007	113		1P
103	PACS FW 1 HP1N . URTN		PFH.-	-	P078	041SS-38	2				CVWUCR	33	211121 P007	103		
091	PACS FW 1 HP1N . SH078		PFH.-	-	P078	041SS-38	2			CS-P078	CVWUCR	33	211121 P007	091	1P	1P
-																
127	PACS FW 1 HP2N . I		PFH.-	-	P079	041SS-38	3				CVWUCR	33	211121 P007	127	2C	2C
128	PACS FW 1 HP2N . U		PFH.-	-	P079	041SS-38	3				CVWUCR	33	211121 P007	128		
120	PACS FW 1 HP2N . IRTN		PFH.-	-	P079	041SS-38	3				CVWUCR	33	211121 P007	120		1P
112	PACS FW 1 HP2N . URTN		PFH.-	-	P079	041SS-38	3				CVWUCR	33	211121 P007	112		
101	PACS FW 1 HP2N . SH079		PFH.-	-	P079	041SS-38	3			CS-P079	CVWUCR	33	211121 P007	101	1P	1P
-																
077	PACS FW 1 S N . 12I		PFS.-	-	P080	081SS-38	4				CVWUCR	33	211121 P007	077	2C	2C
078	PACS FW 1 S N . 1U		PFS.-	-	P080	081SS-38	4				CVWUCR	33	211121 P007	078		
079	PACS FW 1 S N . 2U		PFS.-	-	P080	081SS-38	4				CVWUCR	33	211121 P007	079		
068	PACS FW 1 S N . 12IRT		PFS.-	-	P080	081SS-38	4				CVWUCR	33	211121 P007	068		
088	PACS FW 1 S N . 34I		PFS.-	-	P080	081SS-38	4				CVWUCR	33	211121 P007	088		1P
089	PACS FW 1 S N . 3U		PFS.-	-	P080	081SS-38	4				CVWUCR	33	211121 P007	089		
090	PACS FW 1 S N . 4U		PFS.-	-	P080	081SS-38	4				CVWUCR	33	211121 P007	090		
087	PACS FW 1 S N . 34IRT		PFS.-	-	P080	081SS-38	4				CVWUCR	33	211121 P007	087		
076	PACS FW 1 S N . SH080		PFS.-	-	P080	081SS-38	4			CS-P080	CVWUCR	33	211121 P007	076	1P	1P
-																
125	PACS FW 1 TS N . I		PFT.-	-	P081	041SS-38	5				CVWUCR	33	211121 P007	125	2C	2C
126	PACS FW 1 TS N . U		PFT.-	-	P081	041SS-38	5				CVWUCR	33	211121 P007	126		
118	PACS FW 1 TS N . IRTN		PFT.-	-	P081	041SS-38	5				CVWUCR	33	211121 P007	118		1P
119	PACS FW 1 TS N . URTN		PFT.-	-	P081	041SS-38	5				CVWUCR	33	211121 P007	119		
111	PACS FW 1 TS N . SH081		PFT.-	-	P081	041SS-38	5			CS-P081	CVWUCR	33	211121 P007	111	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 313100 J006
HPSVMCB1

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
035	PACS FW 2 Coil 1/2 No . 1		PFC.-	-	P087	TP2BS-30	6		3		CVWUCR	33	211121 P007	035	1P	1P
046	PACS FW 2 Coil 1/2 No . 1RTN		PFC.-	-	P087	TP2BS-30	6		3		CVWUCR	33	211121 P007	046	1P	1P
047	PACS FW 2 Coil 1/2 No . 2		PFC.-	-	P087	TP2BS-30	6		4		CVWUCR	33	211121 P007	047	1P	1P
058	PACS FW 2 Coil 1/2 No . 2RTN		PFC.-	-	P087	TP2BS-30	6		4		CVWUCR	33	211121 P007	058	1P	1P
057	PACS FW 2 Coil 1/2 No . SH087		PFC.-	-	P087	TP2BS-30	6			CS-P087	CVWUCR	33	211121 P007	057	1P	1P
-																
014	PACS FW 2 HP1N . I		PFH.-	-	P088	041SS-38	7				CVWUCR	33	211121 P007	014	2C	2C
024	PACS FW 2 HP1N . U		PFH.-	-	P088	041SS-38	7				CVWUCR	33	211121 P007	024		
023	PACS FW 2 HP1N . IRTN		PFH.-	-	P088	041SS-38	7				CVWUCR	33	211121 P007	023		1P
034	PACS FW 2 HP1N . URTN		PFH.-	-	P088	041SS-38	7				CVWUCR	33	211121 P007	034		
045	PACS FW 2 HP1N . SH088		PFH.-	-	P088	041SS-38	7			CS-P088	CVWUCR	33	211121 P007	045	1P	1P
-																
006	PACS FW 2 HP2N . I		PFH.-	-	P089	041SS-38	8				CVWUCR	33	211121 P007	006	2C	2C
007	PACS FW 2 HP2N . U		PFH.-	-	P089	041SS-38	8				CVWUCR	33	211121 P007	007		
013	PACS FW 2 HP2N . IRTN		PFH.-	-	P089	041SS-38	8				CVWUCR	33	211121 P007	013		1P
022	PACS FW 2 HP2N . URTN		PFH.-	-	P089	041SS-38	8				CVWUCR	33	211121 P007	022		
032	PACS FW 2 HP2N . SH089		PFH.-	-	P089	041SS-38	8			CS-P089	CVWUCR	33	211121 P007	032	1P	1P
-																
053	PACS FW 2 S N . 12I		PFS.-	-	P090	081SS-38	9				CVWUCR	33	211121 P007	053	2C	2C
054	PACS FW 2 S N . 1U		PFS.-	-	P090	081SS-38	9				CVWUCR	33	211121 P007	054		
055	PACS FW 2 S N . 2U		PFS.-	-	P090	081SS-38	9				CVWUCR	33	211121 P007	055		
056	PACS FW 2 S N . 12IRT		PFS.-	-	P090	081SS-38	9				CVWUCR	33	211121 P007	056		1P
042	PACS FW 2 S N . 34I		PFS.-	-	P090	081SS-38	9				CVWUCR	33	211121 P007	042		
043	PACS FW 2 S N . 3U		PFS.-	-	P090	081SS-38	9				CVWUCR	33	211121 P007	043		
044	PACS FW 2 S N . 4U		PFS.-	-	P090	081SS-38	9				CVWUCR	33	211121 P007	044		
041	PACS FW 2 S N . 34IRT		PFS.-	-	P090	081SS-38	9				CVWUCR	33	211121 P007	041		
064	PACS FW 2 S N . SH090		PFS.-	-	P090	081SS-38	9			CS-P090	CVWUCR	33	211121 P007	064	1P	1P
-																
004	PACS FW 2 TS N . I		PFT.-	-	P091	041SS-38	10				CVWUCR	33	211121 P007	004	2C	2C
005	PACS FW 2 TS N . U		PFT.-	-	P091	041SS-38	10				CVWUCR	33	211121 P007	005		
011	PACS FW 2 TS N . IRTN		PFT.-	-	P091	041SS-38	10				CVWUCR	33	211121 P007	011		1P
012	PACS FW 2 TS N . URTN		PFT.-	-	P091	041SS-38	10				CVWUCR	33	211121 P007	012		
021	PACS FW 2 TS N . SH091		PFT.-	-	P091	041SS-38	10			CS-P091	CVWUCR	33	211121 P007	021	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 313100 J006
HPSVMCB1

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
110	PACS Ch drv . A		PCD.-	-	P116	TP2BS-30	11	116	5		CVWUCR	33	211121 P007	110	1P	1P
100	PACS Ch drv . ARTN		PCD.-	-	P116	TP2BS-30	11	116	5		CVWUCR	33	211121 P007	100	1P	1P
109	PACS Ch drv . B		PCD.-	-	P116	TP2BS-30	11	116	6		CVWUCR	33	211121 P007	109	1P	1P
099	PACS Ch drv . BRTN		PCD.-	-	P116	TP2BS-30	11	116	6		CVWUCR	33	211121 P007	099	1P	1P
098	PACS Ch drv . SH116		PCD.-	-	P116	TP2BS-30	11			CS-116	CVWUCR	33	211121 P007	098	1P	1P
-																
123	PACS Ch drv . Ar1		PCD.-	-	P116	TP2BS-30	12	116a	7		CVWUCR	33	211121 P007	123	1P	1P
116	PACS Ch drv . Ar2		PCD.-	-	P116	TP2BS-30	12	116a	7		CVWUCR	33	211121 P007	116	1P	1P
124	PACS Ch drv . Br1		PCD.-	-	P116	TP2BS-30	12	116a	8		CVWUCR	33	211121 P007	124	1P	1P
117	PACS Ch drv . Br2		PCD.-	-	P116	TP2BS-30	12	116a	8		CVWUCR	33	211121 P007	117	1P	1P
122	PACS Ch drv . S116a		PCD.-	-	P116	TP2BS-30	12			CS-116a	CVWUCR	33	211121 P007	122	1P	1P
-																
106	PACS Ch pos 1 . drv		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 P007	106	2C	2C
106	PACS Ch pos 1 . drv		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 P007	106	2C	2C
107	PACS Ch pos 1 . drsen		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 P007	107	2C	2C
095	PACS Ch pos 1 . drRT		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 P007	095	2C	2C
095	PACS Ch pos 1 . drRT		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 P007	095	2C	2C
096	PACS Ch pos 1 . dseRT		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 P007	096		
108	PACS Ch pos 1 . outA		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 P007	108	1P	1P
097	PACS Ch pos 1 . outB		PCP.-	-	P113	081SS-38	13				CVWUCR	33	211121 P007	097		
105	PACS Ch pos 1 . SH113		PCP.-	-	P113	081SS-38	13			CS-P113	CVWUCR	33	211121 P007	105	1P	1P
-																
084	PACS Ch pos 2 . drv		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 P007	084	2C	2C
084	PACS Ch pos 2 . drv		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 P007	084	2C	2C
085	PACS Ch pos 2 . drsen		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 P007	085	2C	2C
073	PACS Ch pos 2 . drRT		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 P007	073	2C	2C
073	PACS Ch pos 2 . drRT		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 P007	073	2C	2C
074	PACS Ch pos 2 . dseRT		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 P007	074		
086	PACS Ch pos 2 . outA		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 P007	086	1P	1P
075	PACS Ch pos 2 . outB		PCP.-	-	P114	081SS-38	14				CVWUCR	33	211121 P007	075		
072	PACS Ch pos 2 . SH114		PCP.-	-	P114	081SS-38	14			CS-P114	CVWUCR	33	211121 P007	072	1P	1P
-																
062	PACS Ch tsens . drv		PCT.-	-	P115	041SS-38	15				CVWUCR	33	211121 P007	062	2C	2C
063	PACS Ch tsens . sens		PCT.-	-	P115	041SS-38	15				CVWUCR	33	211121 P007	063		

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 268 (of 464)

Connector: 313100 J006
 HPSVMCB1

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

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.											1P	2C
051	PACS Ch tsens . drvRT		PCT.-	-	P115	041SS-38	15				CVWUCR	33	211121 P007	051	1P	1P
052	PACS Ch tsens . senRT		PCT.-	-	P115	041SS-38	15				CVWUCR	33	211121 P007	052		
050	PACS Ch tsens . SH115		PCT.-	-	P115	041SS-38	15			CS-P115	CVWUCR	33	211121 P007	050	1P	1P
-																
028	PACS TS red . 3drv		PTS.-	-	P124	081SS-38	16				CVWUCR	33	211121 P007	028	2C	2C
018	PACS TS red . 3sens		PTS.-	-	P124	081SS-38	16				CVWUCR	33	211121 P007	018		
017	PACS TS red . 3drRT		PTS.-	-	P124	081SS-38	16				CVWUCR	33	211121 P007	017		
009	PACS TS red . 3seRT		PTS.-	-	P124	081SS-38	16				CVWUCR	33	211121 P007	009		
001	PACS TS red . 4sens		PTS.-	-	P124	081SS-38	16				CVWUCR	33	211121 P007	001	1P	1P
010	PACS TS red . 4drv		PTS.-	-	P124	081SS-38	16				CVWUCR	33	211121 P007	010		
002	PACS TS red . 4seRT		PTS.-	-	P124	081SS-38	16				CVWUCR	33	211121 P007	002		
003	PACS TS red . 4drRT		PTS.-	-	P124	081SS-38	16				CVWUCR	33	211121 P007	003		
008	PACS TS red . SH124		PTS.-	-	P124	081SS-38	16			CS-P124	CVWUCR	33	211121 P007	008	1P	1P
CH	Overall Shield									Overall Shield con to CH					1P	

Pin Allocation List

(Harness)

Connector: 211121 P003
CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2C
121	PACS FW 1 Coil R . 1R		PFC.-	-	P082	TP2BS-30	1		1		HPSVMCB1	28	313100 J004	121	1P	1P
113	PACS FW 1 Coil R . 1RRTN		PFC.-	-	P082	TP2BS-30	1		1		HPSVMCB1	28	313100 J004	113	1P	1P
114	PACS FW 1 Coil R . 2R		PFC.-	-	P082	TP2BS-30	1		2		HPSVMCB1	28	313100 J004	114	1P	1P
103	PACS FW 1 Coil R . 2RRTN		PFC.-	-	P082	TP2BS-30	1		2		HPSVMCB1	28	313100 J004	103	1P	1P
102	PACS FW 1 Coil R . SH082		PFC.-	-	P082	TP2BS-30	1			CS-P082	HPSVMCB1	28	313100 J004	102	1P	1P
-																
127	PACS FW 1 HP1R . I		PFH.-	-	P083	041SS-38	2				HPSVMCB1	28	313100 J004	127	2C	2C
128	PACS FW 1 HP1R . U		PFH.-	-	P083	041SS-38	2				HPSVMCB1	28	313100 J004	128	2C	2C
120	PACS FW 1 HP1R . IRTN		PFH.-	-	P083	041SS-38	2				HPSVMCB1	28	313100 J004	120	1P	1P
112	PACS FW 1 HP1R . URTN		PFH.-	-	P083	041SS-38	2				HPSVMCB1	28	313100 J004	112	2C	2C
111	PACS FW 1 HP1R . SH083		PFH.-	-	P083	041SS-38	2			CS-P083	HPSVMCB1	28	313100 J004	111	1P	1P
-																
125	PACS FW 1 HP2R . I		PFH.-	-	P084	041SS-38	3				HPSVMCB1	28	313100 J004	125	2C	2C
126	PACS FW 1 HP2R . U		PFH.-	-	P084	041SS-38	3				HPSVMCB1	28	313100 J004	126	2C	2C
118	PACS FW 1 HP2R . IRTN		PFH.-	-	P084	041SS-38	3				HPSVMCB1	28	313100 J004	118	1P	1P
119	PACS FW 1 HP2R . URTN		PFH.-	-	P084	041SS-38	3				HPSVMCB1	28	313100 J004	119	2C	2C
110	PACS FW 1 HP2R . SH084		PFH.-	-	P084	041SS-38	3			CS-P084	HPSVMCB1	28	313100 J004	110	1P	1P
-																
079	PACS FW 1 S R . 12I		PFS.-	-	P085	081SS-38	4				HPSVMCB1	28	313100 J004	079	2C	2C
080	PACS FW 1 S R . 1U		PFS.-	-	P085	081SS-38	4				HPSVMCB1	28	313100 J004	080	2C	2C
081	PACS FW 1 S R . 2U		PFS.-	-	P085	081SS-38	4				HPSVMCB1	28	313100 J004	081	2C	2C
078	PACS FW 1 S R . 12IRT		PFS.-	-	P085	081SS-38	4				HPSVMCB1	28	313100 J004	078	2C	2C
090	PACS FW 1 S R . 34I		PFS.-	-	P085	081SS-38	4				HPSVMCB1	28	313100 J004	090	1P	1P
091	PACS FW 1 S R . 3U		PFS.-	-	P085	081SS-38	4				HPSVMCB1	28	313100 J004	091	2C	2C
092	PACS FW 1 S R . 4U		PFS.-	-	P085	081SS-38	4				HPSVMCB1	28	313100 J004	092	2C	2C
093	PACS FW 1 S R . 34IRT		PFS.-	-	P085	081SS-38	4				HPSVMCB1	28	313100 J004	093	2C	2C
101	PACS FW 1 S R . SH085		PFS.-	-	P085	081SS-38	4			CS-P085	HPSVMCB1	28	313100 J004	101	1P	1P
-																
123	PACS FW 1 TS R . I		PFT.-	-	P086	041SS-38	5				HPSVMCB1	28	313100 J004	123	2C	2C
124	PACS FW 1 TS R . U		PFT.-	-	P086	041SS-38	5				HPSVMCB1	28	313100 J004	124	2C	2C
116	PACS FW 1 TS R . IRTN		PFT.-	-	P086	041SS-38	5				HPSVMCB1	28	313100 J004	116	1P	1P
117	PACS FW 1 TS R . URTN		PFT.-	-	P086	041SS-38	5				HPSVMCB1	28	313100 J004	117	2C	2C
109	PACS FW 1 TS R . SH086		PFT.-	-	P086	041SS-38	5			CS-P086	HPSVMCB1	28	313100 J004	109	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 211121 P003
CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2C
047	PACS FW 2 Coil 1/2 Re . 1		PFC.-	-	P092	TP2BS-30	6		3		HPSVMCB1	28	313100 J004	047	1P	1P
046	PACS FW 2 Coil 1/2 Re . 1RTN		PFC.-	-	P092	TP2BS-30	6		3		HPSVMCB1	28	313100 J004	046	1P	1P
035	PACS FW 2 Coil 1/2 Re . 2		PFC.-	-	P092	TP2BS-30	6		4		HPSVMCB1	28	313100 J004	035	1P	1P
034	PACS FW 2 Coil 1/2 Re . 2RTN		PFC.-	-	P092	TP2BS-30	6		4		HPSVMCB1	28	313100 J004	034	1P	1P
023	PACS FW 2 Coil 1/2 Re . SH092		PFC.-	-	P092	TP2BS-30	6			CS-P092	HPSVMCB1	28	313100 J004	023	1P	1P
-																
006	PACS FW 2 HP1R . I		PFH.-	-	P093	041SS-38	7				HPSVMCB1	28	313100 J004	006	2C	2C
014	PACS FW 2 HP1R . U		PFH.-	-	P093	041SS-38	7				HPSVMCB1	28	313100 J004	014	2C	2C
007	PACS FW 2 HP1R . IRTN		PFH.-	-	P093	041SS-38	7				HPSVMCB1	28	313100 J004	007	1P	1P
024	PACS FW 2 HP1R . URTN		PFH.-	-	P093	041SS-38	7				HPSVMCB1	28	313100 J004	024	2C	2C
005	PACS FW 2 HP1R . SH093		PFH.-	-	P093	041SS-38	7			CS-P093	HPSVMCB1	28	313100 J004	005	1P	1P
-																
044	PACS FW 2 HP2R . I		PFH.-	-	P094	041SS-38	8				HPSVMCB1	28	313100 J004	044	2C	2C
045	PACS FW 2 HP2R . U		PFH.-	-	P094	041SS-38	8				HPSVMCB1	28	313100 J004	045	2C	2C
032	PACS FW 2 HP2R . IRTN		PFH.-	-	P094	041SS-38	8				HPSVMCB1	28	313100 J004	032	1P	1P
033	PACS FW 2 HP2R . URTN		PFH.-	-	P094	041SS-38	8				HPSVMCB1	28	313100 J004	033	2C	2C
043	PACS FW 2 HP2R . SH094		PFH.-	-	P094	041SS-38	8			CS-P094	HPSVMCB1	28	313100 J004	043	1P	1P
-																
067	PACS FW 2 S R . 12I		PFS.-	-	P095	081SS-38	9				HPSVMCB1	28	313100 J004	067	2C	2C
068	PACS FW 2 S R . 1U		PFS.-	-	P095	081SS-38	9				HPSVMCB1	28	313100 J004	068	2C	2C
069	PACS FW 2 S R . 2U		PFS.-	-	P095	081SS-38	9				HPSVMCB1	28	313100 J004	069	2C	2C
070	PACS FW 2 S R . 12IRT		PFS.-	-	P095	081SS-38	9				HPSVMCB1	28	313100 J004	070	2C	2C
058	PACS FW 2 S R . 34I		PFS.-	-	P095	081SS-38	9				HPSVMCB1	28	313100 J004	058	1P	1P
057	PACS FW 2 S R . 3U		PFS.-	-	P095	081SS-38	9				HPSVMCB1	28	313100 J004	057	2C	2C
056	PACS FW 2 S R . 4U		PFS.-	-	P095	081SS-38	9				HPSVMCB1	28	313100 J004	056	2C	2C
055	PACS FW 2 S R . 34IRT		PFS.-	-	P095	081SS-38	9				HPSVMCB1	28	313100 J004	055	2C	2C
066	PACS FW 2 S R . SH095		PFS.-	-	P095	081SS-38	9			CS-P095	HPSVMCB1	28	313100 J004	066	1P	1P
-																
021	PACS FW 2 TS R . I		PFT.-	-	P096	041SS-38	10				HPSVMCB1	28	313100 J004	021	2C	2C
022	PACS FW 2 TS R . U		PFT.-	-	P096	041SS-38	10				HPSVMCB1	28	313100 J004	022	2C	2C
012	PACS FW 2 TS R . IRTN		PFT.-	-	P096	041SS-38	10				HPSVMCB1	28	313100 J004	012	1P	1P
013	PACS FW 2 TS R . URTN		PFT.-	-	P096	041SS-38	10				HPSVMCB1	28	313100 J004	013	2C	2C
031	PACS FW 2 TS R . SH096		PFT.-	-	P096	041SS-38	10			CS-P096	HPSVMCB1	28	313100 J004	031	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 211121 P003
CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2C
099	PACS Cal BB1red . sens		PAD.-	-	P120	TP2BS-30	11		5		HPSVMCB1	28	313100 J004	099	1P	1P
087	PACS Cal BB1red . senRT		PAD.-	-	P120	TP2BS-30	11		5		HPSVMCB1	28	313100 J004	087	1P	1P
100	PACS Cal BB1red . drv		PAD.-	-	P120	TP2BS-30	11		6		HPSVMCB1	28	313100 J004	100	1P	1P
088	PACS Cal BB1red . drvRT		PAD.-	-	P120	TP2BS-30	11		6		HPSVMCB1	28	313100 J004	088	1P	1P
076	PACS Cal BB1red . SH120		PAD.-	-	P120	TP2BS-30	11			CS-P120	HPSVMCB1	28	313100 J004	076	1P	1P
-																
097	PACS Cal BB2 red . sens		PAD.-	-	P121	TP2BS-30	12		7		HPSVMCB1	28	313100 J004	097	1P	1P
085	PACS Cal BB2 red . senRT		PAD.-	-	P121	TP2BS-30	12		7		HPSVMCB1	28	313100 J004	085	1P	1P
098	PACS Cal BB2 red . drv		PAD.-	-	P121	TP2BS-30	12		8		HPSVMCB1	28	313100 J004	098	1P	1P
086	PACS Cal BB2 red . drvRT		PAD.-	-	P121	TP2BS-30	12		8		HPSVMCB1	28	313100 J004	086	1P	1P
108	PACS Cal BB2 red . SH121		PAD.-	-	P121	TP2BS-30	12			CS-P121	HPSVMCB1	28	313100 J004	108	1P	1P
-																
106	PACS Cal BB2 tsens . sens		PAT.-	-	P122	041SS-38	13				HPSVMCB1	28	313100 J004	106	2C	2C
107	PACS Cal BB2 tsens . drv		PAT.-	-	P122	041SS-38	13				HPSVMCB1	28	313100 J004	107	2C	2C
095	PACS Cal BB2 tsens . senRT		PAT.-	-	P122	041SS-38	13				HPSVMCB1	28	313100 J004	095	1P	1P
096	PACS Cal BB2 tsens . drvRT		PAT.-	-	P122	041SS-38	13				HPSVMCB1	28	313100 J004	096	2C	2C
122	PACS Cal BB2 tsens . SH122		PAT.-	-	P122	041SS-38	13			CS-P122	HPSVMCB1	28	313100 J004	122	1P	1P
-																
063	PACS Gdrv Coil LL Red . 1r		PGC.-	-	P105	TP3BS-30	14		9		HPSVMCB1	28	313100 J004	063	1P	1P
051	PACS Gdrv Coil LL Red . 1rrtn		PGC.-	-	P105	TP3BS-30	14		9		HPSVMCB1	28	313100 J004	051	1P	1P
064	PACS Gdrv Coil LL Red . 2r		PGC.-	-	P105	TP3BS-30	14		A		HPSVMCB1	28	313100 J004	064	1P	1P
052	PACS Gdrv Coil LL Red . 2rrtn		PGC.-	-	P105	TP3BS-30	14		A		HPSVMCB1	28	313100 J004	052	1P	1P
065	PACS Gdrv Coil LL Red . drv		PGC.-	-	P105	TP3BS-30	14		B		HPSVMCB1	28	313100 J004	065	1P	1P
053	PACS Gdrv Coil LL Red . drrtn		PGC.-	-	P105	TP3BS-30	14		B		HPSVMCB1	28	313100 J004	053	1P	1P
062	PACS Gdrv Coil LL Red . SH105		PGC.-	-	P105	TP3BS-30	14			CS-P105	HPSVMCB1	28	313100 J004	062	1P	1P
-																
039	PACS Gdrv Switch Red . drv1		PGS.-	-	P106	081SS-38	15				HPSVMCB1	28	313100 J004	039	2C	2C
027	PACS Gdrv Switch Red . drv2		PGS.-	-	P106	081SS-38	15				HPSVMCB1	28	313100 J004	027	2C	2C
040	PACS Gdrv Switch Red . drrt1		PGS.-	-	P106	081SS-38	15				HPSVMCB1	28	313100 J004	040	2C	2C
028	PACS Gdrv Switch Red . drrt2		PGS.-	-	P106	081SS-38	15				HPSVMCB1	28	313100 J004	028	2C	2C
041	PACS Gdrv Switch Red . LLp		PGS.-	-	P106	081SS-38	15				HPSVMCB1	28	313100 J004	041	1P	1P
029	PACS Gdrv Switch Red . LL+		PGS.-	-	P106	081SS-38	15				HPSVMCB1	28	313100 J004	029	2C	2C
042	PACS Gdrv Switch Red . LL-		PGS.-	-	P106	081SS-38	15				HPSVMCB1	28	313100 J004	042	2C	2C
030	PACS Gdrv Switch Red . LLrtn		PGS.-	-	P106	081SS-38	15				HPSVMCB1	28	313100 J004	030	2C	2C

Pin Allocation List

(Harness)

Connector: 211121 P003
CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2C
054	PACS Gdrv Switch Red . SH106		PGS.-	-	P106	081SS-38	15			CS-P106	HPSVMCB1	28	313100 J004	054	1P	1P
-																
073	PACS Gsensdrv Red . drv		PGD.-	-	P107	021BS-30	16				HPSVMCB1	28	313100 J004	073	2C	2C
061	PACS Gsensdrv Red . drrtn		PGD.-	-	P107	021BS-30	16				HPSVMCB1	28	313100 J004	061	1P	1P
050	PACS Gsensdrv Red . SH107		PGD.-	-	P107	021BS-30	16			CS-P107	HPSVMCB1	28	313100 J004	050	1P	1P
-																
083	PACS Gsens 1 Red . dr1rs		PGH.-	-	P108	061SS-38	17				HPSVMCB1	28	313100 J004	083	2C	2C
071	PACS Gsens 1 Red . drv1r		PGH.-	-	P108	061SS-38	17				HPSVMCB1	28	313100 J004	071	2C	2C
071	PACS Gsens 1 Red . drv1r		PGH.-	-	P108	061SS-38	17				HPSVMCB1	28	313100 J004	071	2C	2C
072	PACS Gsens 1 Red . d1rsr		PGH.-	-	P108	061SS-38	17				HPSVMCB1	28	313100 J004	072	2C	2C
060	PACS Gsens 1 Red . d1rrt		PGH.-	-	P108	061SS-38	17				HPSVMCB1	28	313100 J004	060	2C	2C
060	PACS Gsens 1 Red . d1rrt		PGH.-	-	P108	061SS-38	17				HPSVMCB1	28	313100 J004	060	2C	2C
082	PACS Gsens 1 Red . SH108		PGH.-	-	P108	061SS-38	17			CS-P108	HPSVMCB1	28	313100 J004	082	1P	1P
-																
026	PACS Gsens 2 Red . dr2rs		PGH.-	-	P109	061SS-38	18				HPSVMCB1	28	313100 J004	026	2C	2C
015	PACS Gsens 2 Red . drv2r		PGH.-	-	P109	061SS-38	18				HPSVMCB1	28	313100 J004	015	2C	2C
015	PACS Gsens 2 Red . drv2r		PGH.-	-	P109	061SS-38	18				HPSVMCB1	28	313100 J004	015	2C	2C
016	PACS Gsens 2 Red . d2rsr		PGH.-	-	P109	061SS-38	18				HPSVMCB1	28	313100 J004	016	2C	2C
008	PACS Gsens 2 Red . d2rrt		PGH.-	-	P109	061SS-38	18				HPSVMCB1	28	313100 J004	008	2C	2C
008	PACS Gsens 2 Red . d2rrt		PGH.-	-	P109	061SS-38	18				HPSVMCB1	28	313100 J004	008	2C	2C
001	PACS Gsens 2 Red . SH109		PGH.-	-	P109	061SS-38	18			CS-P109	HPSVMCB1	28	313100 J004	001	1P	1P
-																
036	PACS Gsens sin Red . sin		PGI.-	-	P110	021SS-38	19				HPSVMCB1	28	313100 J004	036	2C	2C
025	PACS Gsens sin Red . sinrt		PGI.-	-	P110	021SS-38	19				HPSVMCB1	28	313100 J004	025	2C	2C
048	PACS Gsens sin Red . SH110		PGI.-	-	P110	021SS-38	19			CS-P110	HPSVMCB1	28	313100 J004	048	1P	1P
-																
049	PACS Gsens cos Red . cos		PGO.-	-	P111	021SS-38	20				HPSVMCB1	28	313100 J004	049	2C	2C
037	PACS Gsens cos Red . cosrt		PGO.-	-	P111	021SS-38	20				HPSVMCB1	28	313100 J004	037	2C	2C
038	PACS Gsens cos Red . SH111		PGO.-	-	P111	021SS-38	20			CS-P111	HPSVMCB1	28	313100 J004	038	1P	1P
-	NC															
009	PACS Gtsens Red . drv		PGT.-	-	P112	041SS-38	20				HPSVMCB1	28	313100 J004	009	2C	2C
003	PACS Gtsens Red . rs		PGT.-	-	P112	041SS-38	20				HPSVMCB1	28	313100 J004	003	2C	2C
002	PACS Gtsens Red . drvrt		PGT.-	-	P112	041SS-38	20				HPSVMCB1	28	313100 J004	002	2C	2C
004	PACS Gtsens Red . srtn		PGT.-	-	P112	041SS-38	20				HPSVMCB1	28	313100 J004	004	2C	2C

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 273 (of 464)

Connector: 211121 P003
 CVVUCR

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											
017	PACS Gtsens Red . SH112		PGT.-	-	P112	041SS-38	20			CS-P112	HPSVMCB1	28	313100 J004	017	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 274 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313100 J004
HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2C
121	PACS FW 1 Coil R . 1R		PFC.-	-	P082	TP2BS-30	1		1		CVWUCR	33	211121 P003	121	1P	1P
113	PACS FW 1 Coil R . 1RRTN		PFC.-	-	P082	TP2BS-30	1		1		CVWUCR	33	211121 P003	113	1P	1P
114	PACS FW 1 Coil R . 2R		PFC.-	-	P082	TP2BS-30	1		2		CVWUCR	33	211121 P003	114	1P	1P
103	PACS FW 1 Coil R . 2RRTN		PFC.-	-	P082	TP2BS-30	1		2		CVWUCR	33	211121 P003	103	1P	1P
102	PACS FW 1 Coil R . SH082		PFC.-	-	P082	TP2BS-30	1			CS-P082	CVWUCR	33	211121 P003	102	1P	1P
-																
127	PACS FW 1 HP1R . I		PFH.-	-	P083	041SS-38	2				CVWUCR	33	211121 P003	127	2C	2C
128	PACS FW 1 HP1R . U		PFH.-	-	P083	041SS-38	2				CVWUCR	33	211121 P003	128	2C	2C
120	PACS FW 1 HP1R . IRTN		PFH.-	-	P083	041SS-38	2				CVWUCR	33	211121 P003	120	1P	1P
112	PACS FW 1 HP1R . URTN		PFH.-	-	P083	041SS-38	2				CVWUCR	33	211121 P003	112	2C	2C
111	PACS FW 1 HP1R . SH083		PFH.-	-	P083	041SS-38	2			CS-P083	CVWUCR	33	211121 P003	111	1P	1P
-																
125	PACS FW 1 HP2R . I		PFH.-	-	P084	041SS-38	3				CVWUCR	33	211121 P003	125	2C	2C
126	PACS FW 1 HP2R . U		PFH.-	-	P084	041SS-38	3				CVWUCR	33	211121 P003	126	2C	2C
118	PACS FW 1 HP2R . IRTN		PFH.-	-	P084	041SS-38	3				CVWUCR	33	211121 P003	118	1P	1P
119	PACS FW 1 HP2R . URTN		PFH.-	-	P084	041SS-38	3				CVWUCR	33	211121 P003	119	2C	2C
110	PACS FW 1 HP2R . SH084		PFH.-	-	P084	041SS-38	3			CS-P084	CVWUCR	33	211121 P003	110	1P	1P
-																
079	PACS FW 1 S R . 12I		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 P003	079	2C	2C
080	PACS FW 1 S R . 1U		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 P003	080	2C	2C
081	PACS FW 1 S R . 2U		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 P003	081	2C	2C
078	PACS FW 1 S R . 12IRT		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 P003	078	2C	2C
090	PACS FW 1 S R . 34I		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 P003	090	1P	1P
091	PACS FW 1 S R . 3U		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 P003	091	2C	2C
092	PACS FW 1 S R . 4U		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 P003	092	2C	2C
093	PACS FW 1 S R . 34IRT		PFS.-	-	P085	081SS-38	4				CVWUCR	33	211121 P003	093	2C	2C
101	PACS FW 1 S R . SH085		PFS.-	-	P085	081SS-38	4			CS-P085	CVWUCR	33	211121 P003	101	1P	1P
-																
123	PACS FW 1 TS R . I		PFT.-	-	P086	041SS-38	5				CVWUCR	33	211121 P003	123	2C	2C
124	PACS FW 1 TS R . U		PFT.-	-	P086	041SS-38	5				CVWUCR	33	211121 P003	124	2C	2C
116	PACS FW 1 TS R . IRTN		PFT.-	-	P086	041SS-38	5				CVWUCR	33	211121 P003	116	1P	1P
117	PACS FW 1 TS R . URTN		PFT.-	-	P086	041SS-38	5				CVWUCR	33	211121 P003	117	2C	2C
109	PACS FW 1 TS R . SH086		PFT.-	-	P086	041SS-38	5			CS-P086	CVWUCR	33	211121 P003	109	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 313100 J004
HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2C
047	PACS FW 2 Coil 1/2 Re . 1		PFC.-	-	P092	TP2BS-30	6		3		CVWUCR	33	211121 P003	047	1P	1P
046	PACS FW 2 Coil 1/2 Re . 1RTN		PFC.-	-	P092	TP2BS-30	6		3		CVWUCR	33	211121 P003	046	1P	1P
035	PACS FW 2 Coil 1/2 Re . 2		PFC.-	-	P092	TP2BS-30	6		4		CVWUCR	33	211121 P003	035	1P	1P
034	PACS FW 2 Coil 1/2 Re . 2RTN		PFC.-	-	P092	TP2BS-30	6		4		CVWUCR	33	211121 P003	034	1P	1P
023	PACS FW 2 Coil 1/2 Re . SH092		PFC.-	-	P092	TP2BS-30	6			CS-P092	CVWUCR	33	211121 P003	023	1P	1P
-																
006	PACS FW 2 HP1R . I		PFH.-	-	P093	041SS-38	7				CVWUCR	33	211121 P003	006	2C	2C
014	PACS FW 2 HP1R . U		PFH.-	-	P093	041SS-38	7				CVWUCR	33	211121 P003	014	2C	2C
007	PACS FW 2 HP1R . IRTN		PFH.-	-	P093	041SS-38	7				CVWUCR	33	211121 P003	007	1P	1P
024	PACS FW 2 HP1R . URTN		PFH.-	-	P093	041SS-38	7				CVWUCR	33	211121 P003	024	2C	2C
005	PACS FW 2 HP1R . SH093		PFH.-	-	P093	041SS-38	7			CS-P093	CVWUCR	33	211121 P003	005	1P	1P
-																
044	PACS FW 2 HP2R . I		PFH.-	-	P094	041SS-38	8				CVWUCR	33	211121 P003	044	2C	2C
045	PACS FW 2 HP2R . U		PFH.-	-	P094	041SS-38	8				CVWUCR	33	211121 P003	045	2C	2C
032	PACS FW 2 HP2R . IRTN		PFH.-	-	P094	041SS-38	8				CVWUCR	33	211121 P003	032	1P	1P
033	PACS FW 2 HP2R . URTN		PFH.-	-	P094	041SS-38	8				CVWUCR	33	211121 P003	033	2C	2C
043	PACS FW 2 HP2R . SH094		PFH.-	-	P094	041SS-38	8			CS-P094	CVWUCR	33	211121 P003	043	1P	1P
-																
067	PACS FW 2 S R . 12I		PFS.-	-	P095	081SS-38	9				CVWUCR	33	211121 P003	067	2C	2C
068	PACS FW 2 S R . 1U		PFS.-	-	P095	081SS-38	9				CVWUCR	33	211121 P003	068	2C	2C
069	PACS FW 2 S R . 2U		PFS.-	-	P095	081SS-38	9				CVWUCR	33	211121 P003	069	2C	2C
070	PACS FW 2 S R . 12IRT		PFS.-	-	P095	081SS-38	9				CVWUCR	33	211121 P003	070	2C	2C
058	PACS FW 2 S R . 34I		PFS.-	-	P095	081SS-38	9				CVWUCR	33	211121 P003	058	1P	1P
057	PACS FW 2 S R . 3U		PFS.-	-	P095	081SS-38	9				CVWUCR	33	211121 P003	057	2C	2C
056	PACS FW 2 S R . 4U		PFS.-	-	P095	081SS-38	9				CVWUCR	33	211121 P003	056	2C	2C
055	PACS FW 2 S R . 34IRT		PFS.-	-	P095	081SS-38	9				CVWUCR	33	211121 P003	055	2C	2C
066	PACS FW 2 S R . SH095		PFS.-	-	P095	081SS-38	9			CS-P095	CVWUCR	33	211121 P003	066	1P	1P
-																
021	PACS FW 2 TS R . I		PFT.-	-	P096	041SS-38	10				CVWUCR	33	211121 P003	021	2C	2C
022	PACS FW 2 TS R . U		PFT.-	-	P096	041SS-38	10				CVWUCR	33	211121 P003	022	2C	2C
012	PACS FW 2 TS R . IRTN		PFT.-	-	P096	041SS-38	10				CVWUCR	33	211121 P003	012	1P	1P
013	PACS FW 2 TS R . URTN		PFT.-	-	P096	041SS-38	10				CVWUCR	33	211121 P003	013	2C	2C
031	PACS FW 2 TS R . SH096		PFT.-	-	P096	041SS-38	10			CS-P096	CVWUCR	33	211121 P003	031	1P	1P
-																

Pin Allocation List

(Harness)

Connector: 313100 J004
HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2C
099	PACS Cal BB1red . sens		PAD.-	-	P120	TP2BS-30	11		5		CVWUCR	33	211121 P003	099	1P	1P
087	PACS Cal BB1red . senRT		PAD.-	-	P120	TP2BS-30	11		5		CVWUCR	33	211121 P003	087	1P	1P
100	PACS Cal BB1red . drv		PAD.-	-	P120	TP2BS-30	11		6		CVWUCR	33	211121 P003	100	1P	1P
088	PACS Cal BB1red . drvRT		PAD.-	-	P120	TP2BS-30	11		6		CVWUCR	33	211121 P003	088	1P	1P
076	PACS Cal BB1red . SH120		PAD.-	-	P120	TP2BS-30	11			CS-P120	CVWUCR	33	211121 P003	076	1P	1P
-																
097	PACS Cal BB2 red . sens		PAD.-	-	P121	TP2BS-30	12		7		CVWUCR	33	211121 P003	097	1P	1P
085	PACS Cal BB2 red . senRT		PAD.-	-	P121	TP2BS-30	12		7		CVWUCR	33	211121 P003	085	1P	1P
098	PACS Cal BB2 red . drv		PAD.-	-	P121	TP2BS-30	12		8		CVWUCR	33	211121 P003	098	1P	1P
086	PACS Cal BB2 red . drvRT		PAD.-	-	P121	TP2BS-30	12		8		CVWUCR	33	211121 P003	086	1P	1P
108	PACS Cal BB2 red . SH121		PAD.-	-	P121	TP2BS-30	12			CS-P121	CVWUCR	33	211121 P003	108	1P	1P
-																
106	PACS Cal BB2 tsens . sens		PAT.-	-	P122	041SS-38	13				CVWUCR	33	211121 P003	106	2C	2C
107	PACS Cal BB2 tsens . drv		PAT.-	-	P122	041SS-38	13				CVWUCR	33	211121 P003	107	2C	2C
095	PACS Cal BB2 tsens . senRT		PAT.-	-	P122	041SS-38	13				CVWUCR	33	211121 P003	095	1P	1P
096	PACS Cal BB2 tsens . drvRT		PAT.-	-	P122	041SS-38	13				CVWUCR	33	211121 P003	096	2C	2C
122	PACS Cal BB2 tsens . SH122		PAT.-	-	P122	041SS-38	13			CS-P122	CVWUCR	33	211121 P003	122	1P	1P
-																
063	PACS Gdrv Coil LL Red . 1r		PGC.-	-	P105	TP3BS-30	14		9		CVWUCR	33	211121 P003	063	1P	1P
051	PACS Gdrv Coil LL Red . 1rrtn		PGC.-	-	P105	TP3BS-30	14		9		CVWUCR	33	211121 P003	051	1P	1P
064	PACS Gdrv Coil LL Red . 2r		PGC.-	-	P105	TP3BS-30	14		A		CVWUCR	33	211121 P003	064	1P	1P
052	PACS Gdrv Coil LL Red . 2rrtn		PGC.-	-	P105	TP3BS-30	14		A		CVWUCR	33	211121 P003	052	1P	1P
065	PACS Gdrv Coil LL Red . drv		PGC.-	-	P105	TP3BS-30	14		B		CVWUCR	33	211121 P003	065	1P	1P
053	PACS Gdrv Coil LL Red . drrtn		PGC.-	-	P105	TP3BS-30	14		B		CVWUCR	33	211121 P003	053	1P	1P
062	PACS Gdrv Coil LL Red . SH105		PGC.-	-	P105	TP3BS-30	14			CS-P105	CVWUCR	33	211121 P003	062	1P	1P
-																
039	PACS Gdrv Switch Red . drv1		PGS.-	-	P106	081SS-38	15				CVWUCR	33	211121 P003	039	2C	2C
027	PACS Gdrv Switch Red . drv2		PGS.-	-	P106	081SS-38	15				CVWUCR	33	211121 P003	027	2C	2C
040	PACS Gdrv Switch Red . drrt1		PGS.-	-	P106	081SS-38	15				CVWUCR	33	211121 P003	040	2C	2C
028	PACS Gdrv Switch Red . drrt2		PGS.-	-	P106	081SS-38	15				CVWUCR	33	211121 P003	028	2C	2C
041	PACS Gdrv Switch Red . LLp		PGS.-	-	P106	081SS-38	15				CVWUCR	33	211121 P003	041	1P	1P
029	PACS Gdrv Switch Red . LL+		PGS.-	-	P106	081SS-38	15				CVWUCR	33	211121 P003	029	2C	2C
042	PACS Gdrv Switch Red . LL-		PGS.-	-	P106	081SS-38	15				CVWUCR	33	211121 P003	042	2C	2C
030	PACS Gdrv Switch Red . LLrtn		PGS.-	-	P106	081SS-38	15				CVWUCR	33	211121 P003	030	2C	2C

Pin Allocation List

(Harness)

Connector: 313100 J004
HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											1P	2C
054	PACS Gdrv Switch Red . SH106		PGS.-	-	P106	081SS-38	15			CS-P106	CVVUCR	33	211121 P003	054	1P	1P
-																
073	PACS Gsensdrv Red . drv		PGD.-	-	P107	021BS-30	16				CVVUCR	33	211121 P003	073	2C	2C
061	PACS Gsensdrv Red . drrtn		PGD.-	-	P107	021BS-30	16				CVVUCR	33	211121 P003	061	1P	1P
050	PACS Gsensdrv Red . SH107		PGD.-	-	P107	021BS-30	16			CS-P107	CVVUCR	33	211121 P003	050	1P	1P
-																
083	PACS Gsens 1 Red . dr1rs		PGH.-	-	P108	061SS-38	17				CVVUCR	33	211121 P003	083	2C	2C
071	PACS Gsens 1 Red . drv1r		PGH.-	-	P108	061SS-38	17				CVVUCR	33	211121 P003	071	2C	2C
071	PACS Gsens 1 Red . drv1r		PGH.-	-	P108	061SS-38	17				CVVUCR	33	211121 P003	071	2C	2C
072	PACS Gsens 1 Red . d1rsr		PGH.-	-	P108	061SS-38	17				CVVUCR	33	211121 P003	072	2C	2C
060	PACS Gsens 1 Red . d1rrt		PGH.-	-	P108	061SS-38	17				CVVUCR	33	211121 P003	060	2C	2C
060	PACS Gsens 1 Red . d1rrt		PGH.-	-	P108	061SS-38	17				CVVUCR	33	211121 P003	060	2C	2C
082	PACS Gsens 1 Red . SH108		PGH.-	-	P108	061SS-38	17			CS-P108	CVVUCR	33	211121 P003	082	1P	1P
-																
026	PACS Gsens 2 Red . dr2rs		PGH.-	-	P109	061SS-38	18				CVVUCR	33	211121 P003	026	2C	2C
015	PACS Gsens 2 Red . drv2r		PGH.-	-	P109	061SS-38	18				CVVUCR	33	211121 P003	015	2C	2C
015	PACS Gsens 2 Red . drv2r		PGH.-	-	P109	061SS-38	18				CVVUCR	33	211121 P003	015	2C	2C
016	PACS Gsens 2 Red . d2rsr		PGH.-	-	P109	061SS-38	18				CVVUCR	33	211121 P003	016	2C	2C
008	PACS Gsens 2 Red . d2rrt		PGH.-	-	P109	061SS-38	18				CVVUCR	33	211121 P003	008	2C	2C
008	PACS Gsens 2 Red . d2rrt		PGH.-	-	P109	061SS-38	18				CVVUCR	33	211121 P003	008	2C	2C
001	PACS Gsens 2 Red . SH109		PGH.-	-	P109	061SS-38	18			CS-P109	CVVUCR	33	211121 P003	001	1P	1P
-																
036	PACS Gsens sin Red . sin		PGI.-	-	P110	021SS-38	19				CVVUCR	33	211121 P003	036	2C	2C
025	PACS Gsens sin Red . sinrt		PGI.-	-	P110	021SS-38	19				CVVUCR	33	211121 P003	025	2C	2C
048	PACS Gsens sin Red . SH110		PGI.-	-	P110	021SS-38	19			CS-P110	CVVUCR	33	211121 P003	048	1P	1P
-																
049	PACS Gsens cos Red . cos		PGO.-	-	P111	021SS-38	20				CVVUCR	33	211121 P003	049	2C	2C
037	PACS Gsens cos Red . cosrt		PGO.-	-	P111	021SS-38	20				CVVUCR	33	211121 P003	037	2C	2C
038	PACS Gsens cos Red . SH111		PGO.-	-	P111	021SS-38	20			CS-P111	CVVUCR	33	211121 P003	038	1P	1P
-																
009	PACS Gtsens Red . drv		PGT.-	-	P112	041SS-38	21				CVVUCR	33	211121 P003	009	2C	2C
003	PACS Gtsens Red . rs		PGT.-	-	P112	041SS-38	21				CVVUCR	33	211121 P003	003	2C	2C
002	PACS Gtsens Red . drvrt		PGT.-	-	P112	041SS-38	21				CVVUCR	33	211121 P003	002	2C	2C
004	PACS Gtsens Red . srtn		PGT.-	-	P112	041SS-38	21				CVVUCR	33	211121 P003	004	2C	2C

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 279 (of 464)

Connector: 313100 J004
HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

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.											
017	PACS Gtsens Red . SH112		PGT.-	-	P112	041SS-38	21			CS-P112	CVVUCR	33	211121 P003	017	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 280 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 211121 P004
CVVUCR

Function / Bundle: SIH-XP-15 (117-119;123;100-104;97-99)

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.											1P	1P
099	PACS Cal BB1 nom . sens		PAD.-	-	P117	TP2BS-30	1		1		HPSVMCB1	28	313100 J005	099	1P	1P
091	PACS Cal BB1 nom . senRT		PAD.-	-	P117	TP2BS-30	1		1		HPSVMCB1	28	313100 J005	091	1P	1P
100	PACS Cal BB1 nom . drv		PAD.-	-	P117	TP2BS-30	1		2		HPSVMCB1	28	313100 J005	100	1P	1P
092	PACS Cal BB1 nom . drvRT		PAD.-	-	P117	TP2BS-30	1		2		HPSVMCB1	28	313100 J005	092	1P	1P
093	PACS Cal BB1 nom . SH117		PAD.-	-	P117	TP2BS-30	1			CS-P117	HPSVMCB1	28	313100 J005	093	1P	1P
-																
096	PACS Cal BB2 nom . sens		PAD.-	-	P118	TP2BS-30	2		3		HPSVMCB1	28	313100 J005	096	1P	1P
097	PACS Cal BB2 nom . senRT		PAD.-	-	P118	TP2BS-30	2		3		HPSVMCB1	28	313100 J005	097	1P	1P
098	PACS Cal BB2 nom . drv		PAD.-	-	P118	TP2BS-30	2		4		HPSVMCB1	28	313100 J005	098	1P	1P
090	PACS Cal BB2 nom . drvRT		PAD.-	-	P118	TP2BS-30	2		4		HPSVMCB1	28	313100 J005	090	1P	1P
089	PACS Cal BB2 nom . SH118		PAD.-	-	P118	TP2BS-30	2			CS-P118	HPSVMCB1	28	313100 J005	089	1P	1P
-																
095	PACS Cal BB1 tsens . drv		PAT.-	-	P119	041SS-38	3				HPSVMCB1	28	313100 J005	095	1P	1P
094	PACS Cal BB1 tsens . drvRT		PAT.-	-	P119	041SS-38	3				HPSVMCB1	28	313100 J005	094		
088	PACS Cal BB1 tsens . sens		PAT.-	-	P119	041SS-38	3				HPSVMCB1	28	313100 J005	088	2C	2C
087	PACS Cal BB1 tsens . senRT		PAT.-	-	P119	041SS-38	3				HPSVMCB1	28	313100 J005	087		
086	PACS Cal BB1 tsens . SH119		PAT.-	-	P119	041SS-38	3			CS-P119	HPSVMCB1	28	313100 J005	086	1P	1P
-																
082	PACS TS nom . drv		PTS.-	-	P123	081SS-38	4				HPSVMCB1	28	313100 J005	082	2C	2C
083	PACS TS nom . 1sens		PTS.-	-	P123	081SS-38	4				HPSVMCB1	28	313100 J005	083		
073	PACS TS nom . 1drvRT		PTS.-	-	P123	081SS-38	4				HPSVMCB1	28	313100 J005	073		
074	PACS TS nom . 1seRT		PTS.-	-	P123	081SS-38	4				HPSVMCB1	28	313100 J005	074	1P	1P
084	PACS TS nom . 2sens		PTS.-	-	P123	081SS-38	4				HPSVMCB1	28	313100 J005	084		
085	PACS TS nom . 2drv		PTS.-	-	P123	081SS-38	4				HPSVMCB1	28	313100 J005	085		
075	PACS TS nom . 2seRT		PTS.-	-	P123	081SS-38	4				HPSVMCB1	28	313100 J005	075		
076	PACS TS nom . 2drvRT		PTS.-	-	P123	081SS-38	4				HPSVMCB1	28	313100 J005	076		
081	PACS TS nom . SH123		PTS.-	-	P123	081SS-38	4			CS-P123	HPSVMCB1	28	313100 J005	081	1P	1P
-																
078	PACS Gdrv Coil LL Nom . 1n		PGC.-	-	P097	TP3BS-30	5		5		HPSVMCB1	28	313100 J005	078	1P	1P
068	PACS Gdrv Coil LL Nom . nrtn		PGC.-	-	P097	TP3BS-30	5		5		HPSVMCB1	28	313100 J005	068	1P	1P
079	PACS Gdrv Coil LL Nom . 2n		PGC.-	-	P097	TP3BS-30	5		6		HPSVMCB1	28	313100 J005	079	1P	1P
069	PACS Gdrv Coil LL Nom . 2nrtn		PGC.-	-	P097	TP3BS-30	5		6		HPSVMCB1	28	313100 J005	069	1P	1P
080	PACS Gdrv Coil LL Nom . drv		PGC.-	-	P097	TP3BS-30	5		7		HPSVMCB1	28	313100 J005	080	1P	1P
070	PACS Gdrv Coil LL Nom . drtrn		PGC.-	-	P097	TP3BS-30	5		7		HPSVMCB1	28	313100 J005	070	1P	1P

Pin Allocation List

(Harness)

Connector: 211121 P004
CVVUCR

Function / Bundle: SIH-XP-15 (117-119;123;100-104;97-99)

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.											1P	2C
077	PACS Gdrv Coil LL Nom . SH097		PGC.-	-	P097	TP3BS-30	5			CS-P097	HPSVMCB1	28	313100 J005	077	1P	1P
-																
065	PACS Gsensdrv Nom . drv		PGD.-	-	P099	021BS-30	6				HPSVMCB1	28	313100 J005	065	2C	2C
055	PACS Gsensdrv Nom . drrtn		PGD.-	-	P099	021BS-30	6				HPSVMCB1	28	313100 J005	055	1P	1P
066	PACS Gsensdrv Nom . SH099		PGD.-	-	P099	021BS-30	6			CS-P099	HPSVMCB1	28	313100 J005	066	1P	1P
-																
061	PACS Gdrv Switch Nom . drv1		PGS.-	-	P098	081SS-38	7				HPSVMCB1	28	313100 J005	061	2C	2C
062	PACS Gdrv Switch Nom . drv2		PGS.-	-	P098	081SS-38	7				HPSVMCB1	28	313100 J005	062		
052	PACS Gdrv Switch Nom . drrtn		PGS.-	-	P098	081SS-38	7				HPSVMCB1	28	313100 J005	052		
051	PACS Gdrv Switch Nom . drrt2		PGS.-	-	P098	081SS-38	7				HPSVMCB1	28	313100 J005	051	1P	1P
053	PACS Gdrv Switch Nom . LLP		PGS.-	-	P098	081SS-38	7				HPSVMCB1	28	313100 J005	053		
063	PACS Gdrv Switch Nom . LL+		PGS.-	-	P098	081SS-38	7				HPSVMCB1	28	313100 J005	063		
064	PACS Gdrv Switch Nom . LL-		PGS.-	-	P098	081SS-38	7				HPSVMCB1	28	313100 J005	064		
054	PACS Gdrv Switch Nom . LLrtn		PGS.-	-	P098	081SS-38	7				HPSVMCB1	28	313100 J005	054		
050	PACS Gdrv Switch Nom . SH098		PGS.-	-	P098	081SS-38	7			CS-P098	HPSVMCB1	28	313100 J005	050	1P	1P
-																
044	PACS Gsens 1 Nom . dr1ns		PGH.-	-	P100	061SS-38	8				HPSVMCB1	28	313100 J005	044		
033	PACS Gsens 1 Nom . drv1n		PGH.-	-	P100	061SS-38	8				HPSVMCB1	28	313100 J005	033	2C	2C
033	PACS Gsens 1 Nom . drv1n		PGH.-	-	P100	061SS-38	8				HPSVMCB1	28	313100 J005	033	2C	2C
045	PACS Gsens 1 Nom . d1nsr		PGH.-	-	P100	061SS-38	8				HPSVMCB1	28	313100 J005	045	2C	2C
034	PACS Gsens 1 Nom . d1nrt		PGH.-	-	P100	061SS-38	8				HPSVMCB1	28	313100 J005	034	2C	2C
034	PACS Gsens 1 Nom . d1nrt		PGH.-	-	P100	061SS-38	8				HPSVMCB1	28	313100 J005	034	2C	2C
043	PACS Gsens 1 Nom . SH100		PGH.-	-	P100	061SS-38	8			CS-P100	HPSVMCB1	28	313100 J005	043	1P	1P
-																
023	PACS Gsens 2 Nom . dr2ns		PGH.-	-	P101	061SS-38	9				HPSVMCB1	28	313100 J005	023	2C	2C
024	PACS Gsens 2 Nom . drv2n		PGH.-	-	P101	061SS-38	9				HPSVMCB1	28	313100 J005	024	2C	2C
024	PACS Gsens 2 Nom . drv2n		PGH.-	-	P101	061SS-38	9				HPSVMCB1	28	313100 J005	024	2C	2C
014	PACS Gsens 2 Nom . d2nsr		PGH.-	-	P101	061SS-38	9				HPSVMCB1	28	313100 J005	014		
015	PACS Gsens 2 Nom . d2nrt		PGH.-	-	P101	061SS-38	9				HPSVMCB1	28	313100 J005	015	2C	2C
015	PACS Gsens 2 Nom . d2nrt		PGH.-	-	P101	061SS-38	9				HPSVMCB1	28	313100 J005	015	2C	2C
007	PACS Gsens 2 Nom . SH101		PGH.-	-	P101	061SS-38	9			CS-P101	HPSVMCB1	28	313100 J005	007	1P	1P
-																
042	PACS Gsens sin Nom . sin		PGI.-	-	P102	021SS-38	10				HPSVMCB1	28	313100 J005	042	2C	2C
032	PACS Gsens sin Nom . sirtn		PGI.-	-	P102	021SS-38	10				HPSVMCB1	28	313100 J005	032	1P	1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 283 (of 464)

Connector: 211121 P004
CVVUCR

Function / Bundle: SIH-XP-15 (117-119;123;100-104;97-99)

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.											1P	2C
031	PACS Gsens sin Nom . SH102		PGI.-	-	P102	021SS-38	10			CS-P102	HPSVMCB1	28	313100 J005	031	1P	1P
-																
021	PACS Gsens cos Nom . cos		PGO.-	-	P103	021SS-38	11				HPSVMCB1	28	313100 J005	021	2C	2C
013	PACS Gsens cos Nom . cortn		PGO.-	-	P103	021SS-38	11				HPSVMCB1	28	313100 J005	013	1P	1P
022	PACS Gsens cos Nom . SH103		PGO.-	-	P103	021SS-38	11			CS-P103	HPSVMCB1	28	313100 J005	022	1P	1P
-																
004	PACS Gtsens Nom . drv		PGT.-	-	P104	041SS-38	12				HPSVMCB1	28	313100 J005	004	2C	2C
006	PACS Gtsens Nom . ns		PGT.-	-	P104	041SS-38	12				HPSVMCB1	28	313100 J005	006		
003	PACS Gtsens Nom . drrtn		PGT.-	-	P104	041SS-38	12				HPSVMCB1	28	313100 J005	003	1P	1P
005	PACS Gtsens Nom . srtn		PGT.-	-	P104	041SS-38	12				HPSVMCB1	28	313100 J005	005		
002	PACS Gtsens Nom . SH104		PGT.-	-	P104	041SS-38	12			CS-P104	HPSVMCB1	28	313100 J005	002	1P	1P
CH	Overall Shield									Overall Shield con to CH					1P	

Astrium GmbH

Project: HERSCHEL

Pin Allocation List
(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 284 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313100 J005
HPSVMCB1

Function / Bundle: SIH-XP-15 (117-117;123;97-99;100-104)

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.											1P	1P
099	PACS Cal BB1 nom . sens		PAD.-	-	P117	TP2BS-30	1		1		CVWUCR	33	211121 P004	099	1P	1P
091	PACS Cal BB1 nom . senRT		PAD.-	-	P117	TP2BS-30	1		1		CVWUCR	33	211121 P004	091	1P	1P
100	PACS Cal BB1 nom . drv		PAD.-	-	P117	TP2BS-30	1		2		CVWUCR	33	211121 P004	100	1P	1P
092	PACS Cal BB1 nom . drvRT		PAD.-	-	P117	TP2BS-30	1		2		CVWUCR	33	211121 P004	092	1P	1P
093	PACS Cal BB1 nom . SH117		PAD.-	-	P117	TP2BS-30	1			CS-P117	CVWUCR	33	211121 P004	093	1P	1P
-																
096	PACS Cal BB2 nom . sens		PAD.-	-	P118	TP2BS-30	2		3		CVWUCR	33	211121 P004	096	1P	1P
097	PACS Cal BB2 nom . senRT		PAD.-	-	P118	TP2BS-30	2		3		CVWUCR	33	211121 P004	097	1P	1P
098	PACS Cal BB2 nom . drv		PAD.-	-	P118	TP2BS-30	2		4		CVWUCR	33	211121 P004	098	1P	1P
090	PACS Cal BB2 nom . drvRT		PAD.-	-	P118	TP2BS-30	2		4		CVWUCR	33	211121 P004	090	1P	1P
089	PACS Cal BB2 nom . SH118		PAD.-	-	P118	TP2BS-30	2			CS-P118	CVWUCR	33	211121 P004	089	1P	1P
-																
095	PACS Cal BB1 tsens . drv		PAT.-	-	P119	041SS-38	3				CVWUCR	33	211121 P004	095	1P	1P
094	PACS Cal BB1 tsens . drvRT		PAT.-	-	P119	041SS-38	3				CVWUCR	33	211121 P004	094		
088	PACS Cal BB1 tsens . sens		PAT.-	-	P119	041SS-38	3				CVWUCR	33	211121 P004	088	2C	2C
087	PACS Cal BB1 tsens . senRT		PAT.-	-	P119	041SS-38	3				CVWUCR	33	211121 P004	087		
086	PACS Cal BB1 tsens . SH119		PAT.-	-	P119	041SS-38	3			CS-P119	CVWUCR	33	211121 P004	086	1P	1P
-																
082	PACS TS nom . drv		PTS.-	-	P123	081SS-38	4				CVWUCR	33	211121 P004	082	2C	2C
083	PACS TS nom . 1sens		PTS.-	-	P123	081SS-38	4				CVWUCR	33	211121 P004	083		
073	PACS TS nom . 1drRT		PTS.-	-	P123	081SS-38	4				CVWUCR	33	211121 P004	073		
074	PACS TS nom . 1seRT		PTS.-	-	P123	081SS-38	4				CVWUCR	33	211121 P004	074	1P	1P
084	PACS TS nom . 2sens		PTS.-	-	P123	081SS-38	4				CVWUCR	33	211121 P004	084		
085	PACS TS nom . 2drv		PTS.-	-	P123	081SS-38	4				CVWUCR	33	211121 P004	085		
075	PACS TS nom . 2seRT		PTS.-	-	P123	081SS-38	4				CVWUCR	33	211121 P004	075		
076	PACS TS nom . 2drRT		PTS.-	-	P123	081SS-38	4				CVWUCR	33	211121 P004	076		
081	PACS TS nom . SH123		PTS.-	-	P123	081SS-38	4			CS-P123	CVWUCR	33	211121 P004	081	1P	1P
-																
078	PACS Gdrv Coil LL Nom . 1n		PGC.-	-	P097	TP3BS-30	5		5		CVWUCR	33	211121 P004	078	1P	1P
068	PACS Gdrv Coil LL Nom . nrtn		PGC.-	-	P097	TP3BS-30	5		5		CVWUCR	33	211121 P004	068	1P	1P
079	PACS Gdrv Coil LL Nom . 2n		PGC.-	-	P097	TP3BS-30	5		6		CVWUCR	33	211121 P004	079	1P	1P
069	PACS Gdrv Coil LL Nom . 2nrtn		PGC.-	-	P097	TP3BS-30	5		6		CVWUCR	33	211121 P004	069	1P	1P
080	PACS Gdrv Coil LL Nom . drv		PGC.-	-	P097	TP3BS-30	5		7		CVWUCR	33	211121 P004	080	1P	1P
070	PACS Gdrv Coil LL Nom . drtrn		PGC.-	-	P097	TP3BS-30	5		7		CVWUCR	33	211121 P004	070	1P	1P

Pin Allocation List

(Harness)

Connector: 313100 J005
HPSVMCB1

Function / Bundle: SIH-XP-15 (117-117;123;97-99;100-104)

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.											1P	2C
077	PACS Gdrv Coil LL Nom . SH097		PGC.-	-	P097	TP3BS-30	5			CS-P097	CVWUCR	33	211121 P004	077	1P	1P
-																
065	PACS Gsensdrv Nom . drv		PGD.-	-	P099	021BS-30	6				CVWUCR	33	211121 P004	065	2C	2C
055	PACS Gsensdrv Nom . drtrn		PGD.-	-	P099	021BS-30	6				CVWUCR	33	211121 P004	055	1P	1P
066	PACS Gsensdrv Nom . SH099		PGD.-	-	P099	021BS-30	6			CS-P099	CVWUCR	33	211121 P004	066	1P	1P
-																
061	PACS Gdrv Switch Nom . drv1		PGS.-	-	P098	081SS-38	7				CVWUCR	33	211121 P004	061	2C	2C
062	PACS Gdrv Switch Nom . drv2		PGS.-	-	P098	081SS-38	7				CVWUCR	33	211121 P004	062		
052	PACS Gdrv Switch Nom . drtrn		PGS.-	-	P098	081SS-38	7				CVWUCR	33	211121 P004	052		
051	PACS Gdrv Switch Nom . drtrt2		PGS.-	-	P098	081SS-38	7				CVWUCR	33	211121 P004	051	1P	1P
053	PACS Gdrv Switch Nom . LLP		PGS.-	-	P098	081SS-38	7				CVWUCR	33	211121 P004	053		
063	PACS Gdrv Switch Nom . LL+		PGS.-	-	P098	081SS-38	7				CVWUCR	33	211121 P004	063		
064	PACS Gdrv Switch Nom . LL-		PGS.-	-	P098	081SS-38	7				CVWUCR	33	211121 P004	064		
054	PACS Gdrv Switch Nom . LLrtn		PGS.-	-	P098	081SS-38	7				CVWUCR	33	211121 P004	054		
050	PACS Gdrv Switch Nom . SH098		PGS.-	-	P098	081SS-38	7			CS-P098	CVWUCR	33	211121 P004	050	1P	1P
-																
044	PACS Gsens 1 Nom . dr1ns		PGH.-	-	P100	061SS-38	8				CVWUCR	33	211121 P004	044		
033	PACS Gsens 1 Nom . drv1n		PGH.-	-	P100	061SS-38	8				CVWUCR	33	211121 P004	033	2C	2C
033	PACS Gsens 1 Nom . drv1n		PGH.-	-	P100	061SS-38	8				CVWUCR	33	211121 P004	033	2C	2C
045	PACS Gsens 1 Nom . d1nsr		PGH.-	-	P100	061SS-38	8				CVWUCR	33	211121 P004	045	2C	2C
034	PACS Gsens 1 Nom . d1nrt		PGH.-	-	P100	061SS-38	8				CVWUCR	33	211121 P004	034	2C	2C
034	PACS Gsens 1 Nom . d1nrt		PGH.-	-	P100	061SS-38	8				CVWUCR	33	211121 P004	034	2C	2C
043	PACS Gsens 1 Nom . SH100		PGH.-	-	P100	061SS-38	8			CS-P100	CVWUCR	33	211121 P004	043	1P	1P
-																
023	PACS Gsens 2 Nom . dr2ns		PGH.-	-	P101	061SS-38	9				CVWUCR	33	211121 P004	023	2C	2C
024	PACS Gsens 2 Nom . drv2n		PGH.-	-	P101	061SS-38	9				CVWUCR	33	211121 P004	024	2C	2C
024	PACS Gsens 2 Nom . drv2n		PGH.-	-	P101	061SS-38	9				CVWUCR	33	211121 P004	024	2C	2C
014	PACS Gsens 2 Nom . d2nsr		PGH.-	-	P101	061SS-38	9				CVWUCR	33	211121 P004	014		
015	PACS Gsens 2 Nom . d2nrt		PGH.-	-	P101	061SS-38	9				CVWUCR	33	211121 P004	015	2C	2C
015	PACS Gsens 2 Nom . d2nrt		PGH.-	-	P101	061SS-38	9				CVWUCR	33	211121 P004	015	2C	2C
007	PACS Gsens 2 Nom . SH101		PGH.-	-	P101	061SS-38	9			CS-P101	CVWUCR	33	211121 P004	007	1P	1P
-																
042	PACS Gsens sin Nom . sin		PGI.-	-	P102	021SS-38	10				CVWUCR	33	211121 P004	042	2C	2C
032	PACS Gsens sin Nom . sirtn		PGI.-	-	P102	021SS-38	10				CVWUCR	33	211121 P004	032	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 287 (of 464)

Connector: 313100 J005
 HPSVMCB1

Function / Bundle: SIH-XP-15 (117-117;123;97-99;100-104)

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.											1P	2C
031	PACS Gsens sin Nom . SH102		PGI.-	-	P102	021SS-38	10			CS-P102	CVVUCR	33	211121 P004	031	1P	1P
-																
021	PACS Gsens cos Nom . cos		PGO.-	-	P103	021SS-38	11				CVVUCR	33	211121 P004	021	2C	2C
013	PACS Gsens cos Nom . cortn		PGO.-	-	P103	021SS-38	11				CVVUCR	33	211121 P004	013	1P	1P
022	PACS Gsens cos Nom . SH103		PGO.-	-	P103	021SS-38	11			CS-P103	CVVUCR	33	211121 P004	022	1P	1P
-																
004	PACS Gtsens Nom . drv		PGT.-	-	P104	041SS-38	12				CVVUCR	33	211121 P004	004	2C	2C
006	PACS Gtsens Nom . ns		PGT.-	-	P104	041SS-38	12				CVVUCR	33	211121 P004	006		
003	PACS Gtsens Nom . drrtn		PGT.-	-	P104	041SS-38	12				CVVUCR	33	211121 P004	003	1P	1P
005	PACS Gtsens Nom . srtn		PGT.-	-	P104	041SS-38	12				CVVUCR	33	211121 P004	005		
002	PACS Gtsens Nom . SH104		PGT.-	-	P104	041SS-38	12			CS-P104	CVVUCR	33	211121 P004	002	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 288 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313100 P008
HPSVMCB1

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b;24-31;75)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
107	PACS DC Supply Gr 1 . VDDa1		PD2.S -		P002	X02CC-28	1	002-1		TS4CC28	HPDECMC	18	132100 P151	003	1P 2C
116	PACS DC Supply Gr 1 . VDAs1		PD2.S -		P002	X02CC-28	1	002-1		TS4CC28	HPDECMC	18	132100 P151	022	1P 2C
123	PACS DC Supply Gr 1 . VSS1		PD2.S -		P002	X02CC-28	1	002-1		TS4CC28	HPDECMC	18	132100 P151	004	1P 2C
124	PACS DC Supply Gr 1 . VSSs1		PD2.S -		P002	X02CC-28	1	002-1		TS4CC28	HPDECMC	18	132100 P151	023	1P 2C
122	PACS DC Supply Gr 1 . SH002		PD2.S -		P002	X02CC-28	1	002-1		CS-002-1	HPDECMC	18	132100 P151	021	1P 1P
-															
108	PACS DC Supply Gr 1 . CaP1		PD2.S -		P002	X02CC-28	2	002-2		TS6CC28	HPDECMC	18	132100 P151	005	1P 2C
117	PACS DC Supply Gr 1 . CaPs1		PD2.S -		P002	X02CC-28	2	002-2		TS6CC28	HPDECMC	18	132100 P151	024	1P 2C
109	PACS DC Supply Gr 1 . CaN1		PD2.S -		P002	X02CC-28	2	002-2		TS6CC28	HPDECMC	18	132100 P151	006	1P 2C
118	PACS DC Supply Gr 1 . CaNs1		PD2.S -		P002	X02CC-28	2	002-2		TS6CC28	HPDECMC	18	132100 P151	025	1P 2C
125	PACS DC Supply Gr 1 . CaN11		PD2.S -		P002	X02CC-28	2	002-2		TS6CC28	HPDECMC	18	132100 P151	007	1P 2C
126	PACS DC Supply Gr 1 . CN1s1		PD2.S -		P002	X02CC-28	2	002-2		TS6CC28	HPDECMC	18	132100 P151	026	1P 2C
122	PACS DC Supply Gr 1 . SH002		PD2.S -		P002	X02CC-28	2	002-2		CS-002-2	HPDECMC	18	132100 P151	021	1P 1P
-															
110	PACS DC Supply Gr 1 . CaN21		PD2.S -		P002	X02CC-28	3	002-3		TS6CC28	HPDECMC	18	132100 P151	008	1P 2C
119	PACS DC Supply Gr 1 . CN2s1		PD2.S -		P002	X02CC-28	3	002-3		TS6CC28	HPDECMC	18	132100 P151	027	1P 2C
127	PACS DC Supply Gr 1 . VDDr1		PD2.S -		P002	X02CC-28	3	002-3		TS6CC28	HPDECMC	18	132100 P151	009	1P 2C
128	PACS DC Supply Gr 1 . VDrs1		PD2.S -		P002	X02CC-28	3	002-3		TS6CC28	HPDECMC	18	132100 P151	028	1P 2C
111	PACS DC Supply Gr 1 . LVL1		PD2.S -		P002	X02CC-28	3	002-3		TS6CC28	HPDECMC	18	132100 P151	010	1P 2C
120	PACS DC Supply Gr 1 . LVLs1		PD2.S -		P002	X02CC-28	3	002-3		TS6CC28	HPDECMC	18	132100 P151	029	1P 2C
122	PACS DC Supply Gr 1 . SH002		PD2.S -		P002	X02CC-28	3	002-3		CS-002-3	HPDECMC	18	132100 P151	021	1P 1P
-															
121	PACS DC Supply Gr 1 . WELL1		PD2.S -		P002	X02CC-28	4	002-4		TS4CC28	HPDECMC	18	132100 P151	011	1P 2C
114	PACS DC Supply Gr 1 . WELs1		PD2.S -		P002	X02CC-28	4	002-4		TS4CC28	HPDECMC	18	132100 P151	030	1P 2C
112	PACS DC Supply Gr 1 . SUB1		PD2.S -		P002	X02CC-28	4	002-4		TS4CC28	HPDECMC	18	132100 P151	012	1P 2C
113	PACS DC Supply Gr 1 . SUBs1		PD2.S -		P002	X02CC-28	4	002-4		TS4CC28	HPDECMC	18	132100 P151	031	1P 2C
122	PACS DC Supply Gr 1 . SH002		PD2.S -		P002	X02CC-28	4	002-4		CS-002-4	HPDECMC	18	132100 P151	021	1P 1P
-															
104	PACS Detec Bias Gr 1 . Zero1		PD3.S -		P003	TS6CC-28	5				HPDECMC	18	132100 P151	032	2C
103	PACS Detec Bias Gr 1 . Zers1		PD3.S -		P003	TS6CC-28	5				HPDECMC	18	132100 P151	014	
092	PACS Detec Bias Gr 1 . Gnd1		PD3.S -		P003	TS6CC-28	5				HPDECMC	18	132100 P151	033	
102	PACS Detec Bias Gr 1 . GnSe1		PD3.S -		P003	TS6CC-28	5				HPDECMC	18	132100 P151	015	
093	PACS Detec Bias Gr 1 . R1		PD3.S -		P003	TS6CC-28	5				HPDECMC	18	132100 P151	034	

Pin Allocation List

(Harness)

Connector: 313100 P008
 HPSVMCB1

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b;24-31;75)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.												
091	PACS Detec Bias Gr 1 . Rs1		PD3.S -		P003	TS6CC-28	5				HPDECMEC	18	132100 P151	016		
090	PACS Detec Bias Gr 1 . SH003		PD3.S -		P003	TS6CC-28	5		CS-P003		HPDECMEC	18	132100 P151	013	1P	1P
-																
089	PACS Logic Supply Gr 1 . SELC1		PD1.S -		P001	X07CC-28	6	001-1	TS3CC-28		HPDECMEC	18	132100 P153	001	1P	1P
101	PACS Logic Supply Gr 1 . SEL11		PD1.S -		P001	X07CC-28	6	001-1	TS3CC-28		HPDECMEC	18	132100 P153	009	1P	1P
100	PACS Logic Supply Gr 1 . SEL21		PD1.S -		P001	X07CC-28	6	001-1	TS3CC-28		HPDECMEC	18	132100 P153	002	1P	1P
085	PACS Logic Supply Gr 1 . SH001		PD1.S -		P001	X07CC-28	6	001-1	CS-001-1		HPDECMEC	18	132100 P153	013	1P	1P
-																
088	PACS Logic Supply Gr 1 . CaDs1		PD1.S -		P001	X07CC-28	7	001-2	TS6CC-28		HPDECMEC	18	132100 P153	010	1P	1P
087	PACS Logic Supply Gr 1 . CaD1		PD1.S -		P001	X07CC-28	7	001-2	TS6CC-28		HPDECMEC	18	132100 P153	003	1P	1P
099	PACS Logic Supply Gr 1 . CnDs1		PD1.S -		P001	X07CC-28	7	001-2	TS6CC-28		HPDECMEC	18	132100 P153	011	1P	1P
098	PACS Logic Supply Gr 1 . CnD1		PD1.S -		P001	X07CC-28	7	001-2	TS6CC-28		HPDECMEC	18	132100 P153	004	1P	1P
086	PACS Logic Supply Gr 1 . VDDs1		PD1.S -		P001	X07CC-28	7	001-2	TS6CC-28		HPDECMEC	18	132100 P153	012	1P	1P
097	PACS Logic Supply Gr 1 . VDDd1		PD1.S -		P001	X07CC-28	7	001-2	TS6CC-28		HPDECMEC	18	132100 P153	005	1P	1P
085	PACS Logic Supply Gr 1 . SH001		PD1.S -		P001	X07CC-28	7	001-2	CS-001-2		HPDECMEC	18	132100 P153	013	1P	1P
-																
070	PACS Detec Out 01 1 . 1		PDO.S -		P017	SD1CC-28	8		Copper TRIAX		HPDECMEC	18	132100 P155	002	2C	1P
069	PACS Detec Out 01 1 . I		PDO.S -		P017	SD1CC-28	8		inner Shield		HPDECMEC	18	132100 P155	014		
081	PACS Detec Out 01 1 . O		PDO.S -		P017	SD1CC-28	8		outer Shield		HPDECMEC	18	132100 P155	015		
-																
079	PACS Detec Out 02 1 . 1		PDO.S -		P018	SD1CC-28	9		Copper TRIAX		HPDECMEC	18	132100 P155	016	2C	1P
080	PACS Detec Out 02 1 . I		PDO.S -		P018	SD1CC-28	9		inner Shield		HPDECMEC	18	132100 P155	003		
068	PACS Detec Out 02 1 . O		PDO.S -		P018	SD1CC-28	9		outer Shield		HPDECMEC	18	132100 P155	004		
-																
066	PACS Detec Out 03 1 . 1		PDO.S -		P019	SD1CC-28	10		Copper TRIAX		HPDECMEC	18	132100 P155	005	2C	1P
078	PACS Detec Out 03 1 . I		PDO.S -		P019	SD1CC-28	10		inner Shield		HPDECMEC	18	132100 P155	017		
067	PACS Detec Out 03 1 . O		PDO.S -		P019	SD1CC-28	10		outer Shield		HPDECMEC	18	132100 P155	018		
-																
076	PACS Detec Out 04 1 . 1		PDO.S -		P020	SD1CC-28	11		Copper TRIAX		HPDECMEC	18	132100 P155	019	2C	1P
065	PACS Detec Out 04 1 . I		PDO.S -		P020	SD1CC-28	11		inner Shield		HPDECMEC	18	132100 P155	006		
077	PACS Detec Out 04 1 . O		PDO.S -		P020	SD1CC-28	11		outer Shield		HPDECMEC	18	132100 P155	007		
-																
073	PACS Detec Out 05 1 . 1		PDO.S -		P021	SD1CC-28	12		Copper TRIAX		HPDECMEC	18	132100 P155	008	2C	1P

Pin Allocation List

(Harness)

Connector: 313100 P008
 HPSVMCB1

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b;24-31;75)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
062	PACS Detec Out 05 1 . I		PDO.S -		P021	SD1CC-28	12			inner Shield	HPDECMC	18	132100 P155	020	
074	PACS Detec Out 05 1 . O		PDO.S -		P021	SD1CC-28	12			outer Shield	HPDECMC	18	132100 P155	021	
-															
095	PACS Detec Out 06 1 . 1		PDO.S -		P022	SD1CC-28	13			Copper TRIAX	HPDECMC	18	132100 P155	022	2C 1P
084	PACS Detec Out 06 1 . I		PDO.S -		P022	SD1CC-28	13			inner Shield	HPDECMC	18	132100 P155	009	
096	PACS Detec Out 06 1 . O		PDO.S -		P022	SD1CC-28	13			outer Shield	HPDECMC	18	132100 P155	010	
-															
071	PACS Detec Out 07 1 . 1		PDO.S -		P023	SD1CC-28	14			Copper TRIAX	HPDECMC	18	132100 P155	011	2C 1P
083	PACS Detec Out 07 1 . I		PDO.S -		P023	SD1CC-28	14			inner Shield	HPDECMC	18	132100 P155	023	
072	PACS Detec Out 07 1 . O		PDO.S -		P023	SD1CC-28	14			outer Shield	HPDECMC	18	132100 P155	024	
-															
048	PACS Detec Outref a Gr 1 . 1		PDR.S -		P13A	SD1CC-28	15			Copper TRIAX	HPDECMC	18	132100 P155	025	2C 1P
049	PACS Detec Outref a Gr 1 . I		PDR.S -		P13A	SD1CC-28	15			inner Shield	HPDECMC	18	132100 P155	012	
060	PACS Detec Outref a Gr 1 . O		PDR.S -		P13A	SD1CC-28	15			outer Shield	HPDECMC	18	132100 P155	013	
-															
063	PACS Detec Out 08 1 . 1		PDO.S -		P024	SD1CC-28	16			Copper TRIAX	HPDECMC	18	132100 P157	002	2C 1P
075	PACS Detec Out 08 1 . I		PDO.S -		P024	SD1CC-28	16			inner Shield	HPDECMC	18	132100 P157	014	
064	PACS Detec Out 08 1 . O		PDO.S -		P024	SD1CC-28	16			outer Shield	HPDECMC	18	132100 P157	015	
-															
047	PACS Detec Out 09 1 . 1		PDO.S -		P025	SD1CC-28	17			Copper TRIAX	HPDECMC	18	132100 P157	016	2C 1P
046	PACS Detec Out 09 1 . I		PDO.S -		P025	SD1CC-28	17			inner Shield	HPDECMC	18	132100 P157	003	
058	PACS Detec Out 09 1 . O		PDO.S -		P025	SD1CC-28	17			outer Shield	HPDECMC	18	132100 P157	004	
-															
057	PACS Detec Out 10 1 . 1		PDO.S -		P026	SD1CC-28	18			Copper TRIAX	HPDECMC	18	132100 P157	005	2C 1P
056	PACS Detec Out 10 1 . I		PDO.S -		P026	SD1CC-28	18			inner Shield	HPDECMC	18	132100 P157	017	
045	PACS Detec Out 10 1 . O		PDO.S -		P026	SD1CC-28	18			outer Shield	HPDECMC	18	132100 P157	018	
-															
044	PACS Detec Out 11 1 . 1		PDO.S -		P027	SD1CC-28	19			Copper TRIAX	HPDECMC	18	132100 P157	019	2C 1P
043	PACS Detec Out 11 1 . I		PDO.S -		P027	SD1CC-28	19			inner Shield	HPDECMC	18	132100 P157	006	
055	PACS Detec Out 11 1 . O		PDO.S -		P027	SD1CC-28	19			outer Shield	HPDECMC	18	132100 P157	007	
-															
042	PACS Detec Out 12 1 . 1		PDO.S -		P028	SD1CC-28	20			Copper TRIAX	HPDECMC	18	132100 P157	008	2C 1P
053	PACS Detec Out 12 1 . I		PDO.S -		P028	SD1CC-28	20			inner Shield	HPDECMC	18	132100 P157	020	

Pin Allocation List

(Harness)

Connector: 313100 P008
 HPSVMCB1

Function / Bundle: SIH-XP-01 (1-3;13a;17-23;13b;24-31;75)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.												
054	PACS Detec Out 12 1 . O		PDO.S -		P028	SD1CC-28	20			outer Shield	HPDECMC	18	132100 P157	021		
-																
040	PACS Detec Out 13 1 . 1		PDO.S -		P029	SD1CC-28	21			Copper TRIAX	HPDECMC	18	132100 P157	022	2C	1P
041	PACS Detec Out 13 1 . I		PDO.S -		P029	SD1CC-28	21			inner Shield	HPDECMC	18	132100 P157	009		
052	PACS Detec Out 13 1 . O		PDO.S -		P029	SD1CC-28	21			outer Shield	HPDECMC	18	132100 P157	010		
-																
050	PACS Detec Outref b Gr 1 . 1		PDR.S -		P13B	SD1CC-28	22			Copper TRIAX	HPDECMC	18	132100 P157	011	2C	1P
039	PACS Detec Outref b Gr 1 . I		PDR.S -		P13B	SD1CC-28	22			inner Shield	HPDECMC	18	132100 P157	023		
051	PACS Detec Outref b Gr 1 . O		PDR.S -		P13B	SD1CC-28	22			outer Shield	HPDECMC	18	132100 P157	024		
-																
017	PACS Detec Synch Gr 1 . SIG		PDS.S -		P030	SS1CC-28	23				HPDECMC	18	132100 P157	012	1P	1P
009	PACS Detec Synch Gr 1 . SH030		PDS.S -		P030	SS1CC-28	23			CS-P030	HPDECMC	18	132100 P157	025	1P	1P
-																
018	PACS Detec Clock Gr 1 . SIG		PDC.S -		P031	SS1CC-28	24				HPDECMC	18	132100 P157	013	1P	1P
028	PACS Detec Clock Gr 1 . SH031		PDC.S -		P031	SS1CC-28	24			CS-P031	HPDECMC	18	132100 P157	025	1P	1P
-																
020	PACS Detec Tsens 1/2 . I161		PDT.S -		P075	TS5CC-28	25	075-1			HPDECMC	18	132100 P178	009	1P	1P
031	PACS Detec Tsens 1/2 . U161		PDT.S -		P075	TS5CC-28	25	075-1			HPDECMC	18	132100 P178	002	1P	1P
021	PACS Detec Tsens 1/2 . U261		PDT.S -		P075	TS5CC-28	25	075-1			HPDECMC	18	132100 P178	010	1P	1P
032	PACS Detec Tsens 1/2 . U361		PDT.S -		P075	TS5CC-28	25	075-1			HPDECMC	18	132100 P178	003	1P	1P
022	PACS Detec Tsens 1/2 . I261		PDT.S -		P075	TS5CC-28	25	075-1			HPDECMC	18	132100 P178	011	1P	1P
030	PACS Detec Tsens 1/2 . SH075		PDT.S -		P075	TS5CC-28		075-1		CS-075-1	HPDECMC	18	132100 P178	001	1P	1P
-																
033	PACS Detec Tsens 1/2 . I1192		PDT.S -		P075	TS5CC-28	26	075-2			HPDECMC	18	132100 P178	004	1P	1P
023	PACS Detec Tsens 1/2 . U1192		PDT.S -		P075	TS5CC-28	26	075-2			HPDECMC	18	132100 P178	012	1P	1P
034	PACS Detec Tsens 1/2 . U2192		PDT.S -		P075	TS5CC-28	26	075-2			HPDECMC	18	132100 P178	005	1P	1P
024	PACS Detec Tsens 1/2 . U3192		PDT.S -		P075	TS5CC-28	26	075-2			HPDECMC	18	132100 P178	013	1P	1P
035	PACS Detec Tsens 1/2 . I2192		PDT.S -		P075	TS5CC-28	26	075-2			HPDECMC	18	132100 P178	006	1P	1P
030	PACS Detec Tsens 1/2 . SH075		PDT.S -		P075	TS5CC-28	26	075-2		CS-075-2	HPDECMC	18	132100 P178	001	1P	1P
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132100 P151
HPDECMEC

Function / Bundle: DEC2 to FPUSIH-XP-01 (2,3)

Conn.-Type: SCC340100201BDCMA37PNMBFO

Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
003	PACS DC Supply Gr 1 . VDDa1		PD2.S -		P002	X02CC-28	1			TS4CC-28	HPSVMCB1	28	313100 P008	107	2C 1P
022	PACS DC Supply Gr 1 . VDAs1		PD2.S -		P002	X02CC-28	1			TS4CC-28	HPSVMCB1	28	313100 P008	116	2C 1P
004	PACS DC Supply Gr 1 . VSS1		PD2.S -		P002	X02CC-28	1			TS4CC-28	HPSVMCB1	28	313100 P008	123	2C 1P
023	PACS DC Supply Gr 1 . VSSs1		PD2.S -		P002	X02CC-28	1			TS4CC-28	HPSVMCB1	28	313100 P008	124	2C 1P
021	PACS DC Supply Gr 1 . SH002		PD2.S -		P002	X02CC-28	1			CS-002-1	HPSVMCB1	28	313100 P008	122	1P 1P
-															
005	PACS DC Supply Gr 1 . CaP1		PD2.S -		P002	X02CC-28	2			TS6CC-28	HPSVMCB1	28	313100 P008	108	2C 1P
024	PACS DC Supply Gr 1 . CaPs1		PD2.S -		P002	X02CC-28	2			TS6CC-28	HPSVMCB1	28	313100 P008	117	2C 1P
006	PACS DC Supply Gr 1 . CaN1		PD2.S -		P002	X02CC-28	2			TS6CC-28	HPSVMCB1	28	313100 P008	109	2C 1P
025	PACS DC Supply Gr 1 . CaNs1		PD2.S -		P002	X02CC-28	2			TS6CC-28	HPSVMCB1	28	313100 P008	118	2C 1P
007	PACS DC Supply Gr 1 . CaN11		PD2.S -		P002	X02CC-28	2			TS6CC-28	HPSVMCB1	28	313100 P008	125	2C 1P
026	PACS DC Supply Gr 1 . CN1s1		PD2.S -		P002	X02CC-28	2			TS6CC-28	HPSVMCB1	28	313100 P008	126	2C 1P
021	PACS DC Supply Gr 1 . SH002		PD2.S -		P002	X02CC-28				CS- 002-2	HPSVMCB1	28	313100 P008	122	1P 1P
-															
008	PACS DC Supply Gr 1 . CaN21		PD2.S -		P002	X02CC-28	3			TS6CC-28	HPSVMCB1	28	313100 P008	110	2C 1P
027	PACS DC Supply Gr 1 . CN2s1		PD2.S -		P002	X02CC-28	3			TS6CC-28	HPSVMCB1	28	313100 P008	119	2C 1P
009	PACS DC Supply Gr 1 . VDDr1		PD2.S -		P002	X02CC-28	3			TS6CC-28	HPSVMCB1	28	313100 P008	127	2C 1P
028	PACS DC Supply Gr 1 . VDrs1		PD2.S -		P002	X02CC-28	3			TS6CC-28	HPSVMCB1	28	313100 P008	128	2C 1P
010	PACS DC Supply Gr 1 . LVL1		PD2.S -		P002	X02CC-28	3			TS6CC-28	HPSVMCB1	28	313100 P008	111	2C 1P
029	PACS DC Supply Gr 1 . LVLs1		PD2.S -		P002	X02CC-28	3			TS6CC-28	HPSVMCB1	28	313100 P008	120	2C 1P
021	PACS DC Supply Gr 1 . SH002		PD2.S -		P002	X02CC-28	3			CS-002-3	HPSVMCB1	28	313100 P008	122	1P 1P
-															
011	PACS DC Supply Gr 1 . WELL1		PD2.S -		P002	X02CC-28	1			TS4CC-28	HPSVMCB1	28	313100 P008	121	2C 1P
030	PACS DC Supply Gr 1 . WELs1		PD2.S -		P002	X02CC-28	1			TS4CC-28	HPSVMCB1	28	313100 P008	114	2C 1P
012	PACS DC Supply Gr 1 . SUB1		PD2.S -		P002	X02CC-28	1			TS4CC-28	HPSVMCB1	28	313100 P008	112	2C 1P
031	PACS DC Supply Gr 1 . SUBs1		PD2.S -		P002	X02CC-28	1			TS4CC-28	HPSVMCB1	28	313100 P008	113	2C 1P
021	PACS DC Supply Gr 1 . SH002		PD2.S -		P002	X02CC-28	1			CS-002-4	HPSVMCB1	28	313100 P008	122	1P 1P
-															
032	PACS Detec Bias Gr 1 . Zero1		PD3.S -		P003	TS6CC-28	2				HPSVMCB1	28	313100 P008	104	2C
014	PACS Detec Bias Gr 1 . Zers1		PD3.S -		P003	TS6CC-28	2				HPSVMCB1	28	313100 P008	103	
033	PACS Detec Bias Gr 1 . Gnd1		PD3.S -		P003	TS6CC-28	2				HPSVMCB1	28	313100 P008	092	
015	PACS Detec Bias Gr 1 . GnSe1		PD3.S -		P003	TS6CC-28	2				HPSVMCB1	28	313100 P008	102	
034	PACS Detec Bias Gr 1 . R1		PD3.S -		P003	TS6CC-28	2				HPSVMCB1	28	313100 P008	093	

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 294 (of 464)

Connector: 132100 P151
 HPDECMEC

Function / Bundle: DEC2 to FPUSIH-XP-01 (2,3)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
016	PACS Detec Bias Gr 1 . Rs1		PD3.S -		P003	TS6CC-28	2				HPSVMCB1	28	313100 P008	091		
013	PACS Detec Bias Gr 1 . SH003		PD3.S -		P003	TS6CC-28	2		CS-P003		HPSVMCB1	28	313100 P008	090	1P	1P
001	NC															
020	NC															
002	NC															
035	NC															
017	NC															
036	NC															
018	NC															
037	NC															
019	NC															
CH	Overall Shield								Overall Shield con to CH							1P

Pin Allocation List

(Harness)

Connector: 132100 P153
HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-01 (1)

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-34-15

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS Logic Supply Gr 1 . SELC1		PD1.S -		P001	X07CC-28	1	001-1		TS3CC-28	HPSVMCB1	28	313100 P008	089	1P 1P
009	PACS Logic Supply Gr 1 . SEL11		PD1.S -		P001	X07CC-28	1	001-1		TS3CC-28	HPSVMCB1	28	313100 P008	101	1P 1P
002	PACS Logic Supply Gr 1 . SEL21		PD1.S -		P001	X07CC-28	1	001-1		TS3CC-28	HPSVMCB1	28	313100 P008	100	1P 1P
013	PACS Logic Supply Gr 1 . SH001		PD1.S -		P001	X07CC-28	1	001-1		CS-001-1	HPSVMCB1	28	313100 P008	085	1P 1P
-															
010	PACS Logic Supply Gr 1 . CaDs1		PD1.S -		P001	X07CC-28	2	001-2		TS6CC-28	HPSVMCB1	28	313100 P008	088	1P 1P
003	PACS Logic Supply Gr 1 . CaD1		PD1.S -		P001	X07CC-28	2	001-2		TS6CC-28	HPSVMCB1	28	313100 P008	087	1P 1P
011	PACS Logic Supply Gr 1 . CnDs1		PD1.S -		P001	X07CC-28	2	001-2		TS6CC-28	HPSVMCB1	28	313100 P008	099	1P 1P
004	PACS Logic Supply Gr 1 . CnD1		PD1.S -		P001	X07CC-28	2	001-2		TS6CC-28	HPSVMCB1	28	313100 P008	098	1P 1P
012	PACS Logic Supply Gr 1 . VDDs1		PD1.S -		P001	X07CC-28	2	001-2		TS6CC-28	HPSVMCB1	28	313100 P008	086	1P 1P
005	PACS Logic Supply Gr 1 . VDDd1		PD1.S -		P001	X07CC-28	2	001-2		TS6CC-28	HPSVMCB1	28	313100 P008	097	1P 1P
013	PACS Logic Supply Gr 1 . SH001		PD1.S -		P001	X07CC-28	2	001-2		CS-001-2	HPSVMCB1	28	313100 P008	085	1P 1P
006	NC														
014	NC														
007	NC														
015	NC														
008	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0

Date : 26.11.2004

Sheet : 296 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P155
HPDECMEC

Function / Bundle: DEC2 FPU S SIH-XP-01 (13a,17-23)

Conn.-Type: SCC340100201BDBMA25PNMBFO

Backshell: CA-69-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 01 1 . 1		PDO.S -		P017	SD1CC-28	1			Copper TRIAX	HPSVMCB1	28	313100 P008	070	1P 2C
014	PACS Detec Out 01 1 . I	SHD	PDO.S -		P017	SD1CC-28	1			inner Shield	HPSVMCB1	28	313100 P008	069	
015	PACS Detec Out 01 1 . O	SHD	PDO.S -		P017	SD1CC-28	1			outer Shield	HPSVMCB1	28	313100 P008	081	
-															
016	PACS Detec Out 02 1 . 1		PDO.S -		P018	SD1CC-28	2			Copper TRIAX	HPSVMCB1	28	313100 P008	079	1P 2C
003	PACS Detec Out 02 1 . I	SHD	PDO.S -		P018	SD1CC-28	2			inner Shield	HPSVMCB1	28	313100 P008	080	
004	PACS Detec Out 02 1 . O	SHD	PDO.S -		P018	SD1CC-28	2			outer Shield	HPSVMCB1	28	313100 P008	068	
-															
005	PACS Detec Out 03 1 . 1		PDO.S -		P019	SD1CC-28	3			Copper TRIAX	HPSVMCB1	28	313100 P008	066	1P 2C
017	PACS Detec Out 03 1 . I	SHD	PDO.S -		P019	SD1CC-28	3			inner Shield	HPSVMCB1	28	313100 P008	078	
018	PACS Detec Out 03 1 . O	SHD	PDO.S -		P019	SD1CC-28	3			outer Shield	HPSVMCB1	28	313100 P008	067	
-															
019	PACS Detec Out 04 1 . 1		PDO.S -		P020	SD1CC-28	4			Copper TRIAX	HPSVMCB1	28	313100 P008	076	1P 2C
006	PACS Detec Out 04 1 . I	SHD	PDO.S -		P020	SD1CC-28	4			inner Shield	HPSVMCB1	28	313100 P008	065	
007	PACS Detec Out 04 1 . O	SHD	PDO.S -		P020	SD1CC-28	4			outer Shield	HPSVMCB1	28	313100 P008	077	
-															
008	PACS Detec Out 05 1 . 1		PDO.S -		P021	SD1CC-28	5			Copper TRIAX	HPSVMCB1	28	313100 P008	073	1P 2C
020	PACS Detec Out 05 1 . I	SHD	PDO.S -		P021	SD1CC-28	5			inner Shield	HPSVMCB1	28	313100 P008	062	
021	PACS Detec Out 05 1 . O	SHD	PDO.S -		P021	SD1CC-28	5			outer Shield	HPSVMCB1	28	313100 P008	074	
-															
022	PACS Detec Out 06 1 . 1		PDO.S -		P022	SD1CC-28	6			Copper TRIAX	HPSVMCB1	28	313100 P008	095	1P 2C
009	PACS Detec Out 06 1 . I	SHD	PDO.S -		P022	SD1CC-28	6			inner Shield	HPSVMCB1	28	313100 P008	084	
010	PACS Detec Out 06 1 . O	SHD	PDO.S -		P022	SD1CC-28	6			outer Shield	HPSVMCB1	28	313100 P008	096	
-															
011	PACS Detec Out 07 1 . 1		PDO.S -		P023	SD1CC-28	7			Copper TRIAX	HPSVMCB1	28	313100 P008	071	1P 2C
023	PACS Detec Out 07 1 . I	SHD	PDO.S -		P023	SD1CC-28	7			inner Shield	HPSVMCB1	28	313100 P008	083	
024	PACS Detec Out 07 1 . O	SHD	PDO.S -		P023	SD1CC-28	7			outer Shield	HPSVMCB1	28	313100 P008	072	
-															
025	PACS Detec Outref a Gr 1 . 1		PDR.S -		P13A	SD1CC-28	8			Copper TRIAX	HPSVMCB1	28	313100 P008	048	1P 2C
012	PACS Detec Outref a Gr 1 . I	SHD	PDR.S -		P13A	SD1CC-28	8			inner Shield	HPSVMCB1	28	313100 P008	049	
013	PACS Detec Outref a Gr 1 . O	SHD	PDR.S -		P13A	SD1CC-28	8			outer Shield	HPSVMCB1	28	313100 P008	060	
001	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 298 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P157
HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-01 (13b,24-31)

Conn.-Type: SCC340100201BDBMA25PNMBFO

Backshell: CA-69-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 08 1 . 1		PDO.S -		P024	SD1CC-28	2			Copper TRIAX	HPSVMCB1	28	313100 P008	063	1P 2C
014	PACS Detec Out 08 1 . I	SHD	PDO.S -		P024	SD1CC-28	2			inner Shield	HPSVMCB1	28	313100 P008	075	
015	PACS Detec Out 08 1 . O	SHD	PDO.S -		P024	SD1CC-28	2			outer Shield	HPSVMCB1	28	313100 P008	064	
-															
016	PACS Detec Out 09 1 . 1		PDO.S -		P025	SD1CC-28	3			Copper TRIAX	HPSVMCB1	28	313100 P008	047	1P 2C
003	PACS Detec Out 09 1 . I	SHD	PDO.S -		P025	SD1CC-28	3			inner Shield	HPSVMCB1	28	313100 P008	046	
004	PACS Detec Out 09 1 . O	SHD	PDO.S -		P025	SD1CC-28	3			outer Shield	HPSVMCB1	28	313100 P008	058	
-															
005	PACS Detec Out 10 1 . 1		PDO.S -		P026	SD1CC-28	4			Copper TRIAX	HPSVMCB1	28	313100 P008	057	1P 2C
017	PACS Detec Out 10 1 . I	SHD	PDO.S -		P026	SD1CC-28	4			inner Shield	HPSVMCB1	28	313100 P008	056	
018	PACS Detec Out 10 1 . O	SHD	PDO.S -		P026	SD1CC-28	4			outer Shield	HPSVMCB1	28	313100 P008	045	
-															
019	PACS Detec Out 11 1 . 1		PDO.S -		P027	SD1CC-28	5			Copper TRIAX	HPSVMCB1	28	313100 P008	044	1P 2C
006	PACS Detec Out 11 1 . I	SHD	PDO.S -		P027	SD1CC-28	5			inner Shield	HPSVMCB1	28	313100 P008	043	
007	PACS Detec Out 11 1 . O	SHD	PDO.S -		P027	SD1CC-28	5			outer Shield	HPSVMCB1	28	313100 P008	055	
-															
008	PACS Detec Out 12 1 . 1		PDO.S -		P028	SD1CC-28	6			Copper TRIAX	HPSVMCB1	28	313100 P008	042	1P 2C
020	PACS Detec Out 12 1 . I	SHD	PDO.S -		P028	SD1CC-28	6			inner Shield	HPSVMCB1	28	313100 P008	053	
021	PACS Detec Out 12 1 . O	SHD	PDO.S -		P028	SD1CC-28	6			outer Shield	HPSVMCB1	28	313100 P008	054	
-															
022	PACS Detec Out 13 1 . 1		PDO.S -		P029	SD1CC-28	7			Copper TRIAX	HPSVMCB1	28	313100 P008	040	1P 2C
009	PACS Detec Out 13 1 . I	SHD	PDO.S -		P029	SD1CC-28	7			inner Shield	HPSVMCB1	28	313100 P008	041	
010	PACS Detec Out 13 1 . O	SHD	PDO.S -		P029	SD1CC-28	7			outer Shield	HPSVMCB1	28	313100 P008	052	
-															
011	PACS Detec Outref b Gr 1 . 1		PDR.S -		P13B	SD1CC-28	8			Copper TRIAX	HPSVMCB1	28	313100 P008	050	1P 2C
023	PACS Detec Outref b Gr 1 . I		PDR.S -		P13B	SD1CC-28	8			inner Shield	HPSVMCB1	28	313100 P008	039	
024	PACS Detec Outref b Gr 1 . O		PDR.S -		P13B	SD1CC-28	8			outer Shield	HPSVMCB1	28	313100 P008	051	
-															
012	PACS Detec Synch Gr 1 . SIG		PDS.S -		P030	SS1CC-28	9				HPSVMCB1	28	313100 P008	017	1P 1P
025	PACS Detec Synch Gr 1 . SH030	SHD	PDS.S -		P030	SS1CC-28	9			CS-P030	HPSVMCB1	28	313100 P008	009	1P 1P
-															
013	PACS Detec Clock Gr 1 . SIG		PDC.S -		P031	SS1CC-28	1				HPSVMCB1	28	313100 P008	018	1P 1P
025	PACS Detec Clock Gr 1 . SH031	SHD	PDC.S -		P031	SS1CC-28	1			CS-P031	HPSVMCB1	28	313100 P008	028	1P 1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 300 (of 464)

Connector: 132100 P157
HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-01 (13b,24-31)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-69-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P178
HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-01 (75)

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-24-15

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
009	PACS Detec Tsens 1/2 . I161		PDT.S -		P075	TS5CC-28	1	075-1			HPSVMCB1	28	313100 P008	020	1P 1P
002	PACS Detec Tsens 1/2 . U161		PDT.S -		P075	TS5CC-28	1	075-1			HPSVMCB1	28	313100 P008	031	1P 1P
010	PACS Detec Tsens 1/2 . U261		PDT.S -		P075	TS5CC-28	1	075-1			HPSVMCB1	28	313100 P008	021	1P 1P
003	PACS Detec Tsens 1/2 . U361		PDT.S -		P075	TS5CC-28	1	075-1			HPSVMCB1	28	313100 P008	032	1P 1P
011	PACS Detec Tsens 1/2 . I261		PDT.S -		P075	TS5CC-28	1	075-1			HPSVMCB1	28	313100 P008	022	1P 1P
001	PACS Detec Tsens 1/2 . SH075		PDT.S -		P075	TS5CC-28	1	075-1	CS-075-1		HPSVMCB1	28	313100 P008	030	1P 1P
-															
004	PACS Detec Tsens 1/2 . I1192		PDT.S -		P075	TS5CC-28	2	075-2			HPSVMCB1	28	313100 P008	033	1P 1P
012	PACS Detec Tsens 1/2 . U1192		PDT.S -		P075	TS5CC-28	2	075-2			HPSVMCB1	28	313100 P008	023	1P 1P
005	PACS Detec Tsens 1/2 . U2192		PDT.S -		P075	TS5CC-28	2	075-2			HPSVMCB1	28	313100 P008	034	1P 1P
013	PACS Detec Tsens 1/2 . U3192		PDT.S -		P075	TS5CC-28	2	075-2			HPSVMCB1	28	313100 P008	024	1P 1P
006	PACS Detec Tsens 1/2 . I2192		PDT.S -		P075	TS5CC-28	2	075-2			HPSVMCB1	28	313100 P008	035	1P 1P
001	PACS Detec Tsens 1/2 . SH075		PDT.S -		P075	TS5CC-28	2	075-2	CS-075-2		HPSVMCB1	28	313100 P008	030	1P 1P
014	NC														
007	NC														
015	NC														
008	NC														
CH	Overall Shield								Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 302 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313100 P007
HPSVMCB1

Function / Bundle: SIH-XP-02 (14a;14b;32-45;4-6)

Conn.-Type: SCC340104401B06G2235SN

Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
093	PACS Detec Out 21 . 2		PDO.S -		P039	SD1CC-28	1			Copper TRIAX	HPDECMEC	18	132100 P168	002	1P 1P
092	PACS Detec Out 21 . I		PDO.S -		P039	SD1CC-28	1			inner Shield	HPDECMEC	18	132100 P168	014	
100	PACS Detec Out 21 . O		PDO.S -		P039	SD1CC-28	1			outer Shield	HPDECMEC	18	132100 P168	015	
-															
099	PACS Detec Out 22 . 2		PDO.S -		P040	SD1CC-28	2			Copper TRIAX	HPDECMEC	18	132100 P168	016	1P 1P
098	PACS Detec Out 22 . I		PDO.S -		P040	SD1CC-28	2			inner Shield	HPDECMEC	18	132100 P168	003	
091	PACS Detec Out 22 . O		PDO.S -		P040	SD1CC-28	2			outer Shield	HPDECMEC	18	132100 P168	004	
-															
090	PACS Detec Out 23 . 2		PDO.S -		P041	SD1CC-28	3			Copper TRIAX	HPDECMEC	18	132100 P168	005	1P 1P
081	PACS Detec Out 23 . I		PDO.S -		P041	SD1CC-28	3			inner Shield	HPDECMEC	18	132100 P168	017	
089	PACS Detec Out 23 . O		PDO.S -		P041	SD1CC-28	3			outer Shield	HPDECMEC	18	132100 P168	018	
-															
096	PACS Detec Out 24 . 2		PDO.S -		P042	SD1CC-28	4			Copper TRIAX	HPDECMEC	18	132100 P168	019	1P 1P
095	PACS Detec Out 24 . I		PDO.S -		P042	SD1CC-28	4			inner Shield	HPDECMEC	18	132100 P168	006	
097	PACS Detec Out 24 . O		PDO.S -		P042	SD1CC-28	4			outer Shield	HPDECMEC	18	132100 P168	007	
-															
087	PACS Detec Out 25 . 2		PDO.S -		P043	SD1CC-28	5			Copper TRIAX	HPDECMEC	18	132100 P168	008	1P 1P
094	PACS Detec Out 25 . I		PDO.S -		P043	SD1CC-28	5			inner Shield	HPDECMEC	18	132100 P168	020	
088	PACS Detec Out 25 . O		PDO.S -		P043	SD1CC-28	5			outer Shield	HPDECMEC	18	132100 P168	021	
-															
080	PACS Detec Outref b Gr 2 . 2		PDR.S -		P14B	SD1CC-28	6			Copper TRIAX	HPDECMEC	18	132100 P168	011	1P 1P
070	PACS Detec Outref b Gr 2 . I		PDR.S -		P14B	SD1CC-28	6			inner Shield	HPDECMEC	18	132100 P168	023	
079	PACS Detec Outref b Gr 2 . O		PDR.S -		P14B	SD1CC-28	6			outer Shield	HPDECMEC	18	132100 P168	024	
-															
086	PACS Detec Synch Gr 2 . SIG		PDS.S -		P044	SS1CC-28	7				HPDECMEC	18	132100 P168	012	1P 1P
077	PACS Detec Synch Gr 2 . SH044		PDS.S -		P044	SS1CC-28	7			CS-P044	HPDECMEC	18	132100 P168	025	1P 1P
-															
068	PACS Detec Clock Gr 2 . SIG		PDC.S -		P045	SS1CC-28	8				HPDECMEC	18	132100 P168	013	1P 1P
078	PACS Detec Clock Gr 2 . SH045		PDC.S -		P045	SS1CC-28	8			CS-P045	HPDECMEC	18	132100 P168	025	1P 1P
-	NC														
076	PACS Detec Out 14 . 2		PDO.S -		P032	SD1CC-28	9			Copper TRIAX	HPDECMEC	18	132100 P166	002	1P 1P
075	PACS Detec Out 14 . I		PDO.S -		P032	SD1CC-28	9			inner Shield	HPDECMEC	18	132100 P166	014	
085	PACS Detec Out 14 . O		PDO.S -		P032	SD1CC-28	9			outer Shield	HPDECMEC	18	132100 P166	015	

Pin Allocation List

(Harness)

Connector: 313100 P007
 HPSVMCB1

Function / Bundle: SIH-XP-02 (14a;14b;32-45;4-6)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
-															
074	PACS Detec Out 15 . 2		PDO.S -		P033	SD1CC-28	10			Copper TRIAX	HPDECMEC	18	132100 P166	016	1P 1P
083	PACS Detec Out 15 . I		PDO.S -		P033	SD1CC-28	10			inner Shield	HPDECMEC	18	132100 P166	003	
084	PACS Detec Out 15 . O		PDO.S -		P033	SD1CC-28	10			outer Shield	HPDECMEC	18	132100 P166	004	
-															
072	PACS Detec Out 16 . 2		PDO.S -		P034	SD1CC-28	11			Copper TRIAX	HPDECMEC	18	132100 P166	005	1P 1P
073	PACS Detec Out 16 . I		PDO.S -		P034	SD1CC-28	11			inner Shield	HPDECMEC	18	132100 P166	017	
082	PACS Detec Out 16 . O		PDO.S -		P034	SD1CC-28	11			outer Shield	HPDECMEC	18	132100 P166	018	
-															
061	PACS Detec Out 17 . 2		PDO.S -		P035	SD1CC-28	12			Copper TRIAX	HPDECMEC	18	132100 P166	019	1P 1P
071	PACS Detec Out 17 . I		PDO.S -		P035	SD1CC-28	12			inner Shield	HPDECMEC	18	132100 P166	006	
060	PACS Detec Out 17 . O		PDO.S -		P035	SD1CC-28	12			outer Shield	HPDECMEC	18	132100 P166	007	
-															
059	PACS Detec Out 18 . 2		PDO.S -		P036	SD1CC-28	13			Copper TRIAX	HPDECMEC	18	132100 P166	008	1P 1P
058	PACS Detec Out 18 . I		PDO.S -		P036	SD1CC-28	13			inner Shield	HPDECMEC	18	132100 P166	020	
069	PACS Detec Out 18 . O		PDO.S -		P036	SD1CC-28	13			outer Shield	HPDECMEC	18	132100 P166	021	
-															
055	PACS Detec Out 19 . 2		PDO.S -		P037	SD1CC-28	14			Copper TRIAX	HPDECMEC	18	132100 P166	022	1P 1P
066	PACS Detec Out 19 . I		PDO.S -		P037	SD1CC-28	14			inner Shield	HPDECMEC	18	132100 P166	009	
065	PACS Detec Out 19 . O		PDO.S -		P037	SD1CC-28	14			outer Shield	HPDECMEC	18	132100 P166	010	
-															
053	PACS Detec Out 20 . 2		PDO.S -		P038	SD1CC-28	15			Copper TRIAX	HPDECMEC	18	132100 P166	011	1P 1P
054	PACS Detec Out 20 . I		PDO.S -		P038	SD1CC-28	15			inner Shield	HPDECMEC	18	132100 P166	023	
064	PACS Detec Out 20 . O		PDO.S -		P038	SD1CC-28	15			outer Shield	HPDECMEC	18	132100 P166	024	
-															
052	PACS Detec Outref a Gr 2 . 2		PDR.S -		P14A	SD1CC-28	16			Copper TRIAX	HPDECMEC	18	132100 P166	025	1P 1P
051	PACS Detec Outref a Gr 2 . I		PDR.S -		P14A	SD1CC-28	16			inner Shield	HPDECMEC	18	132100 P166	012	
062	PACS Detec Outref a Gr 2 . O		PDR.S -		P14A	SD1CC-28	16			outer Shield	HPDECMEC	18	132100 P166	013	
-															
041	PACS Logic Supply Gr 2 . SELC2		PD1.S -		P004	X07CC-28	17	004-1		TS3CC-28	HPDECMEC	18	132100 P164	001	1P 1P
031	PACS Logic Supply Gr 2 . SEL12		PD1.S -		P004	X07CC-28	17	004-1		TS3CC-28	HPDECMEC	18	132100 P164	009	1P 1P
042	PACS Logic Supply Gr 2 . SEL22		PD1.S -		P004	X07CC-28	17	004-1		TS3CC-28	HPDECMEC	18	132100 P164	002	1P 1P
030	PACS Logic Supply Gr 2 . SH004		PD1.S -		P004	X07CC-28	17	004-1		CS-004-1	HPDECMEC	18	132100 P164	013	1P 1P

Pin Allocation List

(Harness)

Connector: 313100 P007
 HPSVMCB1

Function / Bundle: SIH-XP-02 (14a;14b;32-45;4-6)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
-															1P
032	PACS Logic Supply Gr 2 . CaDs2		PD1.S -		P004	X07CC-28	18	004-2		TS6CC-28	HPDECMEC	18	132100 P164	010	1P 1P
043	PACS Logic Supply Gr 2 . CaD2		PD1.S -		P004	X07CC-28	18	004-2		TS6CC-28	HPDECMEC	18	132100 P164	003	1P 1P
033	PACS Logic Supply Gr 2 . CnDs2		PD1.S -		P004	X07CC-28	18	004-2		TS6CC-28	HPDECMEC	18	132100 P164	011	1P 1P
044	PACS Logic Supply Gr 2 . CnD2		PD1.S -		P004	X07CC-28	18	004-2		TS6CC-28	HPDECMEC	18	132100 P164	004	1P 1P
034	PACS Logic Supply Gr 2 . VDDs2		PD1.S -		P004	X07CC-28	18	004-2		TS6CC-28	HPDECMEC	18	132100 P164	012	1P 1P
045	PACS Logic Supply Gr 2 . VDD2		PD1.S -		P004	X07CC-28	18	004-2		TS6CC-28	HPDECMEC	18	132100 P164	005	1P 1P
030	PACS Logic Supply Gr 2 . SH004		PD1.S -		P004	X07CC-28	18	004-2		CS-004-2	HPDECMEC	18	132100 P164	013	1P 1P
-															
009	PACS DC Supply Gr 2 . VDDa2		PD2.S -		P005	X02CC-28	19	0005-1		TS4CC-28	HPDECMEC	18	132100 P162	003	1P 1P
018	PACS DC Supply Gr 2 . VDas2		PD2.S -		P005	X02CC-28	19	0005-1		TS4CC-28	HPDECMEC	18	132100 P162	022	1P 1P
010	PACS DC Supply Gr 2 . VSS2		PD2.S -		P005	X02CC-28	19	0005-1		TS4CC-28	HPDECMEC	18	132100 P162	004	1P 1P
019	PACS DC Supply Gr 2 . VSSs2		PD2.S -		P005	X02CC-28	19	0005-1		TS4CC-28	HPDECMEC	18	132100 P162	023	1P 1P
001	PACS DC Supply Gr 2 . SH005		PD2.S -		P005	X02CC-28	19	0005-1		CS-005-1	HPDECMEC	18	132100 P162	021	1P 1P
-															
011	PACS DC Supply Gr 2 . CaP2		PD2.S -		P005	X02CC-28	20	005-2		TS6CC-28	HPDECMEC	18	132100 P162	005	1P 1P
020	PACS DC Supply Gr 2 . CaPs2		PD2.S -		P005	X02CC-28	20	005-2		TS6CC-28	HPDECMEC	18	132100 P162	024	1P 1P
012	PACS DC Supply Gr 2 . CaN2		PD2.S -		P005	X02CC-28	20	005-2		TS6CC-28	HPDECMEC	18	132100 P162	006	1P 1P
021	PACS DC Supply Gr 2 . CaNs2		PD2.S -		P005	X02CC-28	20	005-2		TS6CC-28	HPDECMEC	18	132100 P162	025	1P 1P
013	PACS DC Supply Gr 2 . CaN12		PD2.S -		P005	X02CC-28	20	005-2		TS6CC-28	HPDECMEC	18	132100 P162	007	1P 1P
022	PACS DC Supply Gr 2 . CN1s2		PD2.S -		P005	X02CC-28	20	005-2		TS6CC-28	HPDECMEC	18	132100 P162	026	1P 1P
001	PACS DC Supply Gr 2 . SH005		PD2.S -		P005	X02CC-28	20	005-2		CS-005-2	HPDECMEC	18	132100 P162	021	1P 1P
-															
014	PACS DC Supply Gr 2 . CaN22		PD2.S -		P005	X02CC-28	21	005-3		TS6CC-28	HPDECMEC	18	132100 P162	008	1P 1P
023	PACS DC Supply Gr 2 . CN2s2		PD2.S -		P005	X02CC-28	21	005-3		TS6CC-28	HPDECMEC	18	132100 P162	027	1P 1P
015	PACS DC Supply Gr 2 . VDDr2		PD2.S -		P005	X02CC-28	21	005-3		TS6CC-28	HPDECMEC	18	132100 P162	009	1P 1P
024	PACS DC Supply Gr 2 . VDr2		PD2.S -		P005	X02CC-28	21	005-3		TS6CC-28	HPDECMEC	18	132100 P162	028	1P 1P
006	PACS DC Supply Gr 2 . LVL2		PD2.S -		P005	X02CC-28	21	005-3		TS6CC-28	HPDECMEC	18	132100 P162	010	1P 1P
007	PACS DC Supply Gr 2 . LVLs2		PD2.S -		P005	X02CC-28	21	005-3		TS6CC-28	HPDECMEC	18	132100 P162	029	1P 1P
001	PACS DC Supply Gr 2 . SH005		PD2.S -		P005	X02CC-28	21	005-3		CS-005-3	HPDECMEC	18	132100 P162	021	1P 1P
-															1P
004	PACS DC Supply Gr 2 . WELL2		PD2.S -		P005	X02CC-28	22	005-4		TS4CC-28	HPDECMEC	18	132100 P162	011	1P 1P

Pin Allocation List

(Harness)

Connector: 313100 P007
 HPSVMCB1

Function / Bundle: SIH-XP-02 (14a;14b;32-45;4-6)

Conn.-Type: SCC340104401B06G2235SN

Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
005	PACS DC Supply Gr 2 . WELs2		PD2.S -		P005	X02CC-28	22	005-4		TS4CC-28	HPDECMEC	18	132100 P162	030	1P 1P
002	PACS DC Supply Gr 2 . SUB2		PD2.S -		P005	X02CC-28	22	005-4		TS4CC-28	HPDECMEC	18	132100 P162	012	1P 1P
003	PACS DC Supply Gr 2 . SUBs2		PD2.S -		P005	X02CC-28	22	005-4		TS4CC-28	HPDECMEC	18	132100 P162	031	1P 1P
001	PACS DC Supply Gr 2 . SH005		PD2.S -		P005	X02CC-28	22	005-4		CS-005-4	HPDECMEC	18	132100 P162	021	1P 1P
-															
027	PACS Detec Bias Gr 2 . Zero2		PD3.S -		P006	TS6CC-28	23				HPDECMEC	18	132100 P162	032	1P 1P
038	PACS Detec Bias Gr 2 . Zers2		PD3.S -		P006	TS6CC-28	23				HPDECMEC	18	132100 P162	014	
028	PACS Detec Bias Gr 2 . Gnd2		PD3.S -		P006	TS6CC-28	23				HPDECMEC	18	132100 P162	033	
039	PACS Detec Bias Gr 2 . Gnse2		PD3.S -		P006	TS6CC-28	23				HPDECMEC	18	132100 P162	015	
029	PACS Detec Bias Gr 2 . R2		PD3.S -		P006	TS6CC-28	23				HPDECMEC	18	132100 P162	034	
040	PACS Detec Bias Gr 2 . Rs2		PD3.S -		P006	TS6CC-28	23				HPDECMEC	18	132100 P162	016	
037	PACS Detec Bias Gr 2 . SH006		PD3.S -		P006	TS6CC-28	23			CS-P006	HPDECMEC	18	132100 P162	013	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P168
HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-02 (14b,39-45)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-68-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 21 . 2		PDO.S -		P039	SD1CC-28	2			Copper TRIAX	HPSVMCB1	28	313100 P007	093	1P 1P
014	PACS Detec Out 21 . I		PDO.S -		P039	SD1CC-28	2			inner Shield	HPSVMCB1	28	313100 P007	092	
015	PACS Detec Out 21 . O		PDO.S -		P039	SD1CC-28	2			outer Shield	HPSVMCB1	28	313100 P007	100	
-															
016	PACS Detec Out 22 . 2		PDO.S -		P040	SD1CC-28	3			Copper TRIAX	HPSVMCB1	28	313100 P007	099	1P 1P
003	PACS Detec Out 22 . I		PDO.S -		P040	SD1CC-28	3			inner Shield	HPSVMCB1	28	313100 P007	098	
004	PACS Detec Out 22 . O		PDO.S -		P040	SD1CC-28	3			outer Shield	HPSVMCB1	28	313100 P007	091	
-															
005	PACS Detec Out 23 . 2		PDO.S -		P041	SD1CC-28	4			Copper TRIAX	HPSVMCB1	28	313100 P007	090	1P 1P
017	PACS Detec Out 23 . I		PDO.S -		P041	SD1CC-28	4			inner Shield	HPSVMCB1	28	313100 P007	081	
018	PACS Detec Out 23 . O		PDO.S -		P041	SD1CC-28	4			outer Shield	HPSVMCB1	28	313100 P007	089	
-															
019	PACS Detec Out 24 . 2		PDO.S -		P042	SD1CC-28	5			Copper TRIAX	HPSVMCB1	28	313100 P007	096	1P 1P
006	PACS Detec Out 24 . I		PDO.S -		P042	SD1CC-28	5			inner Shield	HPSVMCB1	28	313100 P007	095	
007	PACS Detec Out 24 . O		PDO.S -		P042	SD1CC-28	5			outer Shield	HPSVMCB1	28	313100 P007	097	
-															
008	PACS Detec Out 25 . 2		PDO.S -		P043	SD1CC-28	6			Copper TRIAX	HPSVMCB1	28	313100 P007	087	1P 1P
020	PACS Detec Out 25 . I		PDO.S -		P043	SD1CC-28	6			inner Shield	HPSVMCB1	28	313100 P007	094	
021	PACS Detec Out 25 . O		PDO.S -		P043	SD1CC-28	6			outer Shield	HPSVMCB1	28	313100 P007	088	
-															
011	PACS Detec Outref b Gr 2 . 2		PDR.S -		P14B	SD1CC-28	7			Copper TRIAX	HPSVMCB1	28	313100 P007	080	1P 1P
023	PACS Detec Outref b Gr 2 . I		PDR.S -		P14B	SD1CC-28	7			inner Shield	HPSVMCB1	28	313100 P007	070	
024	PACS Detec Outref b Gr 2 . O		PDR.S -		P14B	SD1CC-28	7			outer Shield	HPSVMCB1	28	313100 P007	079	
-															
012	PACS Detec Synch Gr 2 . SIG		PDS.S -		P044	SS1CC-28	8				HPSVMCB1	28	313100 P007	086	1P 1P
025	PACS Detec Synch Gr 2 . SH044		PDS.S -		P044	SS1CC-28	8			CS-P044	HPSVMCB1	28	313100 P007	077	1P 1P
-															
013	PACS Detec Clock Gr 2 . SIG		PDC.S -		P045	SS1CC-28	1				HPSVMCB1	28	313100 P007	068	1P 1P
025	PACS Detec Clock Gr 2 . SH045		PDC.S -		P045	SS1CC-28	1			CS-P045	HPSVMCB1	28	313100 P007	078	1P 1P
001	NC														
009	NC														
022	NC														
010	NC														

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 308 (of 464)

Connector: 132100 P168
 HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-02 (14b,39-45)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-68-25

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					1P

Pin Allocation List

(Harness)

Connector: 132100 P166
HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-02 (14a,32-38)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-68-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 14 . 2		PDO.S -		P032	SD1CC-28	1			Copper TRIAX	HPSVMCB1	28	313100 P007	076	1P 1P
014	PACS Detec Out 14 . I		PDO.S -		P032	SD1CC-28	1			inner Shield	HPSVMCB1	28	313100 P007	075	
015	PACS Detec Out 14 . O		PDO.S -		P032	SD1CC-28	1			outer Shield	HPSVMCB1	28	313100 P007	085	
-															
016	PACS Detec Out 15 . 2		PDO.S -		P033	SD1CC-28	2			Copper TRIAX	HPSVMCB1	28	313100 P007	074	1P 1P
003	PACS Detec Out 15 . I		PDO.S -		P033	SD1CC-28	2			inner Shield	HPSVMCB1	28	313100 P007	083	
004	PACS Detec Out 15 . O		PDO.S -		P033	SD1CC-28	2			outer Shield	HPSVMCB1	28	313100 P007	084	
-															
005	PACS Detec Out 16 . 2		PDO.S -		P034	SD1CC-28	3			Copper TRIAX	HPSVMCB1	28	313100 P007	072	1P 1P
017	PACS Detec Out 16 . I		PDO.S -		P034	SD1CC-28	3			inner Shield	HPSVMCB1	28	313100 P007	073	
018	PACS Detec Out 16 . O		PDO.S -		P034	SD1CC-28	3			outer Shield	HPSVMCB1	28	313100 P007	082	
-															
019	PACS Detec Out 17 . 2		PDO.S -		P035	SD1CC-28	4			Copper TRIAX	HPSVMCB1	28	313100 P007	061	1P 1P
006	PACS Detec Out 17 . I		PDO.S -		P035	SD1CC-28	4			inner Shield	HPSVMCB1	28	313100 P007	071	
007	PACS Detec Out 17 . O		PDO.S -		P035	SD1CC-28	4			outer Shield	HPSVMCB1	28	313100 P007	060	
-															
008	PACS Detec Out 18 . 2		PDO.S -		P036	SD1CC-28	5			Copper TRIAX	HPSVMCB1	28	313100 P007	059	1P 1P
020	PACS Detec Out 18 . I		PDO.S -		P036	SD1CC-28	5			inner Shield	HPSVMCB1	28	313100 P007	058	
021	PACS Detec Out 18 . O		PDO.S -		P036	SD1CC-28	5			outer Shield	HPSVMCB1	28	313100 P007	069	
-															
022	PACS Detec Out 19 . 2		PDO.S -		P037	SD1CC-28	6			Copper TRIAX	HPSVMCB1	28	313100 P007	055	1P 1P
009	PACS Detec Out 19 . I		PDO.S -		P037	SD1CC-28	6			inner Shield	HPSVMCB1	28	313100 P007	066	
010	PACS Detec Out 19 . O		PDO.S -		P037	SD1CC-28	6			outer Shield	HPSVMCB1	28	313100 P007	065	
-															
011	PACS Detec Out 20 . 2		PDO.S -		P038	SD1CC-28	7			Copper TRIAX	HPSVMCB1	28	313100 P007	053	1P 1P
023	PACS Detec Out 20 . I		PDO.S -		P038	SD1CC-28	7			inner Shield	HPSVMCB1	28	313100 P007	054	
024	PACS Detec Out 20 . O		PDO.S -		P038	SD1CC-28	7			outer Shield	HPSVMCB1	28	313100 P007	064	
-															
025	PACS Detec Outref a Gr 2 . 2		PDR.S -		P14A	SD1CC-28	8			Copper TRIAX	HPSVMCB1	28	313100 P007	052	1P 1P
012	PACS Detec Outref a Gr 2 . I		PDR.S -		P14A	SD1CC-28	8			inner Shield	HPSVMCB1	28	313100 P007	051	
013	PACS Detec Outref a Gr 2 . O		PDR.S -		P14A	SD1CC-28	8			outer Shield	HPSVMCB1	28	313100 P007	062	
001	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 310 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P164
HPDECMEC

Function / Bundle: DEC2 to FPUSIH-XP-02 (4)

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-34-15

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS Logic Supply Gr 2 . SELC2		PD1.S -		P004	X07CC-28	1	004-1		TS3CC-28	HPSVMCB1	28	313100 P007	041	1P 1P
009	PACS Logic Supply Gr 2 . SEL12		PD1.S -		P004	X07CC-28	1	004-1		TS3CC-28	HPSVMCB1	28	313100 P007	031	1P 1P
002	PACS Logic Supply Gr 2 . SEL22		PD1.S -		P004	X07CC-28	1	004-1		TS3CC-28	HPSVMCB1	28	313100 P007	042	1P 1P
013	PACS Logic Supply Gr 2 . SH004		PD1.S -		P004	X07CC-28	1	004-1		CS-004-1	HPSVMCB1	28	313100 P007	030	1P 1P
-															
010	PACS Logic Supply Gr 2 . CaDs2		PD1.S -		P004	X07CC-28	2	004-2		TS6CC-28	HPSVMCB1	28	313100 P007	032	1P 1P
003	PACS Logic Supply Gr 2 . CaD2		PD1.S -		P004	X07CC-28	2	004-2		TS6CC-28	HPSVMCB1	28	313100 P007	043	1P 1P
011	PACS Logic Supply Gr 2 . CnDs2		PD1.S -		P004	X07CC-28	2	004-2		TS6CC-28	HPSVMCB1	28	313100 P007	033	1P 1P
004	PACS Logic Supply Gr 2 . CnD2		PD1.S -		P004	X07CC-28	2	004-2		TS6CC-28	HPSVMCB1	28	313100 P007	044	1P 1P
012	PACS Logic Supply Gr 2 . VDDs2		PD1.S -		P004	X07CC-28	2	004-2		TS6CC-28	HPSVMCB1	28	313100 P007	034	1P 1P
005	PACS Logic Supply Gr 2 . VDD2		PD1.S -		P004	X07CC-28	2	004-2		TS6CC-28	HPSVMCB1	28	313100 P007	045	1P 1P
013	PACS Logic Supply Gr 2 . SH004		PD1.S -		P004	X07CC-28	2	004-2		TS6CC-28	HPSVMCB1	28	313100 P007	030	1P 1P
006	NC														
014	NC														
007	NC														
015	NC														
008	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 312 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P162
HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-02 (5,6)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
003	PACS DC Supply Gr 2 . VDDa2		PD2.S -		P005	X02CC-28	1	005-1		TS4CC-28	HPSVMCB1	28	313100 P007	009	1P	1P
022	PACS DC Supply Gr 2 . VDAs2		PD2.S -		P005	X02CC-28	1	005-1		TS4CC-28	HPSVMCB1	28	313100 P007	018	1P	1P
004	PACS DC Supply Gr 2 . VSS2		PD2.S -		P005	X02CC-28	1	005-1		TS4CC-28	HPSVMCB1	28	313100 P007	010	1P	1P
023	PACS DC Supply Gr 2 . VSSs2		PD2.S -		P005	X02CC-28	1	005-1		TS4CC-28	HPSVMCB1	28	313100 P007	019	1P	1P
021	PACS DC Supply Gr 2 . SH005		PD2.S -		P005	X02CC-28	1	005-1		CS-005-1	HPSVMCB1	28	313100 P007	001	1P	1P
-																
005	PACS DC Supply Gr 2 . CaP2		PD2.S -		P005	X02CC-28	2	005-2		TS6CC-28	HPSVMCB1	28	313100 P007	011	1P	1P
024	PACS DC Supply Gr 2 . CaPs2		PD2.S -		P005	X02CC-28	2	005-2		TS6CC-28	HPSVMCB1	28	313100 P007	020	1P	1P
006	PACS DC Supply Gr 2 . CaN2		PD2.S -		P005	X02CC-28	2	005-2		TS6CC-28	HPSVMCB1	28	313100 P007	012	1P	1P
025	PACS DC Supply Gr 2 . CaNs2		PD2.S -		P005	X02CC-28	2	005-2		TS6CC-28	HPSVMCB1	28	313100 P007	021	1P	1P
007	PACS DC Supply Gr 2 . CaN12		PD2.S -		P005	X02CC-28	2	005-2		TS6CC-28	HPSVMCB1	28	313100 P007	013	1P	1P
026	PACS DC Supply Gr 2 . CN1s2		PD2.S -		P005	X02CC-28	2	005-2		TS6CC-28	HPSVMCB1	28	313100 P007	022	1P	1P
021	PACS DC Supply Gr 2 . SH005		PD2.S -		P005	X02CC-28	2	005-2		CS-005-2	HPSVMCB1	28	313100 P007	001	1P	1P
-																
008	PACS DC Supply Gr 2 . CaN22		PD2.S -		P005	X02CC-28	3	005-3		TS6CC-28	HPSVMCB1	28	313100 P007	014	1P	1P
027	PACS DC Supply Gr 2 . CN2s2		PD2.S -		P005	X02CC-28	3	005-3		TS6CC-28	HPSVMCB1	28	313100 P007	023	1P	1P
009	PACS DC Supply Gr 2 . VDDr2		PD2.S -		P005	X02CC-28	3	005-3		TS6CC-28	HPSVMCB1	28	313100 P007	015	1P	1P
028	PACS DC Supply Gr 2 . VDrs2		PD2.S -		P005	X02CC-28	3	005-3		TS6CC-28	HPSVMCB1	28	313100 P007	024	1P	1P
010	PACS DC Supply Gr 2 . LVL2		PD2.S -		P005	X02CC-28	3	005-3		TS6CC-28	HPSVMCB1	28	313100 P007	006	1P	1P
029	PACS DC Supply Gr 2 . LVLs2		PD2.S -		P005	X02CC-28	3	005-3		TS6CC-28	HPSVMCB1	28	313100 P007	007	1P	1P
021	PACS DC Supply Gr 2 . SH005		PD2.S -		P005	X02CC-28	3	005-3		CS-005-3	HPSVMCB1	28	313100 P007	001	1P	1P
-																
011	PACS DC Supply Gr 2 . WELL2		PD2.S -		P005	X02CC-28	4	005-4		TS4CC-28	HPSVMCB1	28	313100 P007	004	1P	1P
030	PACS DC Supply Gr 2 . WELs2		PD2.S -		P005	X02CC-28	4	005-4		TS4CC-28	HPSVMCB1	28	313100 P007	005	1P	1P
012	PACS DC Supply Gr 2 . SUB2		PD2.S -		P005	X02CC-28	4	005-4		TS4CC-28	HPSVMCB1	28	313100 P007	002	1P	1P
031	PACS DC Supply Gr 2 . SUBs2		PD2.S -		P005	X02CC-28	4	005-4		TS4CC-28	HPSVMCB1	28	313100 P007	003	1P	1P
021	PACS DC Supply Gr 2 . SH005		PD2.S -		P005	X02CC-28	4	005-4		CS-005-4	HPSVMCB1	28	313100 P007	001	1P	1P
-																
032	PACS Detec Bias Gr 2 . Zero2		PD3.S -		P006	TS6CC-28	6				HPSVMCB1	28	313100 P007	027	1P	1P
014	PACS Detec Bias Gr 2 . Zers2		PD3.S -		P006	TS6CC-28	6				HPSVMCB1	28	313100 P007	038		
033	PACS Detec Bias Gr 2 . Gnd2		PD3.S -		P006	TS6CC-28	6				HPSVMCB1	28	313100 P007	028		
015	PACS Detec Bias Gr 2 . Gnse2		PD3.S -		P006	TS6CC-28	6				HPSVMCB1	28	313100 P007	039		
034	PACS Detec Bias Gr 2 . R2		PD3.S -		P006	TS6CC-28	6				HPSVMCB1	28	313100 P007	029		

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 314 (of 464)

Connector: 132100 P162
 HPDECMEC

Function / Bundle: DEC2 to FPU SIH-XP-02 (5,6)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
016	PACS Detec Bias Gr 2 . Rs2		PD3.S -		P006	TS6CC-28	6				HPSVMCB1	28	313100 P007	040	
013	PACS Detec Bias Gr 2 . SH006		PD3.S -		P006	TS6CC-28	6			CS-P006	HPSVMCB1	28	313100 P007	037	1P 1P
001	NC														
020	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 313100 P002
HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
107	PACS DC Supply Gr 3 . VDDa3		PD2.S -		P008	X02CC-28	1	008-1		TS4CC-28	HPDECMEC	18	132100 P051	003	1P 1P
116	PACS DC Supply Gr 3 . VDAs3		PD2.S -		P008	X02CC-28	1	008-1		TS4CC-28	HPDECMEC	18	132100 P051	022	1P 1P
123	PACS DC Supply Gr 3 . VSS3		PD2.S -		P008	X02CC-28	1	008-1		TS4CC-28	HPDECMEC	18	132100 P051	004	1P 1P
124	PACS DC Supply Gr 3 . VSSs3		PD2.S -		P008	X02CC-28	1	008-1		TS4CC-28	HPDECMEC	18	132100 P051	023	1P 1P
122	PACS DC Supply Gr 3 . SH008		PD2.S -		P008	X02CC-28	1	008-1		CS-008-1	HPDECMEC	18	132100 P051	021	1P 1P
-															
108	PACS DC Supply Gr 3 . CaP3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPDECMEC	18	132100 P051	005	1P 1P
117	PACS DC Supply Gr 3 . CaPs3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPDECMEC	18	132100 P051	024	1P 1P
109	PACS DC Supply Gr 3 . CaN3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPDECMEC	18	132100 P051	006	1P 1P
118	PACS DC Supply Gr 3 . CaNs3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPDECMEC	18	132100 P051	025	1P 1P
125	PACS DC Supply Gr 3 . CaN13		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPDECMEC	18	132100 P051	007	1P 1P
126	PACS DC Supply Gr 3 . CN1s3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPDECMEC	18	132100 P051	026	1P 1P
122	PACS DC Supply Gr 3 . SH008		PD2.S -		P008	X02CC-28	2	008-2		CS-008-2	HPDECMEC	18	132100 P051	021	1P 1P
-															
110	PACS DC Supply Gr 3 . CaN23		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPDECMEC	18	132100 P051	008	1P 1P
119	PACS DC Supply Gr 3 . CN2s3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPDECMEC	18	132100 P051	027	1P 1P
127	PACS DC Supply Gr 3 . VDDr3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPDECMEC	18	132100 P051	009	1P 1P
128	PACS DC Supply Gr 3 . VDrs3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPDECMEC	18	132100 P051	028	1P 1P
111	PACS DC Supply Gr 3 . LVL3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPDECMEC	18	132100 P051	010	1P 1P
120	PACS DC Supply Gr 3 . LVLs3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPDECMEC	18	132100 P051	029	1P 1P
122	PACS DC Supply Gr 3 . SH008		PD2.S -		P008	X02CC-28	3	008-3		CS-008-3	HPDECMEC	18	132100 P051	021	1P 1P
-															
121	PACS DC Supply Gr 3 . WELL3		PD2.S -		P008	X02CC-28	4	008-4		TS4CC-28	HPDECMEC	18	132100 P051	011	1P 1P
114	PACS DC Supply Gr 3 . WELs3		PD2.S -		P008	X02CC-28	4	008-4		TS4CC-28	HPDECMEC	18	132100 P051	030	1P 1P
112	PACS DC Supply Gr 3 . SUB3		PD2.S -		P008	X02CC-28	4	008-4		TS4CC-28	HPDECMEC	18	132100 P051	012	1P 1P
113	PACS DC Supply Gr 3 . SUBs3		PD2.S -		P008	X02CC-28	4	008-4		TS4CC-28	HPDECMEC	18	132100 P051	031	1P 1P
122	PACS DC Supply Gr 3 . SH008		PD2.S -		P008	X02CC-28	4	008-4		CS-008-4	HPDECMEC	18	132100 P051	021	1P 1P
-															
104	PACS Detec Bias Gr 3 . Zero3		PD3.S -		P009	TS6CC-28	5				HPDECMEC	18	132100 P051	032	1P 1P
103	PACS Detec Bias Gr 3 . Zers3		PD3.S -		P009	TS6CC-28	5				HPDECMEC	18	132100 P051	014	
092	PACS Detec Bias Gr 3 . Gnd3		PD3.S -		P009	TS6CC-28	5				HPDECMEC	18	132100 P051	033	
102	PACS Detec Bias Gr 3 . GnSe3		PD3.S -		P009	TS6CC-28	5				HPDECMEC	18	132100 P051	015	
093	PACS Detec Bias Gr 3 . R3		PD3.S -		P009	TS6CC-28	5				HPDECMEC	18	132100 P051	034	

Pin Allocation List

(Harness)

Connector: 313100 P002
 HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
091	PACS Detec Bias Gr 3 . Rs3	PD3.S	-		P009	TS6CC-28	5				HPDECMEC	18	132100 P051	016		
090	PACS Detec Bias Gr 3 . SH009	PD3.S	-		P009	TS6CC-28	5		CS-P009		HPDECMEC	18	132100 P051	013	1P	1P
-																
089	PACS Logic Supply Gr 3 . SELC3	PD1.S	-		P007	X07CC-28	6	007-1	TS3CC-28		HPDECMEC	18	132100 P053	001	1P	1P
101	PACS Logic Supply Gr 3 . SEL13	PD1.S	-		P007	X07CC-28	6	007-1	TS3CC-28		HPDECMEC	18	132100 P053	009	1P	1P
100	PACS Logic Supply Gr 3 . SEL23	PD1.S	-		P007	X07CC-28	6	007-1	TS3CC-28		HPDECMEC	18	132100 P053	002	1P	1P
085	PACS Logic Supply Gr 3 . SH007	PD1.S	-		P007	X07CC-28	6	007-1	CS-007-1		HPDECMEC	18	132100 P053	013	1P	1P
-																
088	PACS Logic Supply Gr 3 . CaDs3	PD1.S	-		P007	X07CC-28	7	007-2	TS6CC-28		HPDECMEC	18	132100 P053	010	1P	1P
087	PACS Logic Supply Gr 3 . CaD3	PD1.S	-		P007	X07CC-28	7	007-2	TS6CC-28		HPDECMEC	18	132100 P053	003	1P	1P
099	PACS Logic Supply Gr 3 . CnDs3	PD1.S	-		P007	X07CC-28	7	007-2	TS6CC-28		HPDECMEC	18	132100 P053	011	1P	1P
098	PACS Logic Supply Gr 3 . CnD3	PD1.S	-		P007	X07CC-28	7	007-2	TS6CC-28		HPDECMEC	18	132100 P053	004	1P	1P
086	PACS Logic Supply Gr 3 . VDDs3	PD1.S	-		P007	X07CC-28	7	007-2	TS6CC-28		HPDECMEC	18	132100 P053	012	1P	1P
097	PACS Logic Supply Gr 3 . VDD3	PD1.S	-		P007	X07CC-28	7	007-2	TS6CC-28		HPDECMEC	18	132100 P053	005	1P	1P
085	PACS Logic Supply Gr 3 . SH007	PD1.S	-		P007	X07CC-28	7	007-2	CCS-007-2		HPDECMEC	18	132100 P053	013	1P	1P
-																
070	PACS Detec Out 01 . 3	PDO.S	-		P046	SD1CC-28	8		Copper TRIAX		HPDECMEC	18	132100 P055	002	1P	1P
069	PACS Detec Out 01 . I	PDO.S	-		P046	SD1CC-28	8		inner Shield		HPDECMEC	18	132100 P055	014		
081	PACS Detec Out 01 . O	PDO.S	-		P046	SD1CC-28	8		outer Shield		HPDECMEC	18	132100 P055	015		
-																
079	PACS Detec Out 02 . 3	PDO.S	-		P047	SD1CC-28	9		Copper TRIAX		HPDECMEC	18	132100 P055	016	1P	1P
080	PACS Detec Out 02 . I	PDO.S	-		P047	SD1CC-28	9		inner Shield		HPDECMEC	18	132100 P055	003		
068	PACS Detec Out 02 . O	PDO.S	-		P047	SD1CC-28	9		outer Shield		HPDECMEC	18	132100 P055	004		
-																
066	PACS Detec Out 03 . 3	PDO.S	-		P048	SD1CC-28	10		Copper TRIAX		HPDECMEC	18	132100 P055	005	1P	1P
078	PACS Detec Out 03 . I	PDO.S	-		P048	SD1CC-28	10		inner Shield		HPDECMEC	18	132100 P055	017		
067	PACS Detec Out 03 . O	PDO.S	-		P048	SD1CC-28	10		outer Shield		HPDECMEC	18	132100 P055	018		
-																
076	PACS Detec Out 04 . 3	PDO.S	-		P049	SD1CC-28	11		Copper TRIAX		HPDECMEC	18	132100 P055	019	1P	1P
065	PACS Detec Out 04 . I	PDO.S	-		P049	SD1CC-28	11		inner Shield		HPDECMEC	18	132100 P055	006		
077	PACS Detec Out 04 . O	PDO.S	-		P049	SD1CC-28	11		outer Shield		HPDECMEC	18	132100 P055	007		
-																
073	PACS Detec Out 05 . 3	PDO.S	-		P050	SD1CC-28	12		Copper TRIAX		HPDECMEC	18	132100 P055	008	1P	1P

Pin Allocation List

(Harness)

Connector: 313100 P002
 HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
062	PACS Detec Out 05 . I		PDO.S -		P050	SD1CC-28	12			inner Shield	HPDECMC	18	132100 P055	020	
074	PACS Detec Out 05 . O		PDO.S -		P050	SD1CC-28	12			outer Shield	HPDECMC	18	132100 P055	021	
-															
095	PACS Detec Out 06 . 3		PDO.S -		P051	SD1CC-28	13			Copper TRIAX	HPDECMC	18	132100 P055	022	1P 1P
084	PACS Detec Out 06 . I		PDO.S -		P051	SD1CC-28	13			inner Shield	HPDECMC	18	132100 P055	009	
096	PACS Detec Out 06 . O		PDO.S -		P051	SD1CC-28	13			outer Shield	HPDECMC	18	132100 P055	010	
-															
071	PACS Detec Out 07 . 3		PDO.S -		P052	SD1CC-28	14			Copper TRIAX	HPDECMC	18	132100 P055	011	1P 1P
083	PACS Detec Out 07 . I		PDO.S -		P052	SD1CC-28	14			inner Shield	HPDECMC	18	132100 P055	023	
072	PACS Detec Out 07 . O		PDO.S -		P052	SD1CC-28	14			outer Shield	HPDECMC	18	132100 P055	024	
-															
048	PACS Detec Outref a Gr 3 . 3		PDR.S -		P15A	SD1CC-28	15			Copper TRIAX	HPDECMC	18	132100 P055	025	1P 1P
049	PACS Detec Outref a Gr 3 . I		PDR.S -		P15A	SD1CC-28	15			inner Shield	HPDECMC	18	132100 P055	012	1P
060	PACS Detec Outref a Gr 3 . O		PDR.S -		P15A	SD1CC-28	15			outer Shield	HPDECMC	18	132100 P055	013	1P
-															
063	PACS Detec Out 08 . 3		PDO.S -		P053	SD1CC-28	16			Copper TRIAX	HPDECMC	18	132100 P057	002	1P 1P
075	PACS Detec Out 08 . I		PDO.S -		P053	SD1CC-28	16			inner Shield	HPDECMC	18	132100 P057	014	
064	PACS Detec Out 08 . O		PDO.S -		P053	SD1CC-28	16			outer Shield	HPDECMC	18	132100 P057	015	
-															
047	PACS Detec Out 09 . 3		PDO.S -		P054	SD1CC-28	17			Copper TRIAX	HPDECMC	18	132100 P057	016	1P 1P
046	PACS Detec Out 09 . I		PDO.S -		P054	SD1CC-28	17			inner Shield	HPDECMC	18	132100 P057	003	
058	PACS Detec Out 09 . O		PDO.S -		P054	SD1CC-28	17			outer Shield	HPDECMC	18	132100 P057	004	
-															
057	PACS Detec Out 10 . 3		PDO.S -		P055	SD1CC-28	18			Copper TRIAX	HPDECMC	18	132100 P057	005	1P 1P
056	PACS Detec Out 10 . I		PDO.S -		P055	SD1CC-28	18			inner Shield	HPDECMC	18	132100 P057	017	
045	PACS Detec Out 10 . O		PDO.S -		P055	SD1CC-28	18			outer Shield	HPDECMC	18	132100 P057	018	
-															
044	PACS Detec Out 11 . 3		PDO.S -		P056	SD1CC-28	19			Copper TRIAX	HPDECMC	18	132100 P057	019	1P 1P
043	PACS Detec Out 11 . I		PDO.S -		P056	SD1CC-28	19			inner Shield	HPDECMC	18	132100 P057	006	
055	PACS Detec Out 11 . O		PDO.S -		P056	SD1CC-28	19			outer Shield	HPDECMC	18	132100 P057	007	
-															
042	PACS Detec Out 12 . 3		PDO.S -		P057	SD1CC-28	20			Copper TRIAX	HPDECMC	18	132100 P057	008	1P 1P
053	PACS Detec Out 12 . I		PDO.S -		P057	SD1CC-28	20			inner Shield	HPDECMC	18	132100 P057	020	

Pin Allocation List

(Harness)

Connector: 313100 P002
HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
054	PACS Detec Out 12 . O		PDO.S -		P057	SD1CC-28	20			outer Shield	HPDECMEC	18	132100 P057	021	
-															
040	PACS Detec Out 13 . 3		PDO.S -		P058	SD1CC-28	21			Copper TRIAX	HPDECMEC	18	132100 P057	022	1P 1P
041	PACS Detec Out 13 . I		PDO.S -		P058	SD1CC-28	21			inner Shield	HPDECMEC	18	132100 P057	009	1P
052	PACS Detec Out 13 . O		PDO.S -		P058	SD1CC-28	21			outer Shield	HPDECMEC	18	132100 P057	010	
-															
050	PACS Detec Outref b Gr 3 . 3		PDR.S -		P15B	SD1CC-28	22			Copper TRIAX	HPDECMEC	18	132100 P057	011	1P 1P
039	PACS Detec Outref b Gr 3 . I		PDR.S -		P15B	SD1CC-28	22			inner Shield	HPDECMEC	18	132100 P057	023	
051	PACS Detec Outref b Gr 3 . O		PDR.S -		P15B	SD1CC-28	22			outer Shield	HPDECMEC	18	132100 P057	024	
-															
017	PACS Detec Synch Gr 3 . SIG		PDS.S -		P059	SS1CC-28	23				HPDECMEC	18	132100 P057	012	1P 1P
009	PACS Detec Synch Gr 3 . SH059		PDS.S -		P059	SS1CC-28	23			CS-P059	HPDECMEC	18	132100 P057	025	1P 1P
-															
018	PACS Detec Clock Gr 3 . SIG		PDC.S -		P060	SS1CC-28	24				HPDECMEC	18	132100 P057	013	1P 1P
028	PACS Detec Clock Gr 3 . SH060		PDC.S -		P060	SS1CC-28	24			CS-P060	HPDECMEC	18	132100 P057	025	1P 1P
-															
010	PACS Detec Tsens+H Sup 3/4 . I163		PD4.S -		P076	X04CC-28	25	076-1		TS5CC-28	HPDECMEC	18	132100 P078	009	1P 1P
019	PACS Detec Tsens+H Sup 3/4 . U163		PD4.S -		P076	X04CC-28	25	076-1		TS5CC-28	HPDECMEC	18	132100 P078	002	1P 1P
011	PACS Detec Tsens+H Sup 3/4 . U263		PD4.S -		P076	X04CC-28	25	076-1		TS5CC-28	HPDECMEC	18	132100 P078	010	1P 1P
020	PACS Detec Tsens+H Sup 3/4 . U363		PD4.S -		P076	X04CC-28	25	076-1		TS5CC-28	HPDECMEC	18	132100 P078	003	1P 1P
012	PACS Detec Tsens+H Sup 3/4 . I263		PD4.S -		P076	X04CC-28	25	076-1		TS5CC-28	HPDECMEC	18	132100 P078	011	1P 1P
003	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.S -		P076	X04CC-28	25	076-1		CS-076-1	HPDECMEC	18	132100 P078	001	1P 1P
-															
021	PACS Detec Tsens+H Sup 3/4 . I1194		PD4.S -		P076	X04CC-28	26	076-2		TS5CC-28	HPDECMEC	18	132100 P078	004	1P 1P
013	PACS Detec Tsens+H Sup 3/4 . U1194		PD4.S -		P076	X04CC-28	26	076-2		TS5CC-28	HPDECMEC	18	132100 P078	012	1P 1P
022	PACS Detec Tsens+H Sup 3/4 . U2194		PD4.S -		P076	X04CC-28	26	076-2		TS5CC-28	HPDECMEC	18	132100 P078	005	1P 1P
014	PACS Detec Tsens+H Sup 3/4 . U3194		PD4.S -		P076	X04CC-28	26	076-2		TS5CC-28	HPDECMEC	18	132100 P078	013	1P 1P
023	PACS Detec Tsens+H Sup 3/4 . I2194		PD4.S -		P076	X04CC-28	26	076-2		TS5CC-28	HPDECMEC	18	132100 P078	006	1P 1P
003	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.S -		P076	X04CC-28	26	076-2		CS-076-2	HPDECMEC	18	132100 P078	001	1P 1P
-															
004	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.S -		P076	X04CC-28	27	076-3		TS4CC-28	HPDECMEC	18	132100 P078	014	1P 1P
005	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.S -		P076	X04CC-28	27	076-3		TS4CC-28	HPDECMEC	18	132100 P078	007	1P 1P
006	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.S -		P076	X04CC-28	27	076-3		TS4CC-28	HPDECMEC	18	132100 P078	015	1P 1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 319 (of 464)

Connector: 313100 P002
 HPSVMCB1

Function / Bundle: SIH-XP-03 (7-9;15a;15b;46-60;76)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
007	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.S -		P076	X04CC-28	27	076-3		TS4CC-28	HPDECMEC	18	132100 P078	008	1P 1P
003	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.S -		P076	X04CC-28	27	076-3		CS-076-3	HPDECMEC	18	132100 P078	001	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 320 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P051
HPDECMEC

Function / Bundle: DEC1 to FPU SIH-XP-03 (8,9)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
003	PACS DC Supply Gr 3 . VDDa3		PD2.S -		P008	X02CC-28	1	008-1		TS4CC-28	HPSVMCB1	28	313100 P002	107	1P	1P
022	PACS DC Supply Gr 3 . VDAs3		PD2.S -		P008	X02CC-28	1	008-1		TS4CC-28	HPSVMCB1	28	313100 P002	116	1P	1P
004	PACS DC Supply Gr 3 . VSS3		PD2.S -		P008	X02CC-28	1	008-1		TS4CC-28	HPSVMCB1	28	313100 P002	123	1P	1P
023	PACS DC Supply Gr 3 . VSSs3		PD2.S -		P008	X02CC-28	1	008-1		TS4CC-28	HPSVMCB1	28	313100 P002	124	1P	1P
021	PACS DC Supply Gr 3 . SH008		PD2.S -		P008	X02CC-28	1	008-1		CS-008-1	HPSVMCB1	28	313100 P002	122	1P	1P
-																
005	PACS DC Supply Gr 3 . CaP3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPSVMCB1	28	313100 P002	108	1P	1P
024	PACS DC Supply Gr 3 . CaPs3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPSVMCB1	28	313100 P002	117	1P	1P
006	PACS DC Supply Gr 3 . CaN3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPSVMCB1	28	313100 P002	109	1P	1P
025	PACS DC Supply Gr 3 . CaNs3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPSVMCB1	28	313100 P002	118	1P	1P
007	PACS DC Supply Gr 3 . CaN13		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPSVMCB1	28	313100 P002	125	1P	1P
026	PACS DC Supply Gr 3 . CN1s3		PD2.S -		P008	X02CC-28	2	008-2		TS6CC-28	HPSVMCB1	28	313100 P002	126	1P	1P
021	PACS DC Supply Gr 3 . SH008		PD2.S -		P008	X02CC-28	2	008-2		CS-008-2	HPSVMCB1	28	313100 P002	122	1P	1P
-																
008	PACS DC Supply Gr 3 . CaN23		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPSVMCB1	28	313100 P002	110	1P	1P
027	PACS DC Supply Gr 3 . CN2s3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPSVMCB1	28	313100 P002	119	1P	1P
009	PACS DC Supply Gr 3 . VDDr3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPSVMCB1	28	313100 P002	127	1P	1P
028	PACS DC Supply Gr 3 . VDRs3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPSVMCB1	28	313100 P002	128	1P	1P
010	PACS DC Supply Gr 3 . LVL3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPSVMCB1	28	313100 P002	111	1P	1P
029	PACS DC Supply Gr 3 . LVLs3		PD2.S -		P008	X02CC-28	3	008-3		TS6CC-28	HPSVMCB1	28	313100 P002	120	1P	1P
021	PACS DC Supply Gr 3 . SH008		PD2.S -		P008	X02CC-28	3	008-3		CS-008-3	HPSVMCB1	28	313100 P002	122	1P	1P
-																
011	PACS DC Supply Gr 3 . WELL3		PD2.S -		P008	X02CC-28	4	008-4		TS4CC-28	HPSVMCB1	28	313100 P002	121	1P	1P
030	PACS DC Supply Gr 3 . WELs3		PD2.S -		P008	X02CC-28	4	008-4		TS4CC-28	HPSVMCB1	28	313100 P002	114	1P	1P
012	PACS DC Supply Gr 3 . SUB3		PD2.S -		P008	X02CC-28	4	008-4		TS4CC-28	HPSVMCB1	28	313100 P002	112	1P	1P
031	PACS DC Supply Gr 3 . SUBs3		PD2.S -		P008	X02CC-28	4	008-4		TS4CC-28	HPSVMCB1	28	313100 P002	113	1P	1P
021	PACS DC Supply Gr 3 . SH008		PD2.S -		P008	X02CC-28	4	008-4		CS-008-4	HPSVMCB1	28	313100 P002	122	1P	1P
-																
032	PACS Detec Bias Gr 3 . Zero3		PD3.S -		P009	TS6CC-28	5				HPSVMCB1	28	313100 P002	104	1P	1P
014	PACS Detec Bias Gr 3 . Zers3		PD3.S -		P009	TS6CC-28	5				HPSVMCB1	28	313100 P002	103		
033	PACS Detec Bias Gr 3 . Gnd3		PD3.S -		P009	TS6CC-28	5				HPSVMCB1	28	313100 P002	092		
015	PACS Detec Bias Gr 3 . GnSe3		PD3.S -		P009	TS6CC-28	5				HPSVMCB1	28	313100 P002	102		
034	PACS Detec Bias Gr 3 . R3		PD3.S -		P009	TS6CC-28	5				HPSVMCB1	28	313100 P002	093		

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 322 (of 464)

Connector: 132100 P051
 HPDECMEC

Function / Bundle: DEC1 to FPU SIH-XP-03 (8,9)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
016	PACS Detec Bias Gr 3 . Rs3		PD3.S -		P009	TS6CC-28	5				HPSVMCB1	28	313100 P002	091	
013	PACS Detec Bias Gr 3 . SH009		PD3.S -		P009	TS6CC-28	5			CS-P009	HPSVMCB1	28	313100 P002	090	1P 1P
001	NC														
020	NC														
002	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P053
 HPDECMEC

Function / Bundle: DEC1 to FPUSIH-XP-03 (7)

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-58-15

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS Logic Supply Gr 3 . SELC3		PD1.S -		P007	X07CC-28	1	007-1		TS3CC-28	HPSVMCB1	28	313100 P002	089	1P	1P
009	PACS Logic Supply Gr 3 . SEL13		PD1.S -		P007	X07CC-28	1	007-1		TS3CC-28	HPSVMCB1	28	313100 P002	101	1P	1P
002	PACS Logic Supply Gr 3 . SEL23		PD1.S -		P007	X07CC-28	1	007-1		TS3CC-28	HPSVMCB1	28	313100 P002	100	1P	1P
013	PACS Logic Supply Gr 3 . SH007		PD1.S -		P007	X07CC-28	1	007-1		CS-007-1	HPSVMCB1	28	313100 P002	085	1P	1P
-																
010	PACS Logic Supply Gr 3 . CaDs3		PD1.S -		P007	X07CC-28	2	007-2		TS6CC-28	HPSVMCB1	28	313100 P002	088	1P	1P
003	PACS Logic Supply Gr 3 . CaD3		PD1.S -		P007	X07CC-28	2	007-2		TS6CC-28	HPSVMCB1	28	313100 P002	087	1P	1P
011	PACS Logic Supply Gr 3 . CnDs3		PD1.S -		P007	X07CC-28	2	007-2		TS6CC-28	HPSVMCB1	28	313100 P002	099	1P	1P
004	PACS Logic Supply Gr 3 . CnD3		PD1.S -		P007	X07CC-28	2	007-2		TS6CC-28	HPSVMCB1	28	313100 P002	098	1P	1P
012	PACS Logic Supply Gr 3 . VDDs3		PD1.S -		P007	X07CC-28	2	007-2		TS6CC-28	HPSVMCB1	28	313100 P002	086	1P	1P
005	PACS Logic Supply Gr 3 . VDD3		PD1.S -		P007	X07CC-28	2	007-2		TS6CC-28	HPSVMCB1	28	313100 P002	097	1P	1P
013	PACS Logic Supply Gr 3 . SH007		PD1.S -		P007	X07CC-28	2	007-2		CS-007-2	HPSVMCB1	28	313100 P002	085	1P	1P
006	NC															
014	NC															
007	NC															
015	NC															
008	NC															
CH	Overall Shield									Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 324 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P055
HPDECMEC

Function / Bundle: DEC1to FPU SIH-XP-03 (15a,46-52)

Conn.-Type: SCC340100201BDBMA25PNMBFO

Backshell: CA-68-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 01 . 3		PDO.S -		P046	SD1CC-28	1			TRIAX	HPSVMCB1	28	313100 P002	070	1P 1P
014	PACS Detec Out 01 . I	SHD	PDO.S -		P046	SD1CC-28	1			inner Shield	HPSVMCB1	28	313100 P002	069	
015	PACS Detec Out 01 . O	SHD	PDO.S -		P046	SD1CC-28	1			outer Shield	HPSVMCB1	28	313100 P002	081	
-															
016	PACS Detec Out 02 . 3		PDO.S -		P047	SD1CC-28	2			TRIAX	HPSVMCB1	28	313100 P002	079	1P 1P
003	PACS Detec Out 02 . I	SHD	PDO.S -		P047	SD1CC-28	2			inner Shield	HPSVMCB1	28	313100 P002	080	
004	PACS Detec Out 02 . O	SHD	PDO.S -		P047	SD1CC-28	2			outer Shield	HPSVMCB1	28	313100 P002	068	
-															
005	PACS Detec Out 03 . 3		PDO.S -		P048	SD1CC-28	3			TRIAX	HPSVMCB1	28	313100 P002	066	1P 1P
017	PACS Detec Out 03 . I	SHD	PDO.S -		P048	SD1CC-28	3			inner Shield	HPSVMCB1	28	313100 P002	078	
018	PACS Detec Out 03 . O	SHD	PDO.S -		P048	SD1CC-28	3			outer Shield	HPSVMCB1	28	313100 P002	067	
-															
019	PACS Detec Out 04 . 3		PDO.S -		P049	SD1CC-28	4			TRIAX	HPSVMCB1	28	313100 P002	076	1P 1P
006	PACS Detec Out 04 . I	SHD	PDO.S -		P049	SD1CC-28	4			inner Shield	HPSVMCB1	28	313100 P002	065	
007	PACS Detec Out 04 . O	SHD	PDO.S -		P049	SD1CC-28	4			outer Shield	HPSVMCB1	28	313100 P002	077	
-															
008	PACS Detec Out 05 . 3		PDO.S -		P050	SD1CC-28	5			TRIAX	HPSVMCB1	28	313100 P002	073	1P 1P
020	PACS Detec Out 05 . I	SHD	PDO.S -		P050	SD1CC-28	5			inner Shield	HPSVMCB1	28	313100 P002	062	
021	PACS Detec Out 05 . O	SHD	PDO.S -		P050	SD1CC-28	5			outer Shield	HPSVMCB1	28	313100 P002	074	
-															
022	PACS Detec Out 06 . 3		PDO.S -		P051	SD1CC-28	6			TRIAX	HPSVMCB1	28	313100 P002	095	1P 1P
009	PACS Detec Out 06 . I	SHD	PDO.S -		P051	SD1CC-28	6			inner Shield	HPSVMCB1	28	313100 P002	084	
010	PACS Detec Out 06 . O	SHD	PDO.S -		P051	SD1CC-28	6			outer Shield	HPSVMCB1	28	313100 P002	096	
-															
011	PACS Detec Out 07 . 3		PDO.S -		P052	SD1CC-28	7			TRIAX	HPSVMCB1	28	313100 P002	071	1P 1P
023	PACS Detec Out 07 . I	SHD	PDO.S -		P052	SD1CC-28	7			inner Shield	HPSVMCB1	28	313100 P002	083	
024	PACS Detec Out 07 . O	SHD	PDO.S -		P052	SD1CC-28	7			outer Shield	HPSVMCB1	28	313100 P002	072	
-															
025	PACS Detec Outref a Gr 3 . 3		PDR.S -		P15A	SD1CC-28	8			TRIAX	HPSVMCB1	28	313100 P002	048	1P 1P
012	PACS Detec Outref a Gr 3 . I	SHD	PDR.S -		P15A	SD1CC-28	8			inner Shield	HPSVMCB1	28	313100 P002	049	1P
013	PACS Detec Outref a Gr 3 . O	SHD	PDR.S -		P15A	SD1CC-28	8			outer Shield	HPSVMCB1	28	313100 P002	060	1P
001	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 326 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P057
 HPDECMEC

Function / Bundle: DEC1 to FPU SIH-XP-03 (15b,53-60)

Conn.-Type: SCC340100201BDBMA25PNMBFO

Backshell: CA-68-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 08 . 3		PDO.S -		P053	SD1CC-28	1			TRIAX	HPSVMCB1	28	313100 P002	063	1P 1P
014	PACS Detec Out 08 . I	SHD	PDO.S -		P053	SD1CC-28	1			inner Shield	HPSVMCB1	28	313100 P002	075	
015	PACS Detec Out 08 . O	SHD	PDO.S -		P053	SD1CC-28	1			outer Shield	HPSVMCB1	28	313100 P002	064	
-															
016	PACS Detec Out 09 . 3		PDO.S -		P054	SD1CC-28	2			TRIAX	HPSVMCB1	28	313100 P002	047	1P 1P
003	PACS Detec Out 09 . I	SHD	PDO.S -		P054	SD1CC-28	2			inner Shield	HPSVMCB1	28	313100 P002	046	
004	PACS Detec Out 09 . O	SHD	PDO.S -		P054	SD1CC-28	2			outer Shield	HPSVMCB1	28	313100 P002	058	
-															
005	PACS Detec Out 10 . 3		PDO.S -		P055	SD1CC-28	3			TRIAX	HPSVMCB1	28	313100 P002	057	1P 1P
017	PACS Detec Out 10 . I	SHD	PDO.S -		P055	SD1CC-28	3			inner Shield	HPSVMCB1	28	313100 P002	056	
018	PACS Detec Out 10 . O	SHD	PDO.S -		P055	SD1CC-28	3			outer Shield	HPSVMCB1	28	313100 P002	045	
-															
019	PACS Detec Out 11 . 3		PDO.S -		P056	SD1CC-28	4			TRIAX	HPSVMCB1	28	313100 P002	044	1P 1P
006	PACS Detec Out 11 . I	SHD	PDO.S -		P056	SD1CC-28	4			inner Shield	HPSVMCB1	28	313100 P002	043	
007	PACS Detec Out 11 . O	SHD	PDO.S -		P056	SD1CC-28	4			outer Shield	HPSVMCB1	28	313100 P002	055	
-															
008	PACS Detec Out 12 . 3		PDO.S -		P057	SD1CC-28	5			TRIAX	HPSVMCB1	28	313100 P002	042	1P 1P
020	PACS Detec Out 12 . I	SHD	PDO.S -		P057	SD1CC-28	5			inner Shield	HPSVMCB1	28	313100 P002	053	
021	PACS Detec Out 12 . O	SHD	PDO.S -		P057	SD1CC-28	5			outer Shield	HPSVMCB1	28	313100 P002	054	
-															
022	PACS Detec Out 13 . 3		PDO.S -		P058	SD1CC-28	6			TRIAX	HPSVMCB1	28	313100 P002	040	1P 1P
009	PACS Detec Out 13 . I		PDO.S -		P058	SD1CC-28	6			inner Shield	HPSVMCB1	28	313100 P002	041	1P
010	PACS Detec Out 13 . O	SHD	PDO.S -		P058	SD1CC-28	6			outer Shield	HPSVMCB1	28	313100 P002	052	
-															
011	PACS Detec Outref b Gr 3 . 3		PDR.S -		P15B	SD1CC-28	7			TRIAX	HPSVMCB1	28	313100 P002	050	1P 1P
023	PACS Detec Outref b Gr 3 . I		PDR.S -		P15B	SD1CC-28	7			inner Shield	HPSVMCB1	28	313100 P002	039	
024	PACS Detec Outref b Gr 3 . O	SHD	PDR.S -		P15B	SD1CC-28	7			outer Shield	HPSVMCB1	28	313100 P002	051	
-															
012	PACS Detec Synch Gr 3 . SIG		PDS.S -		P059	SS1CC-28	8				HPSVMCB1	28	313100 P002	017	1P 1P
025	PACS Detec Synch Gr 3 . SH059	SHD	PDS.S -		P059	SS1CC-28	8			CS-P059	HPSVMCB1	28	313100 P002	009	1P 1P
-															
013	PACS Detec Clock Gr 3 . SIG		PDC.S -		P060	SS1CC-28	9				HPSVMCB1	28	313100 P002	018	1P 1P
025	PACS Detec Clock Gr 3 . SH060	SHD	PDC.S -		P060	SS1CC-28	9			CS-P060	HPSVMCB1	28	313100 P002	028	1P 1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
Issue : 2.0 Date : 26.11.2004
Sheet : 328 (of 464)

Connector: 132100 P057
HPDECMEC

Function / Bundle: DEC1 to FPU SIH-XP-03 (15b,53-60)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-68-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P078
 HPDECMEC

Function / Bundle: DEC1 to FPU SIH-XP-03 (76)

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-58-15

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
009	PACS Detec Tsens+H Sup 3/4 . I163		PD4.S -		P076	X04CC-28	1	076-1		TS5CC-28	HPSVMCB1	28	313100 P002	010	1P	1P
002	PACS Detec Tsens+H Sup 3/4 . U163		PD4.S -		P076	X04CC-28	1	076-1		TS5CC-28	HPSVMCB1	28	313100 P002	019	1P	1P
010	PACS Detec Tsens+H Sup 3/4 . U263		PD4.S -		P076	X04CC-28	1	076-1		TS5CC-28	HPSVMCB1	28	313100 P002	011	1P	1P
003	PACS Detec Tsens+H Sup 3/4 . U363		PD4.S -		P076	X04CC-28	1	076-1		TS5CC-28	HPSVMCB1	28	313100 P002	020	1P	1P
011	PACS Detec Tsens+H Sup 3/4 . I263		PD4.S -		P076	X04CC-28	1	076-1		TS5CC-28	HPSVMCB1	28	313100 P002	012	1P	1P
001	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.S -		P076	X04CC-28	1	076-1		CS-076-1	HPSVMCB1	28	313100 P002	003	1P	1P
-																
004	PACS Detec Tsens+H Sup 3/4 . I1194		PD4.S -		P076	X04CC-28	2	076-2		TS5CC-28	HPSVMCB1	28	313100 P002	021	1P	1P
012	PACS Detec Tsens+H Sup 3/4 . U1194		PD4.S -		P076	X04CC-28	2	076-2		TS5CC-28	HPSVMCB1	28	313100 P002	013	1P	1P
005	PACS Detec Tsens+H Sup 3/4 . U2194		PD4.S -		P076	X04CC-28	2	076-2		TS5CC-28	HPSVMCB1	28	313100 P002	022	1P	1P
013	PACS Detec Tsens+H Sup 3/4 . U3194		PD4.S -		P076	X04CC-28	2	076-2		TS5CC-28	HPSVMCB1	28	313100 P002	014	1P	1P
006	PACS Detec Tsens+H Sup 3/4 . I2194		PD4.S -		P076	X04CC-28	2	076-2		TS5CC-28	HPSVMCB1	28	313100 P002	023	1P	1P
001	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.S -		P076	X04CC-28	2	076-2		CS-076-2	HPSVMCB1	28	313100 P002	003	1P	1P
-																1P
014	PACS Detec Tsens+H Sup 3/4 . He1hi		PD4.S -		P076	X04CC-28	3	076-3		TS4CC-28	HPSVMCB1	28	313100 P002	004	1P	1P
007	PACS Detec Tsens+H Sup 3/4 . He1lo		PD4.S -		P076	X04CC-28	3	076-3		TS4CC-28	HPSVMCB1	28	313100 P002	005	1P	1P
015	PACS Detec Tsens+H Sup 3/4 . He2hi		PD4.S -		P076	X04CC-28	3	076-3		TS4CC-28	HPSVMCB1	28	313100 P002	006	1P	1P
008	PACS Detec Tsens+H Sup 3/4 . He2lo		PD4.S -		P076	X04CC-28	3	076-3		TS4CC-28	HPSVMCB1	28	313100 P002	007	1P	1P
001	PACS Detec Tsens+H Sup 3/4 . SH076		PD4.S -		P076	X04CC-28	2	076-3		CS-076-3	HPSVMCB1	28	313100 P002	003	1P	1P
-																
CH	Overall Shield									Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 330 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313100 P001
 HPSVMCB1

Function / Bundle: SIH-XP-04 (16A;16B;61-74;10-12)

Conn.-Type: SCC340104401B06G2235SN

Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
093	PACS Detec Out 21 4 . 4		PDO.S -		P068	SD1CC-28	1			TRIAX	HPDECMEC	18	132100 P068	002	1P 1P
092	PACS Detec Out 21 4 . I		PDO.S -		P068	SD1CC-28	1			inner Shield	HPDECMEC	18	132100 P068	014	
100	PACS Detec Out 21 4 . O		PDO.S -		P068	SD1CC-28	1			outer Shield	HPDECMEC	18	132100 P068	015	
-															
099	PACS Detec Out 22 4 . 4		PDO.S -		P069	SD1CC-28	2			TRIAX	HPDECMEC	18	132100 P068	016	1P 1P
098	PACS Detec Out 22 4 . I		PDO.S -		P069	SD1CC-28	2			inner Shield	HPDECMEC	18	132100 P068	003	
091	PACS Detec Out 22 4 . O		PDO.S -		P069	SD1CC-28	2			outer Shield	HPDECMEC	18	132100 P068	004	
-															
090	PACS Detec Out 23 4 . 4		PDO.S -		P070	SD1CC-28	3			TRIAX	HPDECMEC	18	132100 P068	005	1P 1P
081	PACS Detec Out 23 4 . I		PDO.S -		P070	SD1CC-28	3			inner Shield	HPDECMEC	18	132100 P068	017	
089	PACS Detec Out 23 4 . O		PDO.S -		P070	SD1CC-28	3			outer Shield	HPDECMEC	18	132100 P068	018	
-															
096	PACS Detec Out 24 4 . 4		PDO.S -		P071	SD1CC-28	4			TRIAX	HPDECMEC	18	132100 P068	019	1P 1P
095	PACS Detec Out 24 4 . I		PDO.S -		P071	SD1CC-28	4			inner Shield	HPDECMEC	18	132100 P068	006	
097	PACS Detec Out 24 4 . O		PDO.S -		P071	SD1CC-28	4			outer Shield	HPDECMEC	18	132100 P068	007	
-															
087	PACS Detec Out 25 4 . 4		PDO.S -		P072	SD1CC-28	5			TRIAX	HPDECMEC	18	132100 P068	008	1P 1P
094	PACS Detec Out 25 4 . I		PDO.S -		P072	SD1CC-28	5			inner Shield	HPDECMEC	18	132100 P068	020	
088	PACS Detec Out 25 4 . O		PDO.S -		P072	SD1CC-28	5			outer Shield	HPDECMEC	18	132100 P068	021	
-															
080	PACS Detec Outref b Gr 4 . 4		PDR.S -		P16B	SD1CC-28	6			TRIAX	HPDECMEC	18	132100 P068	011	1P 1P
070	PACS Detec Outref b Gr 4 . I		PDR.S -		P16B	SD1CC-28	6			inner Shield	HPDECMEC	18	132100 P068	023	1P
079	PACS Detec Outref b Gr 4 . O		PDR.S -		P16B	SD1CC-28	6			outer Shield	HPDECMEC	18	132100 P068	024	1P
-															
086	PACS Detec Synch Gr 4 . SIG		PDS.S -		P073	SS1CC-28	7				HPDECMEC	18	132100 P068	012	1P 1P
077	PACS Detec Synch Gr 4 . SH073		PDS.S -		P073	SS1CC-28	7			CS-P073	HPDECMEC	18	132100 P068	025	1P 1P
-															
068	PACS Detec Clock Gr 4 . SIG		PDC.S -		P074	SS1CC-28	8				HPDECMEC	18	132100 P068	013	1P 1P
078	PACS Detec Clock Gr 4 . SH074		PDC.S -		P074	SS1CC-28	8			CS-P074	HPDECMEC	18	132100 P068	025	1P 1P
-															
076	PACS Detec Out 14 4 . 4		PDO.S -		P061	SD1CC-28	9			TRIAX	HPDECMEC	18	132100 P066	002	1P 1P
075	PACS Detec Out 14 4 . I		PDO.S -		P061	SD1CC-28	9			inner Shield	HPDECMEC	18	132100 P066	014	
085	PACS Detec Out 14 4 . O		PDO.S -		P061	SD1CC-28	9			outer Shield	HPDECMEC	18	132100 P066	015	

Pin Allocation List

(Harness)

Connector: 313100 P001
HPSVMCB1

Function / Bundle: SIH-XP-04 (16A;16B;61-74;10-12)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
-															
074	PACS Detec Out 15 4 . 4		PDO.S -		P062	SD1CC-28	10			TRIAX	HPDECMC	18	132100 P066	016	1P 1P
083	PACS Detec Out 15 4 . I		PDO.S -		P062	SD1CC-28	10			inner Shield	HPDECMC	18	132100 P066	003	
084	PACS Detec Out 15 4 . O		PDO.S -		P062	SD1CC-28	10			outer Shield	HPDECMC	18	132100 P066	004	
-															
072	PACS Detec Out 16 4 . 4		PDO.S -		P063	SD1CC-28	11			TRIAX	HPDECMC	18	132100 P066	005	1P 1P
073	PACS Detec Out 16 4 . I		PDO.S -		P063	SD1CC-28	11			inner Shield	HPDECMC	18	132100 P066	017	
082	PACS Detec Out 16 4 . O		PDO.S -		P063	SD1CC-28	11			outer Shield	HPDECMC	18	132100 P066	018	
-															
061	PACS Detec Out 17 4 . 4		PDO.S -		P064	SD1CC-28	12			TRIAX	HPDECMC	18	132100 P066	019	1P 1P
071	PACS Detec Out 17 4 . I		PDO.S -		P064	SD1CC-28	12			inner Shield	HPDECMC	18	132100 P066	006	
060	PACS Detec Out 17 4 . O		PDO.S -		P064	SD1CC-28	12			outer Shield	HPDECMC	18	132100 P066	007	
-															
059	PACS Detec Out 18 4 . 4		PDO.S -		P065	SD1CC-28	13			TRIAX	HPDECMC	18	132100 P066	008	1P 1P
058	PACS Detec Out 18 4 . I		PDO.S -		P065	SD1CC-28	13			inner Shield	HPDECMC	18	132100 P066	020	
069	PACS Detec Out 18 4 . O		PDO.S -		P065	SD1CC-28	13			outer Shield	HPDECMC	18	132100 P066	021	
-															
055	PACS Detec Out 19 4 . 4		PDO.S -		P066	SD1CC-28	14			TRIAX	HPDECMC	18	132100 P066	022	1P 1P
066	PACS Detec Out 19 4 . I		PDO.S -		P066	SD1CC-28	14			inner Shield	HPDECMC	18	132100 P066	009	
065	PACS Detec Out 19 4 . O		PDO.S -		P066	SD1CC-28	14			outer Shield	HPDECMC	18	132100 P066	010	
-															
053	PACS Detec Out 20 4 . 4		PDO.S -		P067	SD1CC-28	15			TRIAX	HPDECMC	18	132100 P066	011	1P 1P
054	PACS Detec Out 20 4 . I		PDO.S -		P067	SD1CC-28	15			inner Shield	HPDECMC	18	132100 P066	023	
064	PACS Detec Out 20 4 . O		PDO.S -		P067	SD1CC-28	15			outer Shield	HPDECMC	18	132100 P066	024	
-															
052	PACS Detec Outref a Gr 4 . 4		PDR.S -		P16A	SD1CC-28	16			TRIAX	HPDECMC	18	132100 P066	025	1P 1P
051	PACS Detec Outref a Gr 4 . I		PDR.S -		P16A	SD1CC-28	16			inner Shield	HPDECMC	18	132100 P066	012	
062	PACS Detec Outref a Gr 4 . O		PDR.S -		P16A	SD1CC-28	16			outer Shield	HPDECMC	18	132100 P066	013	
-															
041	PACS Logic Supply Gr 4 . SELC4		PD1.S -		P010	X07CC-28	17	010-1		TS3CC-28	HPDECMC	18	132100 P064	001	1P 1P
031	PACS Logic Supply Gr 4 . SEL14		PD1.S -		P010	X07CC-28	17	010-1		TS3CC-28	HPDECMC	18	132100 P064	009	1P 1P
042	PACS Logic Supply Gr 4 . SEL24		PD1.S -		P010	X07CC-28	17	010-1		TS3CC-28	HPDECMC	18	132100 P064	002	1P 1P
030	PACS Logic Supply Gr 4 . SH010		PD1.S -		P010	X07CC-28	17	010-1		CS-010-1	HPDECMC	18	132100 P064	013	1P 1P

Pin Allocation List

(Harness)

Connector: 313100 P001
HPSVMCB1

Function / Bundle: SIH-XP-04 (16A;16B;61-74;10-12)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
-															
032	PACS Logic Supply Gr 4 . CaDs4		PD1.S -		P010	X07CC-28	18	010-2		TS6CC-28	HPDECMEC	18	132100 P064	010	1P 1P
043	PACS Logic Supply Gr 4 . CaD4		PD1.S -		P010	X07CC-28	18	010-2		TS3CC-28	HPDECMEC	18	132100 P064	003	1P 1P
033	PACS Logic Supply Gr 4 . CnDs4		PD1.S -		P010	X07CC-28	18	010-2		TS3CC-28	HPDECMEC	18	132100 P064	011	1P 1P
044	PACS Logic Supply Gr 4 . CnD4		PD1.S -		P010	X07CC-28	18	010-2		TS3CC-28	HPDECMEC	18	132100 P064	004	1P 1P
034	PACS Logic Supply Gr 4 . VDds4		PD1.S -		P010	X07CC-28	18	010-2		TS3CC-28	HPDECMEC	18	132100 P064	012	1P 1P
045	PACS Logic Supply Gr 4 . VDDd4		PD1.S -		P010	X07CC-28	18	010-2		TS3CC-28	HPDECMEC	18	132100 P064	005	1P 1P
030	PACS Logic Supply Gr 4 . SH010		PD1.S -		P010	X07CC-28	18	010-2		CS-010-2	HPDECMEC	18	132100 P064	013	1P 1P
-															
009	PACS DC Supply Gr 4 . VDDa4		PD2.S -		P011	X02CC-28	19	011-1		TS4CC-28	HPDECMEC	18	132100 P062	003	1P 1P
018	PACS DC Supply Gr 4 . VDAs4		PD2.S -		P011	X02CC-28	19	011-1		TS4CC-28	HPDECMEC	18	132100 P062	022	1P 1P
010	PACS DC Supply Gr 4 . VSS4		PD2.S -		P011	X02CC-28	19	011-1		TS4CC-28	HPDECMEC	18	132100 P062	004	1P 1P
019	PACS DC Supply Gr 4 . VSSs4		PD2.S -		P011	X02CC-28	19	011-1		TS4CC-28	HPDECMEC	18	132100 P062	023	1P 1P
001	PACS DC Supply Gr 4 . SH011		PD2.S -		P011	X02CC-28	19	011-1		CS-011-1	HPDECMEC	18	132100 P062	021	1P 1P
-															
011	PACS DC Supply Gr 4 . CasP4		PD2.S -		P011	X02CC-28	20	011-2		TS6CC-28	HPDECMEC	18	132100 P062	005	1P 1P
020	PACS DC Supply Gr 4 . CaPs4		PD2.S -		P011	X02CC-28	20	011-2		TS6CC-28	HPDECMEC	18	132100 P062	024	1P 1P
012	PACS DC Supply Gr 4 . CasN4		PD2.S -		P011	X02CC-28	20	011-2		TS6CC-28	HPDECMEC	18	132100 P062	006	1P 1P
021	PACS DC Supply Gr 4 . CaNs4		PD2.S -		P011	X02CC-28	20	011-2		TS6CC-28	HPDECMEC	18	132100 P062	025	1P 1P
013	PACS DC Supply Gr 4 . CaN14		PD2.S -		P011	X02CC-28	20	011-2		TS6CC-28	HPDECMEC	18	132100 P062	007	1P 1P
022	PACS DC Supply Gr 4 . CN1s4		PD2.S -		P011	X02CC-28	20	011-2		TS6CC-28	HPDECMEC	18	132100 P062	026	1P 1P
001	PACS DC Supply Gr 4 . SH011		PD2.S -		P011	X02CC-28	20	011-2		CS-011-2	HPDECMEC	18	132100 P062	021	1P 1P
-															
014	PACS DC Supply Gr 4 . CaN24		PD2.S -		P011	X02CC-28	21	011-3		TS6CC-28	HPDECMEC	18	132100 P062	008	1P 1P
023	PACS DC Supply Gr 4 . CN2s4		PD2.S -		P011	X02CC-28	21	011-3		TS6CC-28	HPDECMEC	18	132100 P062	027	1P 1P
015	PACS DC Supply Gr 4 . VDDr4		PD2.S -		P011	X02CC-28	21	011-3		TS6CC-28	HPDECMEC	18	132100 P062	009	1P 1P
024	PACS DC Supply Gr 4 . VDRs4		PD2.S -		P011	X02CC-28	21	011-3		TS6CC-28	HPDECMEC	18	132100 P062	028	1P 1P
006	PACS DC Supply Gr 4 . LVL4		PD2.S -		P011	X02CC-28	21	011-3		TS6CC-28	HPDECMEC	18	132100 P062	010	1P 1P
007	PACS DC Supply Gr 4 . LVLs4		PD2.S -		P011	X02CC-28	21	011-3		TS6CC-28	HPDECMEC	18	132100 P062	029	1P 1P
001	PACS DC Supply Gr 4 . SH011		PD2.S -		P011	X02CC-28	21	011-3		CS-011-3	HPDECMEC	18	132100 P062	021	1P 1P
-															
004	PACS DC Supply Gr 4 . WELL4		PD2.S -		P011	X02CC-28	22	011-4		TS4CC-28	HPDECMEC	18	132100 P062	011	1P 1P

Pin Allocation List (Harness)

Connector: 313100 P001
 HPSVMCB1

Function / Bundle: SIH-XP-04 (16A;16B;61-74;10-12)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
005	PACS DC Supply Gr 4 . WELs4		PD2.S -		P011	X02CC-28	22	011-4		TS4CC-28	HPDECMC	18	132100 P062	030	1P 1P
002	PACS DC Supply Gr 4 . SUB4		PD2.S -		P011	X02CC-28	22	011-4		TS4CC-28	HPDECMC	18	132100 P062	012	1P 1P
003	PACS DC Supply Gr 4 . SUBs4		PD2.S -		P011	X02CC-28	22	011-4		TS4CC-28	HPDECMC	18	132100 P062	031	1P 1P
001	PACS DC Supply Gr 4 . SH011		PD2.S -		P011	X02CC-28	22	011-4		CS-011-4	HPDECMC	18	132100 P062	021	1P 1P
-															
027	PACS Detec Bias Gr 4 . Zero4		PD3.S -		P012	TS6CC-28	23				HPDECMC	18	132100 P062	032	1P 1P
038	PACS Detec Bias Gr 4 . Zers4		PD3.S -		P012	TS6CC-28	23				HPDECMC	18	132100 P062	014	
028	PACS Detec Bias Gr 4 . Gnd4		PD3.S -		P012	TS6CC-28	23				HPDECMC	18	132100 P062	033	
039	PACS Detec Bias Gr 4 . GnSe4		PD3.S -		P012	TS6CC-28	23				HPDECMC	18	132100 P062	015	
029	PACS Detec Bias Gr 4 . R4		PD3.S -		P012	TS6CC-28	23				HPDECMC	18	132100 P062	034	
040	PACS Detec Bias Gr 4 . Rs4		PD3.S -		P012	TS6CC-28	23				HPDECMC	18	132100 P062	016	
037	PACS Detec Bias Gr 4 . SH012		PD3.S -		P012	TS6CC-28	23			CS-P012	HPDECMC	18	132100 P062	013	1P 1P
-															
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P068
HPDECMEC

Function / Bundle: DEC1to FPUSSIH-XP-04 (16b,68-74)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-69-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
002	PACS Detec Out 21 4 . 4		PDO.S -		P068	SD1CC-28	1			TRIAX	HPSVMCB1	28	313100 P001	093	1P	1P
014	PACS Detec Out 21 4 . I	SHD	PDO.S -		P068	SD1CC-28	1			inner Shield	HPSVMCB1	28	313100 P001	092		
015	PACS Detec Out 21 4 . O	SHD	PDO.S -		P068	SD1CC-28	1			outer Shield	HPSVMCB1	28	313100 P001	100		
-																
016	PACS Detec Out 22 4 . 4		PDO.S -		P069	SD1CC-28	2			TRIAX	HPSVMCB1	28	313100 P001	099	1P	1P
003	PACS Detec Out 22 4 . I	SHD	PDO.S -		P069	SD1CC-28	2			inner Shield	HPSVMCB1	28	313100 P001	098		
004	PACS Detec Out 22 4 . O	SHD	PDO.S -		P069	SD1CC-28	2			outer Shield	HPSVMCB1	28	313100 P001	091		
-																
005	PACS Detec Out 23 4 . 4		PDO.S -		P070	SD1CC-28	3			TRIAX	HPSVMCB1	28	313100 P001	090	1P	1P
017	PACS Detec Out 23 4 . I	SHD	PDO.S -		P070	SD1CC-28	3			inner Shield	HPSVMCB1	28	313100 P001	081		
018	PACS Detec Out 23 4 . O	SHD	PDO.S -		P070	SD1CC-28	3			outer Shield	HPSVMCB1	28	313100 P001	089		
-																
019	PACS Detec Out 24 4 . 4		PDO.S -		P071	SD1CC-28	4			TRIAX	HPSVMCB1	28	313100 P001	096	1P	1P
006	PACS Detec Out 24 4 . I	SHD	PDO.S -		P071	SD1CC-28	4			inner Shield	HPSVMCB1	28	313100 P001	095		
007	PACS Detec Out 24 4 . O	SHD	PDO.S -		P071	SD1CC-28	4			outer Shield	HPSVMCB1	28	313100 P001	097		
-																
008	PACS Detec Out 25 4 . 4		PDO.S -		P072	SD1CC-28	5			TRIAX	HPSVMCB1	28	313100 P001	087	1P	1P
020	PACS Detec Out 25 4 . I	SHD	PDO.S -		P072	SD1CC-28	5			inner Shield	HPSVMCB1	28	313100 P001	094		
021	PACS Detec Out 25 4 . O	SHD	PDO.S -		P072	SD1CC-28	5			outer Shield	HPSVMCB1	28	313100 P001	088		
-																
011	PACS Detec Outref b Gr 4 . 4		PDR.S -		P16B	SD1CC-28	6			TRIAX	HPSVMCB1	28	313100 P001	080	1P	1P
023	PACS Detec Outref b Gr 4 . I	SHD	PDR.S -		P16B	SD1CC-28	6			inner Shield	HPSVMCB1	28	313100 P001	070	1P	
024	PACS Detec Outref b Gr 4 . O	SHD	PDR.S -		P16B	SD1CC-28	6			outer Shield	HPSVMCB1	28	313100 P001	079	1P	
-																
012	PACS Detec Synch Gr 4 . SIG		PDS.S -		P073	SS1CC-28	7				HPSVMCB1	28	313100 P001	086	1P	1P
025	PACS Detec Synch Gr 4 . SH073		PDS.S -		P073	SS1CC-28	7			CS-P073	HPSVMCB1	28	313100 P001	077	1P	1P
-																
013	PACS Detec Clock Gr 4 . SIG		PDC.S -		P074	SS1CC-28	8				HPSVMCB1	28	313100 P001	068	1P	1P
025	PACS Detec Clock Gr 4 . SH074		PDC.S -		P074	SS1CC-28	8			CS-P074	HPSVMCB1	28	313100 P001	078	1P	1P
001	NC															
009	NC															
022	NC															
010	NC															

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 336 (of 464)

Connector: 132100 P068
HPDECMEC

Function / Bundle: DEC1to FPUSSIH-XP-04 (16b,68-74)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-69-25

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					1P

Pin Allocation List

(Harness)

Connector: 132100 P066
HPDECMEC

Function / Bundle: DEC1 to FPU SIH-XP-04 (16a,61-67)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-69-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Detec Out 14 4 . 4		PDO.S -		P061	SD1CC-28	1			TRIAX	HPSVMCB1	28	313100 P001	076	1P 1P
014	PACS Detec Out 14 4 . I	SHD	PDO.S -		P061	SD1CC-28	1			inner Shield	HPSVMCB1	28	313100 P001	075	
015	PACS Detec Out 14 4 . O	SHD	PDO.S -		P061	SD1CC-28	1			outer Shield	HPSVMCB1	28	313100 P001	085	
-															
016	PACS Detec Out 15 4 . 4		PDO.S -		P062	SD1CC-28	2			TRIAX	HPSVMCB1	28	313100 P001	074	1P 1P
003	PACS Detec Out 15 4 . I	SHD	PDO.S -		P062	SD1CC-28	2			inner Shield	HPSVMCB1	28	313100 P001	083	
004	PACS Detec Out 15 4 . O	SHD	PDO.S -		P062	SD1CC-28	2			outer Shield	HPSVMCB1	28	313100 P001	084	
-															
005	PACS Detec Out 16 4 . 4		PDO.S -		P063	SD1CC-28	3			TRIAX	HPSVMCB1	28	313100 P001	072	1P 1P
017	PACS Detec Out 16 4 . I	SHD	PDO.S -		P063	SD1CC-28	3			inner Shield	HPSVMCB1	28	313100 P001	073	
018	PACS Detec Out 16 4 . O	SHD	PDO.S -		P063	SD1CC-28	3			outer Shield	HPSVMCB1	28	313100 P001	082	
-															
019	PACS Detec Out 17 4 . 4		PDO.S -		P064	SD1CC-28	4			TRIAX	HPSVMCB1	28	313100 P001	061	1P 1P
006	PACS Detec Out 17 4 . I	SHD	PDO.S -		P064	SD1CC-28	4			inner Shield	HPSVMCB1	28	313100 P001	071	
007	PACS Detec Out 17 4 . O	SHD	PDO.S -		P064	SD1CC-28	4			outer Shield	HPSVMCB1	28	313100 P001	060	
-															
008	PACS Detec Out 18 4 . 4		PDO.S -		P065	SD1CC-28	5			TRIAX	HPSVMCB1	28	313100 P001	059	1P 1P
020	PACS Detec Out 18 4 . I	SHD	PDO.S -		P065	SD1CC-28	5			inner Shield	HPSVMCB1	28	313100 P001	058	
021	PACS Detec Out 18 4 . O	SHD	PDO.S -		P065	SD1CC-28	5			outer Shield	HPSVMCB1	28	313100 P001	069	
-															
022	PACS Detec Out 19 4 . 4		PDO.S -		P066	SD1CC-28	6			TRIAX	HPSVMCB1	28	313100 P001	055	1P 1P
009	PACS Detec Out 19 4 . I	SHD	PDO.S -		P066	SD1CC-28	6			inner Shield	HPSVMCB1	28	313100 P001	066	
010	PACS Detec Out 19 4 . O	SHD	PDO.S -		P066	SD1CC-28	6			outer Shield	HPSVMCB1	28	313100 P001	065	
-															
011	PACS Detec Out 20 4 . 4		PDO.S -		P067	SD1CC-28	7			TRIAX	HPSVMCB1	28	313100 P001	053	1P 1P
023	PACS Detec Out 20 4 . I	SHD	PDO.S -		P067	SD1CC-28	7			inner Shield	HPSVMCB1	28	313100 P001	054	
024	PACS Detec Out 20 4 . O	SHD	PDO.S -		P067	SD1CC-28	7			outer Shield	HPSVMCB1	28	313100 P001	064	
-															
025	PACS Detec Outref a Gr 4 . 4		PDR.S -		P16A	SD1CC-28	8			TRIAX	HPSVMCB1	28	313100 P001	052	1P 1P
012	PACS Detec Outref a Gr 4 . I	SHD	PDR.S -		P16A	SD1CC-28	8			inner Shield	HPSVMCB1	28	313100 P001	051	
013	PACS Detec Outref a Gr 4 . O	SHD	PDR.S -		P16A	SD1CC-28	8			outer Shield	HPSVMCB1	28	313100 P001	062	
001	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 338 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P064
 HPDECMEC

Function / Bundle: DEC1 to FPU SIH-XP-04 (10)

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-34-15

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS Logic Supply Gr 4 . SELC4		PD1.S -		P010	X07CC-28	1	010-1		TS3CC-28	HPSVMCB1	28	313100 P001	041	1P 1P
009	PACS Logic Supply Gr 4 . SEL14		PD1.S -		P010	X07CC-28	1	010-1		TS3CC-28	HPSVMCB1	28	313100 P001	031	1P 1P
002	PACS Logic Supply Gr 4 . SEL24		PD1.S -		P010	X07CC-28	1	010-1		TS3CC-28	HPSVMCB1	28	313100 P001	042	1P 1P
013	PACS Logic Supply Gr 4 . SH010		PD1.S -		P010	X07CC-28	1	010-1		CS-010-1	HPSVMCB1	28	313100 P001	030	1P 1P
-															
010	PACS Logic Supply Gr 4 . CaDs4		PD1.S -		P010	X07CC-28	2	010-2		TS6CC-28	HPSVMCB1	28	313100 P001	032	1P 1P
003	PACS Logic Supply Gr 4 . CaD4		PD1.S -		P010	X07CC-28	2	010-2		TS6CC-28	HPSVMCB1	28	313100 P001	043	1P 1P
011	PACS Logic Supply Gr 4 . CnDs4		PD1.S -		P010	X07CC-28	2	010-2		TS6CC-28	HPSVMCB1	28	313100 P001	033	1P 1P
004	PACS Logic Supply Gr 4 . CnD4		PD1.S -		P010	X07CC-28	2	010-2		TS6CC-28	HPSVMCB1	28	313100 P001	044	1P 1P
012	PACS Logic Supply Gr 4 . VDds4		PD1.S -		P010	X07CC-28	2	010-2		TS6CC-28	HPSVMCB1	28	313100 P001	034	1P 1P
005	PACS Logic Supply Gr 4 . VDDd4		PD1.S -		P010	X07CC-28	2	010-2		TS6CC-28	HPSVMCB1	28	313100 P001	045	1P 1P
013	PACS Logic Supply Gr 4 . SH010		PD1.S -		P010	X07CC-28	2	010-2		CS-010-2	HPSVMCB1	28	313100 P001	030	1P 1P
006	NC														
014	NC														
007	NC														
015	NC														
008	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 340 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P062
HPDECMEC

Function / Bundle: DEC1to FPU SIH-XP-04 (11,12)

Conn.-Type: SCC340100201BDCMA37PNMBFO

Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
003	PACS DC Supply Gr 4 . VDDa4		PD2.S -		P011	X02CC-28	1	011-1		TS4CC-28	HPSVMCB1	28	313100 P001	009	1P	1P
022	PACS DC Supply Gr 4 . VDAs4		PD2.S -		P011	X02CC-28	1	011-1		TS4CC-28	HPSVMCB1	28	313100 P001	018	1P	1P
004	PACS DC Supply Gr 4 . VSS4		PD2.S -		P011	X02CC-28	1	011-1		TS4CC-28	HPSVMCB1	28	313100 P001	010	1P	1P
023	PACS DC Supply Gr 4 . VSSs4		PD2.S -		P011	X02CC-28	1	011-1		TS4CC-28	HPSVMCB1	28	313100 P001	019	1P	1P
021	PACS DC Supply Gr 4 . SH011		PD2.S -		P011	X02CC-28	1	011-1		CS-011-1	HPSVMCB1	28	313100 P001	001	1P	1P
-																
005	PACS DC Supply Gr 4 . CasP4		PD2.S -		P011	X02CC-28	2	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	011	1P	1P
024	PACS DC Supply Gr 4 . CaPs4		PD2.S -		P011	X02CC-28	2	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	020	1P	1P
006	PACS DC Supply Gr 4 . CasN4		PD2.S -		P011	X02CC-28	2	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	012	1P	1P
025	PACS DC Supply Gr 4 . CaNs4		PD2.S -		P011	X02CC-28	2	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	021	1P	1P
007	PACS DC Supply Gr 4 . CaN14		PD2.S -		P011	X02CC-28	2	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	013	1P	1P
026	PACS DC Supply Gr 4 . CN1s4		PD2.S -		P011	X02CC-28	2	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	022	1P	1P
021	PACS DC Supply Gr 4 . SH011		PD2.S -		P011	X02CC-28	2	011-2		CS-011-2	HPSVMCB1	28	313100 P001	001	1P	1P
-								011-2								1P
008	PACS DC Supply Gr 4 . CaN24		PD2.S -		P011	X02CC-28	3	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	014	1P	1P
027	PACS DC Supply Gr 4 . CN2s4		PD2.S -		P011	X02CC-28	3	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	023	1P	1P
009	PACS DC Supply Gr 4 . VDDr4		PD2.S -		P011	X02CC-28	3	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	015	1P	1P
028	PACS DC Supply Gr 4 . VDrs4		PD2.S -		P011	X02CC-28	3	011-		TS6CC-28	HPSVMCB1	28	313100 P001	024	1P	1P
010	PACS DC Supply Gr 4 . LVL4		PD2.S -		P011	X02CC-28	3	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	006	1P	1P
029	PACS DC Supply Gr 4 . LVLs4		PD2.S -		P011	X02CC-28	3	011-2		TS6CC-28	HPSVMCB1	28	313100 P001	007	1P	1P
021	PACS DC Supply Gr 4 . SH011		PD2.S -		P011	X02CC-28	3	011-2		CS-011-3	HPSVMCB1	28	313100 P001	001	1P	1P
-																
011	PACS DC Supply Gr 4 . WELL4		PD2.S -		P011	X02CC-28	4	011-4		TS4CC-28	HPSVMCB1	28	313100 P001	004	1P	1P
030	PACS DC Supply Gr 4 . WELs4		PD2.S -		P011	X02CC-28	4	011-4		TS4CC-28	HPSVMCB1	28	313100 P001	005	1P	1P
012	PACS DC Supply Gr 4 . SUB4		PD2.S -		P011	X02CC-28	4	011-4		TS4CC-28	HPSVMCB1	28	313100 P001	002	1P	1P
031	PACS DC Supply Gr 4 . SUBs4		PD2.S -		P011	X02CC-28	4	011-4		TS4CC-28	HPSVMCB1	28	313100 P001	003	1P	1P
021	PACS DC Supply Gr 4 . SH011		PD2.S -		P011	X02CC-28	4	011-4		CS-011-4	HPSVMCB1	28	313100 P001	001	1P	1P
-																
032	PACS Detec Bias Gr 4 . Zero4		PD3.S -		P012	TS6CC-28	5				HPSVMCB1	28	313100 P001	027	1P	1P
014	PACS Detec Bias Gr 4 . Zers4		PD3.S -		P012	TS6CC-28	5				HPSVMCB1	28	313100 P001	038		
033	PACS Detec Bias Gr 4 . Gnd4		PD3.S -		P012	TS6CC-28	5				HPSVMCB1	28	313100 P001	028		
015	PACS Detec Bias Gr 4 . GnSe4		PD3.S -		P012	TS6CC-28	5				HPSVMCB1	28	313100 P001	039		
034	PACS Detec Bias Gr 4 . R4		PD3.S -		P012	TS6CC-28	5				HPSVMCB1	28	313100 P001	029		

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 342 (of 464)

Connector: 132100 P062
 HPDECMEC

Function / Bundle: DEC1to FPU SIH-XP-04 (11,12)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
016	PACS Detec Bias Gr 4 . Rs4		PD3.S -		P012	TS6CC-28	5				HPSVMCB1	28	313100 P001	040	
013	PACS Detec Bias Gr 4 . SH012		PD3.S -		P012	TS6CC-28	5			CS-P012	HPSVMCB1	28	313100 P001	037	1P 1P
001	NC														
020	NC														
002	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 313200 P004
 HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
105	PACS S1-16 B 1 . REF16		PX1.S -		P601	X01CC-28	1	601b-1	1	TP2CC-28	HPBOLC	18	132300 P001	022	1P	1P
115	PACS S1-16 B 1 . S16		PX1.S -		P601	X01CC-28	1	601b-1	1	TP2CC-28	HPBOLC	18	132300 P001	004	1P	1P
106	PACS S1-16 B 1 . REF15		PX1.S -		P601	X01CC-28	1	601b-1	2	TP2CC-28	HPBOLC	18	132300 P001	023	1P	1P
107	PACS S1-16 B 1 . S15		PX1.S -		P601	X01CC-28	1	601b-1	2	TP2CC-28	HPBOLC	18	132300 P001	005	1P	1P
094	PACS S1-16 B 1 . S601b		PX1.S -		P601	X01CC-28	1	601b-1		CS-601b-1	HPBOLC	18	132300 P001	CH	1P	1P
-																
122	PACS S1-16 B 1 . REF14		PX1.S -		P601	X01CC-28	2	601b-2	3	TP3CC-28	HPBOLC	18	132300 P001	024	1P	1P
123	PACS S1-16 B 1 . S14		PX1.S -		P601	X01CC-28	2	601b-2	3	TP3CC-28	HPBOLC	18	132300 P001	006	1P	1P
116	PACS S1-16 B 1 . REF13		PX1.S -		P601	X01CC-28	2	601b-2	4	TP3CC-28	HPBOLC	18	132300 P001	025	1P	1P
117	PACS S1-16 B 1 . S13		PX1.S -		P601	X01CC-28	2	601b-2	4	TP3CC-28	HPBOLC	18	132300 P001	007	1P	1P
108	PACS S1-16 B 1 . REF12		PX1.S -		P601	X01CC-28	2	601b-2	5	TP3CC-28	HPBOLC	18	132300 P001	026	1P	1P
109	PACS S1-16 B 1 . S12		PX1.S -		P601	X01CC-28	2	601b-2	5	TP3CC-28	HPBOLC	18	132300 P001	008	1P	1P
094	PACS S1-16 B 1 . S601b		PX1.S -		P601	X01CC-28	2	601b-2		CS-601b-2	HPBOLC	18	132300 P001	CH	1P	1P
-																
124	PACS S1-16 B 1 . REF11		PX1.S -		P601	X01CC-28	3	601b-3	6	TP3CC-28	HPBOLC	18	132300 P001	027	1P	1P
125	PACS S1-16 B 1 . S11		PX1.S -		P601	X01CC-28	3	601b-3	6	TP3CC-28	HPBOLC	18	132300 P001	009	1P	1P
118	PACS S1-16 B 1 . REF10		PX1.S -		P601	X01CC-28	3	601b-3	7	TP3CC-28	HPBOLC	18	132300 P001	028	1P	1P
110	PACS S1-16 B 1 . S10		PX1.S -		P601	X01CC-28	3	601b-3	7	TP3CC-28	HPBOLC	18	132300 P001	010	1P	1P
119	PACS S1-16 B 1 . REF09		PX1.S -		P601	X01CC-28	3	601b-3	8	TP3CC-28	HPBOLC	18	132300 P001	029	1P	1P
126	PACS S1-16 B 1 . S09		PX1.S -		P601	X01CC-28	3	601b-3	8	TP3CC-28	HPBOLC	18	132300 P001	011	1P	1P
094	PACS S1-16 B 1 . S601b		PX1.S -		P601	X01CC-28	3	601b-3		CS-601b-3	HPBOLC	18	132300 P001	CH	1P	1P
-																
127	PACS S1-16 B 1 . REF08		PX1.S -		P601	X01CC-28	4	601c-1	9	TP3CC-28	HPBOLC	18	132300 P001	030	1P	1P
120	PACS S1-16 B 1 . S08		PX1.S -		P601	X01CC-28	4	601c-1	9	TP3CC-28	HPBOLC	18	132300 P001	012	1P	1P
128	PACS S1-16 B 1 . REF07		PX1.S -		P601	X01CC-28	4	601c-1	A	TP3CC-28	HPBOLC	18	132300 P001	031	1P	1P
121	PACS S1-16 B 1 . S07		PX1.S -		P601	X01CC-28	4	601c-1	A	TP3CC-28	HPBOLC	18	132300 P001	013	1P	1P
112	PACS S1-16 B 1 . REF06		PX1.S -		P601	X01CC-28	4	601c-1	B	TP3CC-28	HPBOLC	18	132300 P001	032	1P	1P
102	PACS S1-16 B 1 . S06		PX1.S -		P601	X01CC-28	4	601c-1	B	TP3CC-28	HPBOLC	18	132300 P001	014	1P	1P
111	PACS S1-16 B 1 . S601c		PX1.S -		P601	X01CC-28	4	601c-1		CS-601c-1	HPBOLC	18	132300 P001	CH	1P	1P
-																
113	PACS S1-16 B 1 . REF05		PX1.S -		P601	X01CC-28	5	601c-2	C	TP3CC-28	HPBOLC	18	132300 P001	033	1P	1P
103	PACS S1-16 B 1 . S05		PX1.S -		P601	X01CC-28	5	601c-2	C	TP3CC-28	HPBOLC	18	132300 P001	015	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P004
 HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1	2
091	PACS S1-16 B 1 . REF04		PX1.S -		P601	X01CC-28	5	601c-2	D	TP3CC-28	HPBOLC	18	132300 P001	034	1P	1P
080	PACS S1-16 B 1 . S04		PX1.S -		P601	X01CC-28	5	601c-2	D	TP3CC-28	HPBOLC	18	132300 P001	016	1P	1P
114	PACS S1-16 B 1 . REF03		PX1.S -		P601	X01CC-28	5	601c-2	E	TP3CC-28	HPBOLC	18	132300 P001	035	1P	1P
104	PACS S1-16 B 1 . S03		PX1.S -		P601	X01CC-28	5	601c-2	E	TP3CC-28	HPBOLC	18	132300 P001	017	1P	1P
111	PACS S1-16 B 1 . S601c		PX1.S -		P601	X01CC-28	5	601c-2		CS-601c-2	HPBOLC	18	132300 P001	CH	1P	1P
-																
092	PACS S1-16 B 1 . REF02		PX1.S -		P601	X01CC-28	6	601c-3	F	TP2CC-28	HPBOLC	18	132300 P001	036	1P	1P
093	PACS S1-16 B 1 . S02		PX1.S -		P601	X01CC-28	6	601c-3	F	TP2CC-28	HPBOLC	18	132300 P001	018	1P	1P
069	PACS S1-16 B 1 . REF01		PX1.S -		P601	X01CC-28	6	601c-3	G	TP2CC-28	HPBOLC	18	132300 P001	037	1P	1P
081	PACS S1-16 B 1 . S01		PX1.S -		P601	X01CC-28	6	601c-3	G	TP2CC-28	HPBOLC	18	132300 P001	019	1P	1P
111	PACS S1-16 B 1 . S601c		PX1.S -		P601	X01CC-28	6	601c-3		CS-601c-3	HPBOLC	18	132300 P001	CH	1P	1P
-																
026	PACS S17-32 B 1 . REF32		PX1.S -		P602	X01CC-28	7	602b-1	H	TP2CC-28	HPBOLC	18	132300 P002	022	1P	1P
015	PACS S17-32 B 1 . S32		PX1.S -		P602	X01CC-28	7	602b-1	H	TP2CC-28	HPBOLC	18	132300 P002	004	1P	1P
016	PACS S17-32 B 1 . REF31		PX1.S -		P602	X01CC-28	7	602b-1	I	TP2CC-28	HPBOLC	18	132300 P002	023	1P	1P
027	PACS S17-32 B 1 . S31		PX1.S -		P602	X01CC-28	7	602b-1	I	TP2CC-28	HPBOLC	18	132300 P002	005	1P	1P
025	PACS S17-32 B 1 . S602b		PX1.S -		P602	X01CC-28	7	602b-1		CS-602b-1	HPBOLC	18	132300 P002	CH	1P	1P
-																
008	PACS S17-32 B 1 . REF30		PX1.S -		P602	X01CC-28	8	602b-2	K	TP3CC-28	HPBOLC	18	132300 P002	024	1P	1P
001	PACS S17-32 B 1 . S30		PX1.S -		P602	X01CC-28	8	602b-2	K	TP3CC-28	HPBOLC	18	132300 P002	006	1P	1P
028	PACS S17-32 B 1 . REF29		PX1.S -		P602	X01CC-28	8	602b-2	L	TP3CC-28	HPBOLC	18	132300 P002	025	1P	1P
017	PACS S17-32 B 1 . S29		PX1.S -		P602	X01CC-28	8	602b-2	L	TP3CC-28	HPBOLC	18	132300 P002	007	1P	1P
009	PACS S17-32 B 1 . REF28		PX1.S -		P602	X01CC-28	8	602b-2	M	TP3CC-28	HPBOLC	18	132300 P002	026	1P	1P
002	PACS S17-32 B 1 . S28		PX1.S -		P602	X01CC-28	8	602b-2	M	TP3CC-28	HPBOLC	18	132300 P002	008	1P	1P
025	PACS S17-32 B 1 . S602b		PX1.S -		P602	X01CC-28	8	602b-2		CS-602b-2	HPBOLC	18	132300 P002	CH	1P	1P
-																
018	PACS S17-32 B 1 . REF27		PX1.S -		P602	X01CC-28	9	602b-3	N	TP3CC-28	HPBOLC	18	132300 P002	027	1P	1P
010	PACS S17-32 B 1 . S27		PX1.S -		P602	X01CC-28	9	602b-3	N	TP3CC-28	HPBOLC	18	132300 P002	009	1P	1P
003	PACS S17-32 B 1 . REF26		PX1.S -		P602	X01CC-28	9	602b-3	P	TP3CC-28	HPBOLC	18	132300 P002	028	1P	1P
004	PACS S17-32 B 1 . S26		PX1.S -		P602	X01CC-28	9	602b-3	P	TP3CC-28	HPBOLC	18	132300 P002	010	1P	1P
011	PACS S17-32 B 1 . REF25		PX1.S -		P602	X01CC-28	9	602b-3	Q	TP3CC-28	HPBOLC	18	132300 P002	029	1P	1P
019	PACS S17-32 B 1 . S25		PX1.S -		P602	X01CC-28	9	602b-3	Q	TP3CC-28	HPBOLC	18	132300 P002	011	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P004
 HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
025	PACS S17-32 B 1 . S602b		PX1.S -		P602	X01CC-28	9	602b-3		CS-602b-3	HPBOLC	18	132300 P002	CH	1P	1P
-																
006	PACS S17-32 B 1 . REF24		PX1.S -		P602	X01CC-28	10	602c-1	R	TP3CC-28	HPBOLC	18	132300 P002	030	1P	1P
005	PACS S17-32 B 1 . S24		PX1.S -		P602	X01CC-28	10	602c-1	R	TP3CC-28	HPBOLC	18	132300 P002	012	1P	1P
013	PACS S17-32 B 1 . REF23		PX1.S -		P602	X01CC-28	10	602c-1	S	TP3CC-28	HPBOLC	18	132300 P002	031	1P	1P
007	PACS S17-32 B 1 . S23		PX1.S -		P602	X01CC-28	10	602c-1	S	TP3CC-28	HPBOLC	18	132300 P002	013	1P	1P
014	PACS S17-32 B 1 . REF22		PX1.S -		P602	X01CC-28	10	602c-1	T	TP3CC-28	HPBOLC	18	132300 P002	032	1P	1P
023	PACS S17-32 B 1 . S22		PX1.S -		P602	X01CC-28	10	602c-1	T	TP3CC-28	HPBOLC	18	132300 P002	014	1P	1P
012	PACS S17-32 B 1 . S602c		PX1.S -		P602	X01CC-28	10	602c-1		CS-602c-1	HPBOLC	18	132300 P002	CH	1P	1P
-																
022	PACS S17-32 B 1 . REF21		PX1.S -		P602	X01CC-28	11	602c-2	U	TP3CC-28	HPBOLC	18	132300 P002	033	1P	1P
033	PACS S17-32 B 1 . S21		PX1.S -		P602	X01CC-28	11	602c-2	U	TP3CC-28	HPBOLC	18	132300 P002	015	1P	1P
034	PACS S17-32 B 1 . REF20		PX1.S -		P602	X01CC-28	11	602c-2	V	TP3CC-28	HPBOLC	18	132300 P002	034	1P	1P
024	PACS S17-32 B 1 . S20		PX1.S -		P602	X01CC-28	11	602c-2	V	TP3CC-28	HPBOLC	18	132300 P002	016	1P	1P
045	PACS S17-32 B 1 . REF19		PX1.S -		P602	X01CC-28	11	602c-2	W	TP3CC-28	HPBOLC	18	132300 P002	035	1P	1P
046	PACS S17-32 B 1 . S19		PX1.S -		P602	X01CC-28	11	602c-2	W	TP3CC-28	HPBOLC	18	132300 P002	017	1P	1P
012	PACS S17-32 B 1 . S602c		PX1.S -		P602	X01CC-28	11	602c-2		CS-602c-2	HPBOLC	18	132300 P002	CH	1P	1P
-																
035	PACS S17-32 B 1 . REF18		PX1.S -		P602	X01CC-28	12	602c-3	X	TP2CC-28	HPBOLC	18	132300 P002	036	1P	1P
047	PACS S17-32 B 1 . S18		PX1.S -		P602	X01CC-28	12	602c-3	X	TP2CC-28	HPBOLC	18	132300 P002	018	1P	1P
058	PACS S17-32 B 1 . REF17		PX1.S -		P602	X01CC-28	12	602c-3	Y	TP2CC-28	HPBOLC	18	132300 P002	037	1P	1P
057	PACS S17-32 B 1 . S17		PX1.S -		P602	X01CC-28	12	602c-3	Y	TP2CC-28	HPBOLC	18	132300 P002	019	1P	1P
012	PACS S17-32 B 1 . S602c		PX1.S -		P602	X01CC-28	12	602c-3		CS-602c-3	HPBOLC	18	132300 P002	CH	1P	1P
-																
096	PACS FLCLK B 1 . VGDEC		PX6.S -		P605	X05CC-28	13	605-2		TS3CC-28	HPBOLC	18	132300 P003	001	1P	1P
084	PACS FLCLK B 1 . VSEL		PX6.S -		P605	X05CC-28	13	605-2		TS3CC-28	HPBOLC	18	132300 P003	020	1P	1P
097	PACS FLCLK B 1 . VGSEL		PX6.S -		P605	X05CC-28	13	605-2		TS3CC-28	HPBOLC	18	132300 P003	002	1P	1P
072	PACS FLCLK B 1 . SH605		PX6.S -		P605	X05CC-28	13	605-2		CS-605-2	HPBOLC	18	132300 P003	CH	1P	1P
-																
085	PACS FLCLK B 1 . AD6		PX6.S -		P605	X05CC-28	14	605-1		TS7CC-28	HPBOLC	18	132300 P003	021	1P	1P
098	PACS FLCLK B 1 . AD5		PX6.S -		P605	X05CC-28	14	605-1		TS7CC-28	HPBOLC	18	132300 P003	003	1P	1P
086	PACS FLCLK B 1 . AD4		PX6.S -		P605	X05CC-28	14	605-1		TS7CC-28	HPBOLC	18	132300 P003	022	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P004
 HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.												
099	PACS FLCLK B 1 . AD3		PX6.S -		P605	X05CC-28	14	605-1		TS7CC-28	HPBOLC	18	132300 P003	004	1P	1P
087	PACS FLCLK B 1 . AD2		PX6.S -		P605	X05CC-28	14	605-1		TS7CC-28	HPBOLC	18	132300 P003	023	1P	1P
100	PACS FLCLK B 1 . AD1		PX6.S -		P605	X05CC-28	14	605-1		TS7CC-28	HPBOLC	18	132300 P003	005	1P	1P
088	PACS FLCLK B 1 . AD0		PX6.S -		P605	X05CC-28	14	605-1		TS7CC-28	HPBOLC	18	132300 P003	024	1P	1P
072	PACS FLCLK B 1 . SH605		PX6.S -		P605	X05CC-28	14	605-1		CS-605-1	HPBOLC	18	132300 P003	CH	1P	1P
-			-													
040	PACS LLCIk B 1 . VSMS		PX4.S -		P604	TS3CC-28	15				HPBOLC	18	132300 P003	006	1P	1P
051	PACS LLCIk B 1 . CKRI		PX4.S -		P604	TS3CC-28	15				HPBOLC	18	132300 P003	025		
052	PACS LLCIk B 1 . VDECX		PX4.S -		P604	TS3CC-28	15				HPBOLC	18	132300 P003	007		
050	PACS LLCIk B 1 . SH604		PX4.S -		P604	TS3CC-28	15			CS-P604	HPBOLC	18	132300 P003	CH	1P	1P
-																
068	PACS Fil Bias B 1 . VHB		PX2.S -		P603	X03CC-28	16	603-3		TS7CC-28	HPBOLC	18	132300 P003	026	1P	1P
079	PACS Fil Bias B 1 . VTRIL		PX2.S -		P603	X03CC-28	16	603-3		TS7CC-28	HPBOLC	18	132300 P003	008	1P	1P
056	PACS Fil Bias B 1 . GNDCL		PX2.S -		P603	X03CC-28	16	603-3		TS7CC-28	HPBOLC	18	132300 P003	027	1P	1P
067	PACS Fil Bias B 1 . VDPRO		PX2.S -		P603	X03CC-28	16	603-3		TS7CC-28	HPBOLC	18	132300 P003	009	1P	1P
090	PACS Fil Bias B 1 . VH		PX2.S -		P603	X03CC-28	16	603-3		TS7CC-28	HPBOLC	18	132300 P003	028	1P	1P
078	PACS Fil Bias B 1 . VL		PX2.S -		P603	X03CC-28	16	603-3		TS7CC-28	HPBOLC	18	132300 P003	010	1P	1P
101	PACS Fil Bias B 1 . VRL		PX2.S -		P603	X03CC-28	16	603-3		TS7CC-28	HPBOLC	18	132300 P003	029	1P	1P
064	PACS Fil Bias B 1 . SH603		PX2.S -		P603	X03CC-28	16	603-3		CS-603-3	HPBOLC	18	132300 P003	CH	1P	1P
-																
089	PACS Fil Bias B 1 . VCH		PX2.S -		P603	X03CC-28	17	603-2		TS6CC-28	HPBOLC	18	132300 P003	011	1P	1P
055	PACS Fil Bias B 1 . VSS		PX2.S -		P603	X03CC-28	17	603-2		TS6CC-28	HPBOLC	18	132300 P003	030	1P	1P
044	PACS Fil Bias B 1 . VDL		PX2.S -		P603	X03CC-28	17	603-2		TS6CC-28	HPBOLC	18	132300 P003	012	1P	1P
043	PACS Fil Bias B 1 . VINJ		PX2.S -		P603	X03CC-28	17	603-2		TS6CC-28	HPBOLC	18	132300 P003	031	1P	1P
032	PACS Fil Bias B 1 . VGL		PX2.S -		P603	X03CC-28	17	603-2		TS6CC-28	HPBOLC	18	132300 P003	013	1P	1P
066	PACS Fil Bias B 1 . VDD		PX2.S -		P603	X03CC-28	17	603-2		TS6CC-28	HPBOLC	18	132300 P003	032	1P	1P
064	PACS Fil Bias B 1 . SH603		PX2.S -		P603	X03CC-28	17	603-2		CS-603-2	HPBOLC	18	132300 P003	CH	1P	1P
-																
077	PACS Fil Bias B 1 . GNDBU		PX2.S -		P603	X03CC-28	18	603-1		TS6CC-28	HPBOLC	18	132300 P003	033	1P	1P
065	PACS Fil Bias B 1 . VPRBU		PX2.S -		P603	X03CC-28	18	603-1		TS6CC-28	HPBOLC	18	132300 P003	034	1P	1P
054	PACS Fil Bias B 1 . VGLBU		PX2.S -		P603	X03CC-28	18	603-1		TS6CC-28	HPBOLC	18	132300 P003	016	1P	1P
042	PACS Fil Bias B 1 . VGG		PX2.S -		P603	X03CC-28	18	603-1		TS6CC-28	HPBOLC	18	132300 P003	035	1P	1P
077	PACS Fil Bias B 1 . VSSBU		PX2.S -		P603	X03CC-28	18	603-1		TS6CC-28	HPBOLC	18	132300 P003	014	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 347 (of 464)

Connector: 313200 P004
 HPSVMCB2

Function / Bundle: SIH-XP-05 (601b/c;602b/c;603/b;604-605)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
054	PACS Fil Bias B 1 . VDLBU		PX2.S -		P603	X03CC-28	18	603-1		TS6CC-28	HPBOLC	18	132300 P003	015	1P 1P
064	PACS Fil Bias B 1 . SH603		PX2.S -		P603	X03CC-28	18	603-1		CS-603-1	HPBOLC	18	132300 P003	CH	1P 1P
-															
030	Daisy chain to pin 064									daisy chain pin 030 & pin 064					1P
-															1P
CH	Overall Shield									Overall Shieldd con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 348 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132300 P001
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-05 (601b;601c)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S1-16 B 1 . REF16		PX1.S -		P601	X01CC-28	1	601b-1	1	TP2CC-28	HPSVMCB2	22	313200 P004	105	1P	1P
004	PACS S1-16 B 1 . S16		PX1.S -		P601	X01CC-28	1	601b-1	1	TP2CC-28	HPSVMCB2	22	313200 P004	115	1P	1P
023	PACS S1-16 B 1 . REF15		PX1.S -		P601	X01CC-28	1	601b-1	2	TP2CC-28	HPSVMCB2	22	313200 P004	106	1P	1P
005	PACS S1-16 B 1 . S15		PX1.S -		P601	X01CC-28	1	601b-1	2	TP2CC-28	HPSVMCB2	22	313200 P004	107	1P	1P
CH	PACS S1-16 B 1 . S601b		PX1.S -		P601	X01CC-28	1	601b-1		CS-601b-1	HPSVMCB2	22	313200 P004	094	1P	1P
-																
024	PACS S1-16 B 1 . REF14		PX1.S -		P601	X01CC-28	2	601b-2	3	TP3CC-28	HPSVMCB2	22	313200 P004	122	1P	1P
006	PACS S1-16 B 1 . S14		PX1.S -		P601	X01CC-28	2	601b-2	3	TP3CC-28	HPSVMCB2	22	313200 P004	123	1P	1P
025	PACS S1-16 B 1 . REF13		PX1.S -		P601	X01CC-28	2	601b-2	4	TP3CC-28	HPSVMCB2	22	313200 P004	116	1P	1P
007	PACS S1-16 B 1 . S13		PX1.S -		P601	X01CC-28	2	601b-2	4	TP3CC-28	HPSVMCB2	22	313200 P004	117	1P	1P
026	PACS S1-16 B 1 . REF12		PX1.S -		P601	X01CC-28	2	601b-2	5	TP3CC-28	HPSVMCB2	22	313200 P004	108	1P	1P
008	PACS S1-16 B 1 . S12		PX1.S -		P601	X01CC-28	2	601b-2	5	TP3CC-28	HPSVMCB2	22	313200 P004	109	1P	1P
CH	PACS S1-16 B 1 . S601b		PX1.S -		P601	X01CC-28	2	601b-2		CS-601b-2	HPSVMCB2	22	313200 P004	094	1P	1P
-																
027	PACS S1-16 B 1 . REF11		PX1.S -		P601	X01CC-28	3	601b-3	6	TP3CC-28	HPSVMCB2	22	313200 P004	124	1P	1P
009	PACS S1-16 B 1 . S11		PX1.S -		P601	X01CC-28	3	601b-3	6	TP3CC-28	HPSVMCB2	22	313200 P004	125	1P	1P
028	PACS S1-16 B 1 . REF10		PX1.S -		P601	X01CC-28	3	601b-3	7	TP3CC-28	HPSVMCB2	22	313200 P004	118	1P	1P
010	PACS S1-16 B 1 . S10		PX1.S -		P601	X01CC-28	3	601b-3	7	TP3CC-28	HPSVMCB2	22	313200 P004	110	1P	1P
029	PACS S1-16 B 1 . REF09		PX1.S -		P601	X01CC-28	3	601b-3	8	TP3CC-28	HPSVMCB2	22	313200 P004	119	1P	1P
011	PACS S1-16 B 1 . S09		PX1.S -		P601	X01CC-28	3	601b-3	8	TP3CC-28	HPSVMCB2	22	313200 P004	126	1P	1P
CH	PACS S1-16 B 1 . S601b		PX1.S -		P601	X01CC-28	3	601b-3		CS-601b-3	HPSVMCB2	22	313200 P004	094	1P	1P
-																
030	PACS S1-16 B 1 . REF08		PX1.S -		P601	X01CC-28	4	601c-1	9	TP3CC-28	HPSVMCB2	22	313200 P004	127	1P	1P
012	PACS S1-16 B 1 . S08		PX1.S -		P601	X01CC-28	4	601c-1	9	TP3CC-28	HPSVMCB2	22	313200 P004	120	1P	1P
031	PACS S1-16 B 1 . REF07		PX1.S -		P601	X01CC-28	4	601c-1	A	1TP3CC-28	HPSVMCB2	22	313200 P004	128	1P	1P
013	PACS S1-16 B 1 . S07		PX1.S -		P601	X01CC-28	4	601c-1	A	TP3CC-28	HPSVMCB2	22	313200 P004	121	1P	1P
032	PACS S1-16 B 1 . REF06		PX1.S -		P601	X01CC-28	4	601c-1	B	TP3CC-28	HPSVMCB2	22	313200 P004	112	1P	1P
014	PACS S1-16 B 1 . S06		PX1.S -		P601	X01CC-28	4	601c-1	B	TP3CC-28	HPSVMCB2	22	313200 P004	102	1P	1P
CH	PACS S1-16 B 1 . S601c		PX1.S -		P601	X01CC-28	4	601c-1		CS- 601c-1	HPSVMCB2	22	313200 P004	111	1P	1P
-																
033	PACS S1-16 B 1 . REF05		PX1.S -		P601	X01CC-28	5	601c-2	C	TP3CC-28	HPSVMCB2	22	313200 P004	113	1P	1P
015	PACS S1-16 B 1 . S05		PX1.S -		P601	X01CC-28	5	601c-2	C	TP3CC-28	HPSVMCB2	22	313200 P004	103	1P	1P

Pin Allocation List (Harness)

Connector: 132300 P001
 HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-05 (601b;601c)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S1-16 B 1 . REF04		PX1.S -		P601	X01CC-28	5	601c-2	D	TP3CC-28	HPSVMCB2	22	313200 P004	091	1P	1P
016	PACS S1-16 B 1 . S04		PX1.S -		P601	X01CC-28	5	601c-2	D	TP3CC-28	HPSVMCB2	22	313200 P004	080	1P	1P
035	PACS S1-16 B 1 . REF03		PX1.S -		P601	X01CC-28	5	601c-2	E	TP3CC-28	HPSVMCB2	22	313200 P004	114	1P	1P
017	PACS S1-16 B 1 . S03		PX1.S -		P601	X01CC-28	5	601c-2	E	TP3CC-28	HPSVMCB2	22	313200 P004	104	1P	1P
CH	PACS S1-16 B 1 . S601c		PX1.S -		P601	X01CC-28	5	601c-2		CS-601c-2	HPSVMCB2	22	313200 P004	111	1P	1P
-																
036	PACS S1-16 B 1 . REF02		PX1.S -		P601	X01CC-28	6	601c-3	F	TP2CC-28	HPSVMCB2	22	313200 P004	092	1P	1P
018	PACS S1-16 B 1 . S02		PX1.S -		P601	X01CC-28	6	601c-3	F	TP2CC-28	HPSVMCB2	22	313200 P004	093	1P	1P
037	PACS S1-16 B 1 . REF01		PX1.S -		P601	X01CC-28	6	601c-3	G	TP2CC-28	HPSVMCB2	22	313200 P004	069	1P	1P
019	PACS S1-16 B 1 . S01		PX1.S -		P601	X01CC-28	6	601c-3	G	TP2CC-28	HPSVMCB2	22	313200 P004	081	1P	1P
CH	PACS S1-16 B 1 . S601c		PX1.S -		P601	X01CC-28	6	601c-3		CS-601c-3	HPSVMCB2	22	313200 P004	111	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132300 P002
HPBOLC

Function / Bundle: BOLCto FPUSIH-XP-05 (602b;602c)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S17-32 B 1 . REF32		PX1.S -		P602	X01CC-28	1	602b-1	1	TP2CC-28	HPSVMCB2	22	313200 P004	026	1P	1P
004	PACS S17-32 B 1 . S32		PX1.S -		P602	X01CC-28	1	602b-1	1	TP2CC-28	HPSVMCB2	22	313200 P004	015	1P	1P
023	PACS S17-32 B 1 . REF31		PX1.S -		P602	X01CC-28	1	602b-1	2	TP2CC-28	HPSVMCB2	22	313200 P004	016	1P	1P
005	PACS S17-32 B 1 . S31		PX1.S -		P602	X01CC-28	1	602b-1	2	TP2CC-28	HPSVMCB2	22	313200 P004	027	1P	1P
CH	PACS S17-32 B 1 . S602b		PX1.S -		P602	X01CC-28	1	602b-1		CS-602b-1	HPSVMCB2	22	313200 P004	025	1P	1P
-																
024	PACS S17-32 B 1 . REF30		PX1.S -		P602	X01CC-28	2	602b-2	3	TP3CC-28	HPSVMCB2	22	313200 P004	008	1P	1P
006	PACS S17-32 B 1 . S30		PX1.S -		P602	X01CC-28	2	602b-2	3	TP3CC-28	HPSVMCB2	22	313200 P004	001	1P	1P
025	PACS S17-32 B 1 . REF29		PX1.S -		P602	X01CC-28	2	602b-2	4	TP3CC-28	HPSVMCB2	22	313200 P004	028	1P	1P
007	PACS S17-32 B 1 . S29		PX1.S -		P602	X01CC-28	2	602b-2	4	TP3CC-28	HPSVMCB2	22	313200 P004	017	1P	1P
026	PACS S17-32 B 1 . REF28		PX1.S -		P602	X01CC-28	2	602b-2	5	TP3CC-28	HPSVMCB2	22	313200 P004	009	1P	1P
008	PACS S17-32 B 1 . S28		PX1.S -		P602	X01CC-28	2	602b-2	5	TP3CC-28	HPSVMCB2	22	313200 P004	002	1P	1P
CH	PACS S17-32 B 1 . S602b		PX1.S -		P602	X01CC-28	2	602b-2		CS-602b-2	HPSVMCB2	22	313200 P004	025	1P	1P
-																
027	PACS S17-32 B 1 . REF27		PX1.S -		P602	X01CC-28	3	602b-3	5	TP3CC-28	HPSVMCB2	22	313200 P004	018	1P	1P
009	PACS S17-32 B 1 . S27		PX1.S -		P602	X01CC-28	3	602b-3	5	TP3CC-28	HPSVMCB2	22	313200 P004	010	1P	1P
028	PACS S17-32 B 1 . REF26		PX1.S -		P602	X01CC-28	3	602b-3	6	TP3CC-28	HPSVMCB2	22	313200 P004	003	1P	1P
010	PACS S17-32 B 1 . S26		PX1.S -		P602	X01CC-28	3	602b-3	6	TP3CC-28	HPSVMCB2	22	313200 P004	004	1P	1P
029	PACS S17-32 B 1 . REF25		PX1.S -		P602	X01CC-28	3	602b-3	7	TP3CC-28	HPSVMCB2	22	313200 P004	011	1P	1P
011	PACS S17-32 B 1 . S25		PX1.S -		P602	X01CC-28	3	602b-3	7	TP3CC-28	HPSVMCB2	22	313200 P004	019	1P	1P
CH	PACS S17-32 B 1 . S602b		PX1.S -		P602	X01CC-28	3	602b-3		CS-602b-3	HPSVMCB2	22	313200 P004	025	1P	1P
-																
030	PACS S17-32 B 1 . REF24		PX1.S -		P602	X01CC-28	4	602c-1	8	TP3CC-28	HPSVMCB2	22	313200 P004	006	1P	1P
012	PACS S17-32 B 1 . S24		PX1.S -		P602	X01CC-28	4	602c-1	8	TP3CC-28	HPSVMCB2	22	313200 P004	005	1P	1P
031	PACS S17-32 B 1 . REF23		PX1.S -		P602	X01CC-28	4	602c-1	9	TP3CC-28	HPSVMCB2	22	313200 P004	013	1P	1P
013	PACS S17-32 B 1 . S23		PX1.S -		P602	X01CC-28	4	602c-1	9	TP3CC-28	HPSVMCB2	22	313200 P004	007	1P	1P
032	PACS S17-32 B 1 . REF22		PX1.S -		P602	X01CC-28	4	602c-1	A	TP3CC-28	HPSVMCB2	22	313200 P004	014	1P	1P
014	PACS S17-32 B 1 . S22		PX1.S -		P602	X01CC-28	4	602c-1	A	TP3CC-28	HPSVMCB2	22	313200 P004	023	1P	1P
CH	PACS S17-32 B 1 . S602c		PX1.S -		P602	X01CC-28	4	602c-1		CS-602c-1	HPSVMCB2	22	313200 P004	012	1P	1P
-																
033	PACS S17-32 B 1 . REF21		PX1.S -		P602	X01CC-28	5	602c-2	B	TP3CC-28	HPSVMCB2	22	313200 P004	022	1P	1P
015	PACS S17-32 B 1 . S21		PX1.S -		P602	X01CC-28	5	602c-2	B	TP3CC-28	HPSVMCB2	22	313200 P004	033	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P002
HPBOLC

Function / Bundle: BOLCto FPUSIH-XP-05 (602b;602c)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S17-32 B 1 . REF20		PX1.S -		P602	X01CC-28	5	602c-2	C	TP3CC-28	HPSVMCB2	22	313200 P004	034	1P	1P
016	PACS S17-32 B 1 . S20		PX1.S -		P602	X01CC-28	5	602c-2	C	TP3CC-28	HPSVMCB2	22	313200 P004	024	1P	1P
035	PACS S17-32 B 1 . REF19		PX1.S -		P602	X01CC-28	5	602c-2	D	TP3CC-28	HPSVMCB2	22	313200 P004	045	1P	1P
017	PACS S17-32 B 1 . S19		PX1.S -		P602	X01CC-28	5	602c-2	D	TP3CC-28	HPSVMCB2	22	313200 P004	046	1P	1P
CH	PACS S17-32 B 1 . S602c		PX1.S -		P602	X01CC-28	5	602c-2		CS-602c-2	HPSVMCB2	22	313200 P004	012	1P	1P
-																
036	PACS S17-32 B 1 . REF18		PX1.S -		P602	X01CC-28	6	602c-3	E	TP2CC-28	HPSVMCB2	22	313200 P004	035	1P	1P
018	PACS S17-32 B 1 . S18		PX1.S -		P602	X01CC-28	6	602c-3	E	TP2CC-28	HPSVMCB2	22	313200 P004	047	1P	1P
037	PACS S17-32 B 1 . REF17		PX1.S -		P602	X01CC-28	6	602c-3	F	TP2CC-28	HPSVMCB2	22	313200 P004	058	1P	1P
019	PACS S17-32 B 1 . S17		PX1.S -		P602	X01CC-28	6	602c-3	F	TP2CC-28	HPSVMCB2	22	313200 P004	057	1P	1P
CH	PACS S17-32 B 1 . S602c		PX1.S -		P602	X01CC-28	6	602c-3		CS- 602c-3	HPSVMCB2	22	313200 P004	012	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132300 P003
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-05 (603..605)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FLCLK B 1 . VGDEC		PX6.S -		P605	X05CC-28	1	605-2		TS3CC-28	HPSVMCB2	22	313200 P004	096	1P	1P
020	PACS FLCLK B 1 . VSEL		PX6.S -		P605	X05CC-28	1	605-2		TS3CC-28	HPSVMCB2	22	313200 P004	084	1P	1P
002	PACS FLCLK B 1 . VGSEL		PX6.S -		P605	X05CC-28	1	605-2		TS3CC-28	HPSVMCB2	22	313200 P004	097	1P	1P
CH	PACS FLCLK B 1 . SH605		PX6.S -		P605	X05CC-28	1	605-2		CS- 605-2	HPSVMCB2	22	313200 P004	072	1P	1P
-																
021	PACS FLCLK B 1 . AD6		PX6.S -		P605	X05CC-28	2	605-1		TS7CC-28	HPSVMCB2	22	313200 P004	085	1P	1P
003	PACS FLCLK B 1 . AD5		PX6.S -		P605	X05CC-28	2	605-1		TS7CC-28	HPSVMCB2	22	313200 P004	098	1P	1P
022	PACS FLCLK B 1 . AD4		PX6.S -		P605	X05CC-28	2	605-1		TS7CC-28	HPSVMCB2	22	313200 P004	086	1P	1P
004	PACS FLCLK B 1 . AD3		PX6.S -		P605	X05CC-28	2	605-1		TS7CC-28	HPSVMCB2	22	313200 P004	099	1P	1P
023	PACS FLCLK B 1 . AD2		PX6.S -		P605	X05CC-28	2	605-1		TS7CC-28	HPSVMCB2	22	313200 P004	087	1P	1P
005	PACS FLCLK B 1 . AD1		PX6.S -		P605	X05CC-28	2	605-1		TS7CC-28	HPSVMCB2	22	313200 P004	100	1P	1P
024	PACS FLCLK B 1 . AD0		PX6.S -		P605	X05CC-28	2	605-1		TS7CC-28	HPSVMCB2	22	313200 P004	088	1P	1P
CH	PACS FLCLK B 1 . SH605		PX6.S -		P605	X05CC-28	2	605-1		CS-605-1	HPSVMCB2	22	313200 P004	072	1P	1P
-																
006	PACS LLCIk B 1 . VSMS		PX4.S -		P604	TS3CC-28	3				HPSVMCB2	22	313200 P004	040	1P	1P
025	PACS LLCIk B 1 . CKRI		PX4.S -		P604	TS3CC-28	3				HPSVMCB2	22	313200 P004	051		
007	PACS LLCIk B 1 . VDECX		PX4.S -		P604	TS3CC-28	3				HPSVMCB2	22	313200 P004	052		
CH	PACS LLCIk B 1 . SH604		PX4.S -		P604	TS3CC-28	3			CS-P604	HPSVMCB2	22	313200 P004	050	1P	1P
-																
026	PACS Fil Bias B 1 . VHB		PX2.S -		P603	X03CC-28	4	603-3		TS7CC-28	HPSVMCB2	22	313200 P004	068	1P	1P
008	PACS Fil Bias B 1 . VTRIL		PX2.S -		P603	X03CC-28	4	603-3		TS7CC-28	HPSVMCB2	22	313200 P004	079	1P	1P
027	PACS Fil Bias B 1 . GNDCL		PX2.S -		P603	X03CC-28	4	603-3		TS7CC-28	HPSVMCB2	22	313200 P004	056	1P	1P
009	PACS Fil Bias B 1 . VDPRO		PX2.S -		P603	X03CC-28	4	603-3		TS7CC-28	HPSVMCB2	22	313200 P004	067	1P	1P
028	PACS Fil Bias B 1 . VH		PX2.S -		P603	X03CC-28	4	603-3		TS7CC-28	HPSVMCB2	22	313200 P004	090	1P	1P
010	PACS Fil Bias B 1 . VL		PX2.S -		P603	X03CC-28	4	603-3		TS7CC-28	HPSVMCB2	22	313200 P004	078	1P	1P
029	PACS Fil Bias B 1 . VRL		PX2.S -		P603	X03CC-28	4	603-3		TS7CC-28	HPSVMCB2	22	313200 P004	101	1P	1P
CH	PACS Fil Bias B 1 . SH603		PX2.S -		P603	X03CC-28	4	603-3		CS-603-3	HPSVMCB2	22	313200 P004	064	1P	1P
-																
011	PACS Fil Bias B 1 . VCH		PX2.S -		P603	X03CC-28	5	603-2		TS6CC-28	HPSVMCB2	22	313200 P004	089	1P	1P
030	PACS Fil Bias B 1 . VSS		PX2.S -		P603	X03CC-28	5	603-2		TS6CC-28	HPSVMCB2	22	313200 P004	055	1P	1P
012	PACS Fil Bias B 1 . VDL		PX2.S -		P603	X03CC-28	5	603-2		TS6CC-28	HPSVMCB2	22	313200 P004	044	1P	1P
031	PACS Fil Bias B 1 . VINJ		PX2.S -		P603	X03CC-28	5	603-2		TS6CC-28	HPSVMCB2	22	313200 P004	043	1P	1P
013	PACS Fil Bias B 1 . VGL		PX2.S -		P603	X03CC-28	5	603-2		TS6CC-28	HPSVMCB2	22	313200 P004	032	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P003
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-05 (603..605)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
032	PACS Fil Bias B 1 . VDD		PX2.S -		P603	X03CC-28	5	603-2		TS6CC-28	HPSVMCB2	22	313200 P004	066	1P 1P
CH	PACS Fil Bias B 1 . SH603		PX2.S -		P603	X03CC-28	5	603-2		CS-603-2	HPSVMCB2	22	313200 P004	064	1P 1P
-															
014	PACS Fil Bias B 1 . VSSBU		PX2.S -		P603	X03CC-28	6	603-1		TS6CC-28	HPSVMCB2	22	313200 P004	077	1P 1P
033	PACS Fil Bias B 1 . GNDBU		PX2.S -		P603	X03CC-28	6	603-1		TS6CC-28	HPSVMCB2	22	313200 P004	077	1P 1P
015	PACS Fil Bias B 1 . VDLBU		PX2.S -		P603	X03CC-28	6	603-1		TS6CC-28	HPSVMCB2	22	313200 P004	054	1P 1P
034	PACS Fil Bias B 1 . VPRBU		PX2.S -		P603	X03CC-28	6	603-1		TS6CC-28	HPSVMCB2	22	313200 P004	065	1P 1P
016	PACS Fil Bias B 1 . VGLBU		PX2.S -		P603	X03CC-28	6	603-1		TS6CC-28	HPSVMCB2	22	313200 P004	054	1P 1P
035	PACS Fil Bias B 1 . VGG		PX2.S -		P603	X03CC-28	6	603-1		TS6CC-28	HPSVMCB2	22	313200 P004	042	1P 1P
CH	PACS Fil Bias B 1 . SH603		PX2.S -		P603	X03CC-28	6	603-1		CS-603-1	HPSVMCB2	22	313200 P004	064	1P 1P
017	NC		-												
036	NC		-												
018	NC		-												
037	NC		-												
019	NC		-												
CH	Overall Shield									Overall Shield con ton CH					1P

Pin Allocation List

(Harness)

Connector: 313200 P006
 HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
105	PACS S1-16 B 2 . REF16		PX1.S -		P606	X01CC-28	1	606b-1	1	TP2CC-28	HPBOLC	18	132300 P004	022	1P	1P
115	PACS S1-16 B 2 . S16		PX1.S -		P606	X01CC-28	1	606b-1	1	TP2CC-28	HPBOLC	18	132300 P004	004	1P	1P
106	PACS S1-16 B 2 . REF15		PX1.S -		P606	X01CC-28	1	606b-1	2	TP2CC-28	HPBOLC	18	132300 P004	023	1P	1P
107	PACS S1-16 B 2 . S15		PX1.S -		P606	X01CC-28	1	606b-1	2	TP2CC-28	HPBOLC	18	132300 P004	005	1P	1P
094	PACS S1-16 B 2 . S606b		PX1.S -		P606	X01CC-28	1	606b-1		CS-606b-1	HPBOLC	18	132300 P004	CH	1P	1P
-																
122	PACS S1-16 B 2 . REF14		PX1.S -		P606	X01CC-28	2	606b-2	3	TP3CC-28	HPBOLC	18	132300 P004	024	1P	1P
123	PACS S1-16 B 2 . S14		PX1.S -		P606	X01CC-28	2	606b-2	3	TP3CC-28	HPBOLC	18	132300 P004	006	1P	1P
116	PACS S1-16 B 2 . REF13		PX1.S -		P606	X01CC-28	2	606b-2	4	TP3CC-28	HPBOLC	18	132300 P004	025	1P	1P
117	PACS S1-16 B 2 . S13		PX1.S -		P606	X01CC-28	2	606b-2	4	TP3CC-28	HPBOLC	18	132300 P004	007	1P	1P
108	PACS S1-16 B 2 . REF12		PX1.S -		P606	X01CC-28	2	606b-2	5	TP3CC-28	HPBOLC	18	132300 P004	026	1P	1P
109	PACS S1-16 B 2 . S12		PX1.S -		P606	X01CC-28	2	606b-2	5	TP3CC-28	HPBOLC	18	132300 P004	008	1P	1P
094	PACS S1-16 B 2 . S606b		PX1.S -		P606	X01CC-28	2	606b-2		CS-606b-2	HPBOLC	18	132300 P004	CH	1P	1P
-																
124	PACS S1-16 B 2 . REF11		PX1.S -		P606	X01CC-28	3	606b-3	6	TP3CC-28	HPBOLC	18	132300 P004	027	1P	1P
125	PACS S1-16 B 2 . S11		PX1.S -		P606	X01CC-28	3	606b-3	6	TP3CC-28	HPBOLC	18	132300 P004	009	1P	1P
118	PACS S1-16 B 2 . REF10		PX1.S -		P606	X01CC-28	3	606b-3	7	TP3CC-28	HPBOLC	18	132300 P004	028	1P	1P
110	PACS S1-16 B 2 . S10		PX1.S -		P606	X01CC-28	3	606b-3	7	TP3CC-28	HPBOLC	18	132300 P004	010	1P	1P
119	PACS S1-16 B 2 . REF09		PX1.S -		P606	X01CC-28	3	606b-3	8	TP3CC-28	HPBOLC	18	132300 P004	029	1P	1P
126	PACS S1-16 B 2 . S09		PX1.S -		P606	X01CC-28	3	606b-3	8	TP3CC-28	HPBOLC	18	132300 P004	011	1P	1P
094	PACS S1-16 B 2 . S606b		PX1.S -		P606	X01CC-28	3	606b-3		CS-606b-3	HPBOLC	18	132300 P004	CH	1P	1P
-																
127	PACS S1-16 B 2 . REF08		PX1.S -		P606	X01CC-28	4	606c-1	9	TP3CC-28	HPBOLC	18	132300 P004	030	1P	1P
120	PACS S1-16 B 2 . S08		PX1.S -		P606	X01CC-28	4	606c-1	9	TP3CC-28	HPBOLC	18	132300 P004	012	1P	1P
128	PACS S1-16 B 2 . REF07		PX1.S -		P606	X01CC-28	4	606c-1	A	TP3CC-28	HPBOLC	18	132300 P004	031	1P	1P
121	PACS S1-16 B 2 . S07		PX1.S -		P606	X01CC-28	4	606c-1	A	TP3CC-28	HPBOLC	18	132300 P004	013	1P	1P
112	PACS S1-16 B 2 . REF06		PX1.S -		P606	X01CC-28	4	606c-1	B	TP3CC-28	HPBOLC	18	132300 P004	032	1P	1P
102	PACS S1-16 B 2 . S06		PX1.S -		P606	X01CC-28	4	606c-1	B	TP3CC-28	HPBOLC	18	132300 P004	014	1P	1P
111	PACS S1-16 B 2 . S606c		PX1.S -		P606	X01CC-28	4	606c-1		CS-606c-1	HPBOLC	18	132300 P004	CH	1P	1P
-																
113	PACS S1-16 B 2 . REF05		PX1.S -		P606	X01CC-28	5	606c-2	C	TP3CC-28	HPBOLC	18	132300 P004	033	1P	1P
103	PACS S1-16 B 2 . S05		PX1.S -		P606	X01CC-28	5	606c-2	C	TP3CC-28	HPBOLC	18	132300 P004	015	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P006
 HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1	2
091	PACS S1-16 B 2 . REF04		PX1.S -		P606	X01CC-28	5	606c-2	D	TP3CC-28	HPBOLC	18	132300 P004	034	1P	1P
080	PACS S1-16 B 2 . S04		PX1.S -		P606	X01CC-28	5	606c-2	D	TP3CC-28	HPBOLC	18	132300 P004	016	1P	1P
114	PACS S1-16 B 2 . REF03		PX1.S -		P606	X01CC-28	5	606c-2	E	TP3CC-28	HPBOLC	18	132300 P004	035	1P	1P
104	PACS S1-16 B 2 . S03		PX1.S -		P606	X01CC-28	5	606c-2	E	TP3CC-28	HPBOLC	18	132300 P004	017	1P	1P
111	PACS S1-16 B 2 . S606c		PX1.S -		P606	X01CC-28	5	606c-2		CS-606c-2	HPBOLC	18	132300 P004	CH	1P	1P
-																
092	PACS S1-16 B 2 . REF02		PX1.S -		P606	X01CC-28	6	606c-3	F	TP2CC-28	HPBOLC	18	132300 P004	036	1P	1P
093	PACS S1-16 B 2 . S02		PX1.S -		P606	X01CC-28	6	606c-3	F	TP2CC-28	HPBOLC	18	132300 P004	018	1P	1P
069	PACS S1-16 B 2 . REF01		PX1.S -		P606	X01CC-28	6	606c-3	G	TP2CC-28	HPBOLC	18	132300 P004	037	1P	1P
081	PACS S1-16 B 2 . S01		PX1.S -		P606	X01CC-28	6	606c-3	G	TP2CC-28	HPBOLC	18	132300 P004	019	1P	1P
111	PACS S1-16 B 2 . S606c		PX1.S -		P606	X01CC-28	6	606c-3		CS-606c-3	HPBOLC	18	132300 P004	CH	1P	1P
-																
026	PACS S17-32 B 2 . REF32		PX1.S -		P607	X01CC-28	7	607b-1	H	TP2CC-28	HPBOLC	18	132300 P005	022	1P	1P
015	PACS S17-32 B 2 . S32		PX1.S -		P607	X01CC-28	7	607b-1	H	TP2CC-28	HPBOLC	18	132300 P005	004	1P	1P
016	PACS S17-32 B 2 . REF31		PX1.S -		P607	X01CC-28	7	607b-1	I	TP2CC-28	HPBOLC	18	132300 P005	023	1P	1P
027	PACS S17-32 B 2 . S31		PX1.S -		P607	X01CC-28	7	607b-1	I	TP2CC-28	HPBOLC	18	132300 P005	005	1P	1P
025	PACS S17-32 B 2 . S607b		PX1.S -		P607	X01CC-28	7	607b-1		CS-607b-1	HPBOLC	18	132300 P005	CH	1P	1P
-																
008	PACS S17-32 B 2 . REF30		PX1.S -		P607	X01CC-28	8	607b-2	K	TP3CC-28	HPBOLC	18	132300 P005	024	1P	1P
001	PACS S17-32 B 2 . S30		PX1.S -		P607	X01CC-28	8	607b-2	K	TP3CC-28	HPBOLC	18	132300 P005	006	1P	1P
028	PACS S17-32 B 2 . REF29		PX1.S -		P607	X01CC-28	8	607b-2	L	TP3CC-28	HPBOLC	18	132300 P005	025	1P	1P
017	PACS S17-32 B 2 . S29		PX1.S -		P607	X01CC-28	8	607b-2	L	TP3CC-28	HPBOLC	18	132300 P005	007	1P	1P
009	PACS S17-32 B 2 . REF28		PX1.S -		P607	X01CC-28	8	607b-2	M	TP3CC-28	HPBOLC	18	132300 P005	026	1P	1P
002	PACS S17-32 B 2 . S28		PX1.S -		P607	X01CC-28	8	607b-2	M	TP3CC-28	HPBOLC	18	132300 P005	008	1P	1P
025	PACS S17-32 B 2 . S607b		PX1.S -		P607	X01CC-28	8	607b-2		CS-607b-2	HPBOLC	18	132300 P005	CH	1P	1P
-																
018	PACS S17-32 B 2 . REF27		PX1.S -		P607	X01CC-28	9	607b-3	N	TP3CC-28	HPBOLC	18	132300 P005	027	1P	1P
010	PACS S17-32 B 2 . S27		PX1.S -		P607	X01CC-28	9	607b-3	N	TP3CC-28	HPBOLC	18	132300 P005	009	1P	1P
003	PACS S17-32 B 2 . REF26		PX1.S -		P607	X01CC-28	9	607b-3	P	TP3CC-28	HPBOLC	18	132300 P005	028	1P	1P
004	PACS S17-32 B 2 . S26		PX1.S -		P607	X01CC-28	9	607b-3	P	TP3CC-28	HPBOLC	18	132300 P005	010	1P	1P
011	PACS S17-32 B 2 . REF25		PX1.S -		P607	X01CC-28	9	607b-3	Q	TP3CC-28	HPBOLC	18	132300 P005	029	1P	1P
019	PACS S17-32 B 2 . S25		PX1.S -		P607	X01CC-28	9	607b-3	Q	TP3CC-28	HPBOLC	18	132300 P005	011	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P006
 HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
025	PACS S17-32 B 2 . S607b		PX1.S -		P607	X01CC-28	9	607b-3		CS-607b-3	HPBOLC	18	132300 P005	CH	1P	1P
-																
006	PACS S17-32 B 2 . REF24		PX1.S -		P607	X01CC-28	10	607c-1	R	TP3CC-28	HPBOLC	18	132300 P005	030	1P	1P
005	PACS S17-32 B 2 . S24		PX1.S -		P607	X01CC-28	10	607c-1	R	TP3CC-28	HPBOLC	18	132300 P005	012	1P	1P
013	PACS S17-32 B 2 . REF23		PX1.S -		P607	X01CC-28	10	607c-1	S	TP3CC-28	HPBOLC	18	132300 P005	031	1P	1P
007	PACS S17-32 B 2 . S23		PX1.S -		P607	X01CC-28	10	607c-1	S	TP3CC-28	HPBOLC	18	132300 P005	013	1P	1P
014	PACS S17-32 B 2 . REF22		PX1.S -		P607	X01CC-28	10	607c-1	T	TP3CC-28	HPBOLC	18	132300 P005	032	1P	1P
023	PACS S17-32 B 2 . S22		PX1.S -		P607	X01CC-28	10	607c-1	T	TP3CC-28	HPBOLC	18	132300 P005	014	1P	1P
012	PACS S17-32 B 2 . S607c		PX1.S -		P607	X01CC-28	10	607c-1		CS-607c-1	HPBOLC	18	132300 P005	CH	1P	1P
-																
022	PACS S17-32 B 2 . REF21		PX1.S -		P607	X01CC-28	11	607c-2	U	TP3CC-28	HPBOLC	18	132300 P005	033	1P	1P
033	PACS S17-32 B 2 . S21		PX1.S -		P607	X01CC-28	11	607c-2	U	TP3CC-28	HPBOLC	18	132300 P005	015	1P	1P
034	PACS S17-32 B 2 . REF20		PX1.S -		P607	X01CC-28	11	607c-2	V	TP3CC-28	HPBOLC	18	132300 P005	034	1P	1P
024	PACS S17-32 B 2 . S20		PX1.S -		P607	X01CC-28	11	607c-2	V	TP3CC-28	HPBOLC	18	132300 P005	016	1P	1P
045	PACS S17-32 B 2 . REF19		PX1.S -		P607	X01CC-28	11	607c-2	W	TP3CC-28	HPBOLC	18	132300 P005	035	1P	1P
046	PACS S17-32 B 2 . S19		PX1.S -		P607	X01CC-28	11	607c-2	W	TP3CC-28	HPBOLC	18	132300 P005	017	1P	1P
012	PACS S17-32 B 2 . S607c		PX1.S -		P607	X01CC-28	11	607c-2		CS-607c-2	HPBOLC	18	132300 P005	CH	1P	1P
-																
035	PACS S17-32 B 2 . REF18		PX1.S -		P607	X01CC-28	12	607c-3	X	TP2CC-28	HPBOLC	18	132300 P005	036	1P	1P
047	PACS S17-32 B 2 . S18		PX1.S -		P607	X01CC-28	12	607c-3	X	TP2CC-28	HPBOLC	18	132300 P005	018	1P	1P
058	PACS S17-32 B 2 . REF17		PX1.S -		P607	X01CC-28	12	607c-3	Y	TP2CC-28	HPBOLC	18	132300 P005	037	1P	1P
057	PACS S17-32 B 2 . S17		PX1.S -		P607	X01CC-28	12	607c-3	Y	TP2CC-28	HPBOLC	18	132300 P005	019	1P	1P
012	PACS S17-32 B 2 . S607c		PX1.S -		P607	X01CC-28	12	607c-3		CS-607c-3	HPBOLC	18	132300 P005	CH	1P	1P
-																
096	PACS FL CLK B 2 . VGDEC		PX6.S -		P610	X05CC-28	13	610-2		TS3CC-28	HPBOLC	18	132300 P006	001	1P	1P
084	PACS FL CLK B 2 . VSEL		PX6.S -		P610	X05CC-28	13	610-2		TS3CC-28	HPBOLC	18	132300 P006	020	1P	1P
097	PACS FL CLK B 2 . VGSEL		PX6.S -		P610	X05CC-28	13	610-2		TS3CC-28	HPBOLC	18	132300 P006	002	1P	1P
072	PACS FL CLK B 2 . SH610		PX6.S -		P610	X05CC-28	13	610-2		CS-610-2	HPBOLC	18	132300 P006	CH	1P	1P
-																
085	PACS FL CLK B 2 . AD6		PX6.S -		P610	X05CC-28	14	610-1		TS7CC-28	HPBOLC	18	132300 P006	021	1P	1P
098	PACS FL CLK B 2 . AD5		PX6.S -		P610	X05CC-28	14	610-1		TS7CC-28	HPBOLC	18	132300 P006	003	1P	1P
086	PACS FL CLK B 2 . AD4		PX6.S -		P610	X05CC-28	14	610-1		TS7CC-28	HPBOLC	18	132300 P006	022	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P006
 HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
099	PACS FL CLK B 2 . AD3		PX6.S -		P610	X05CC-28	14	610-1		TS7CC-28	HPBOLC	18	132300 P006	004	1P	1P
087	PACS FL CLK B 2 . AD2		PX6.S -		P610	X05CC-28	14	610-1		TS7CC-28	HPBOLC	18	132300 P006	023	1P	1P
100	PACS FL CLK B 2 . AD1		PX6.S -		P610	X05CC-28	14	610-1		TS7CC-28	HPBOLC	18	132300 P006	005	1P	1P
088	PACS FL CLK B 2 . AD0		PX6.S -		P610	X05CC-28	14	610-1		TS7CC-28	HPBOLC	18	132300 P006	024	1P	1P
072	PACS FL CLK B 2 . SH610		PX6.S -		P610	X05CC-28	14	610-1		CS-610-1	HPBOLC	18	132300 P006	CH	1P	1P
-																
040	PACS Fil LL CLK B 2 . VSMS		PX4.S -		P609	TS3CC-28	15				HPBOLC	18	132300 P006	006	1P	1P
051	PACS Fil LL CLK B 2 . CKRI		PX4.S -		P609	TS3CC-28	15				HPBOLC	18	132300 P006	025		
052	PACS Fil LL CLK B 2 . VDECX		PX4.S -		P609	TS3CC-28	15				HPBOLC	18	132300 P006	007		
050	PACS Fil LL CLK B 2 . SH609		PX4.S -		P609	TS3CC-28	15		CS-P609		HPBOLC	18	132300 P006	CH	1P	1P
-																
068	PACS Fil Bias B 2 . VHB		PX2.S -		P608	X03CC-28	16	608-3		TS7CC-28	HPBOLC	18	132300 P006	026	1P	1P
079	PACS Fil Bias B 2 . VTRIL		PX2.S -		P608	X03CC-28	16	608-3		TS7CC-28	HPBOLC	18	132300 P006	008	1P	1P
056	PACS Fil Bias B 2 . GNDCL		PX2.S -		P608	X03CC-28	16	608-3		TS7CC-28	HPBOLC	18	132300 P006	027	1P	1P
067	PACS Fil Bias B 2 . VDPRO		PX2.S -		P608	X03CC-28	16	608-3		TS7CC-28	HPBOLC	18	132300 P006	009	1P	1P
090	PACS Fil Bias B 2 . VH		PX2.S -		P608	X03CC-28	16	608-3		TS7CC-28	HPBOLC	18	132300 P006	028	1P	1P
078	PACS Fil Bias B 2 . VL		PX2.S -		P608	X03CC-28	16	608-3		TS7CC-28	HPBOLC	18	132300 P006	010	1P	1P
101	PACS Fil Bias B 2 . VRL		PX2.S -		P608	X03CC-28	16	608-3		TS7CC-28	HPBOLC	18	132300 P006	029	1P	1P
064	PACS Fil Bias B 2 . SH608		PX2.S -		P608	X03CC-28	16	608-3		CS-608-3	HPBOLC	18	132300 P006	CH	1P	1P
-																
089	PACS Fil Bias B 2 . VCH		PX2.S -		P608	X03CC-28	17	608-2		TS6CC-28	HPBOLC	18	132300 P006	011	1P	1P
055	PACS Fil Bias B 2 . VSS		PX2.S -		P608	X03CC-28	17	608-2		TS6CC-28	HPBOLC	18	132300 P006	030	1P	1P
044	PACS Fil Bias B 2 . VDL		PX2.S -		P608	X03CC-28	17	608-2		TS6CC-28	HPBOLC	18	132300 P006	012	1P	1P
043	PACS Fil Bias B 2 . VINJ		PX2.S -		P608	X03CC-28	17	608-2		TS6CC-28	HPBOLC	18	132300 P006	031	1P	1P
032	PACS Fil Bias B 2 . VGL		PX2.S -		P608	X03CC-28	17	608-2		TS6CC-28	HPBOLC	18	132300 P006	013	1P	1P
066	PACS Fil Bias B 2 . VDD		PX2.S -		P608	X03CC-28	17	608-2		TS6CC-28	HPBOLC	18	132300 P006	032	1P	1P
064	PACS Fil Bias B 2 . SH608		PX2.S -		P608	X03CC-28	17	608-2		CS-608-2	HPBOLC	18	132300 P006	CH	1P	1P
-																
077	PACS Fil Bias B 2 . GNDBU		PX2.S -		P608	X03CC-28	18	608-1		TS6CC-28	HPBOLC	18	132300 P006	033	1P	1P
065	PACS Fil Bias B 2 . VPRBU		PX2.S -		P608	X03CC-28	18	608-1		TS6CC-28	HPBOLC	18	132300 P006	034	1P	1P
054	PACS Fil Bias B 2 . VGLBU		PX2.S -		P608	X03CC-28	18	608-1		TS6CC-28	HPBOLC	18	132300 P006	016	1P	1P
042	PACS Fil Bias B 2 . VGG		PX2.S -		P608	X03CC-28	18	608-1		TS6CC-28	HPBOLC	18	132300 P006	035	1P	1P
041	PACS Fil Bias B 2 . VSSBU		PX2.S -		P608	X03CC-28	18	608-1		TS6CC-28	HPBOLC	18	132300 P006	014	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 359 (of 464)

Connector: 313200 P006
 HPSVMCB2

Function / Bundle: SIH-XP-06 (606b/c;067b/c;608/b;609;610)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
053	PACS Fil Bias B 2 . VDLBU		PX2.S -		P608	X03CC-28	18	608-1		TS6CC-28	HPBOLC	18	132300 P006	015	1P 1P
064	PACS Fil Bias B 2 . SH608		PX2.S -		P608	X03CC-28	18	608-1		CS-608-1	HPBOLC	18	132300 P006	CH	1P 1P
-			-												
030	Daisy chain to pin 064		-							daisy chain pin 030 & pin 064					1P
-			-												
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 360 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132300 P006
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-06 (608-610)

Conn.-Type: SCC340100201BDCMA37PNMBFO

Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS FL CLK B 2 . VGDEC		PX6.S -		P610	X05CC-28	1	610-2		TS3CC-28	HPSVMCB2	22	313200 P006	096	1P 1P
020	PACS FL CLK B 2 . VSEL		PX6.S -		P610	X05CC-28	1	610-2		TS3CC-28	HPSVMCB2	22	313200 P006	084	1P 1P
002	PACS FL CLK B 2 . VGSEL		PX6.S -		P610	X05CC-28	1	610-2		TS3CC-28	HPSVMCB2	22	313200 P006	097	1P 1P
CH	PACS FL CLK B 2 . SH610		PX6.S -		P610	X05CC-28	1	610-2		CS-610-2	HPSVMCB2	22	313200 P006	072	1P 1P
-															
021	PACS FL CLK B 2 . AD6		PX6.S -		P610	X05CC-28	2	610-1		TS7CC-28	HPSVMCB2	22	313200 P006	085	1P 1P
003	PACS FL CLK B 2 . AD5		PX6.S -		P610	X05CC-28	2	610-1		TS7CC-28	HPSVMCB2	22	313200 P006	098	1P 1P
022	PACS FL CLK B 2 . AD4		PX6.S -		P610	X05CC-28	2	610-1		TS7CC-28	HPSVMCB2	22	313200 P006	086	1P 1P
004	PACS FL CLK B 2 . AD3		PX6.S -		P610	X05CC-28	2	610-1		TS7CC-28	HPSVMCB2	22	313200 P006	099	1P 1P
023	PACS FL CLK B 2 . AD2		PX6.S -		P610	X05CC-28	2	610-1		TS7CC-28	HPSVMCB2	22	313200 P006	087	1P 1P
005	PACS FL CLK B 2 . AD1		PX6.S -		P610	X05CC-28	2	610-1		TS7CC-28	HPSVMCB2	22	313200 P006	100	1P 1P
024	PACS FL CLK B 2 . AD0		PX6.S -		P610	X05CC-28	2	610-1		TS7CC-28	HPSVMCB2	22	313200 P006	088	1P 1P
CH	PACS FL CLK B 2 . SH610		PX6.S -		P610	X05CC-28	2	610-1		CS-610-1	HPSVMCB2	22	313200 P006	072	1P 1P
-															
006	PACS Fil LL CLK B 2 . VSMS		PX4.S -		P609	TS3CC-28	3				HPSVMCB2	22	313200 P006	040	1P 1P
025	PACS Fil LL CLK B 2 . CKRI		PX4.S -		P609	TS3CC-28	3				HPSVMCB2	22	313200 P006	051	
007	PACS Fil LL CLK B 2 . VDECX		PX4.S -		P609	TS3CC-28	3				HPSVMCB2	22	313200 P006	052	
CH	PACS Fil LL CLK B 2 . SH609		PX4.S -		P609	TS3CC-28	3			CS-609	HPSVMCB2	22	313200 P006	050	1P 1P
-															
026	PACS Fil Bias B 2 . VHB		PX2.S -		P608	X03CC-28	4	608-3		TS7CC-28	HPSVMCB2	22	313200 P006	068	1P 1P
008	PACS Fil Bias B 2 . VTRIL		PX2.S -		P608	X03CC-28	4	608-3		TS7CC-28	HPSVMCB2	22	313200 P006	079	1P 1P
027	PACS Fil Bias B 2 . GNDCL		PX2.S -		P608	X03CC-28	4	608-3		TS7CC-28	HPSVMCB2	22	313200 P006	056	1P 1P
009	PACS Fil Bias B 2 . VDPRO		PX2.S -		P608	X03CC-28	4	608-3		TS7CC-28	HPSVMCB2	22	313200 P006	067	1P 1P
028	PACS Fil Bias B 2 . VH		PX2.S -		P608	X03CC-28	4	608-3		TS7CC-28	HPSVMCB2	22	313200 P006	090	1P 1P
010	PACS Fil Bias B 2 . VL		PX2.S -		P608	X03CC-28	4	608-3		TS7CC-28	HPSVMCB2	22	313200 P006	078	1P 1P
029	PACS Fil Bias B 2 . VRL		PX2.S -		P608	X03CC-28	4	608-3		TS7CC-28	HPSVMCB2	22	313200 P006	101	1P 1P
CH	PACS Fil Bias B 2 . SH608		PX2.S -		P608	X03CC-28	4	608-3		CS-608-3	HPSVMCB2	22	313200 P006	064	1P 1P
-															
011	PACS Fil Bias B 2 . VCH		PX2.S -		P608	X03CC-28	5	608-2		TS6CC-28	HPSVMCB2	22	313200 P006	089	1P 1P
030	PACS Fil Bias B 2 . VSS		PX2.S -		P608	X03CC-28	5	608-2		TS6CC-28	HPSVMCB2	22	313200 P006	055	1P 1P
012	PACS Fil Bias B 2 . VDL		PX2.S -		P608	X03CC-28	5	608-2		TS6CC-28	HPSVMCB2	22	313200 P006	044	1P 1P
031	PACS Fil Bias B 2 . VINJ		PX2.S -		P608	X03CC-28	5	608-2		TS6CC-28	HPSVMCB2	22	313200 P006	043	1P 1P
013	PACS Fil Bias B 2 . VGL		PX2.S -		P608	X03CC-28	5	608-2		TS6CC-28	HPSVMCB2	22	313200 P006	032	1P 1P

Pin Allocation List

(Harness)

Connector: 132300 P006
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-06 (608-610)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
032	PACS Fil Bias B 2 . VDD		PX2.S -		P608	X03CC-28	5	608-2		TS6CC-28	HPSVMCB2	22	313200 P006	066	1P 1P
CH	PACS Fil Bias B 2 . SH608		PX2.S -		P608	X03CC-28	5	608-2		CS-608-2	HPSVMCB2	22	313200 P006	064	1P 1P
-															
014	PACS Fil Bias B 2 . VSSBU		PX2.S -		P608	X03CC-28	6	608-1		TS6CC-28	HPSVMCB2	22	313200 P006	041	1P 1P
033	PACS Fil Bias B 2 . GNDBU		PX2.S -		P608	X03CC-28	6	608-1		TS6CC-28	HPSVMCB2	22	313200 P006	077	1P 1P
015	PACS Fil Bias B 2 . VDLBU		PX2.S -		P608	X03CC-28	6	608-1		TS6CC-28	HPSVMCB2	22	313200 P006	053	1P 1P
034	PACS Fil Bias B 2 . VPRBU		PX2.S -		P608	X03CC-28	6	608-1		TS6CC-28	HPSVMCB2	22	313200 P006	065	1P 1P
016	PACS Fil Bias B 2 . VGLBU		PX2.S -		P608	X03CC-28	6	608-1		TS6CC-28	HPSVMCB2	22	313200 P006	054	1P 1P
035	PACS Fil Bias B 2 . VGG		PX2.S -		P608	X03CC-28	6	608-1		TS6CC-28	HPSVMCB2	22	313200 P006	042	1P 1P
CH	PACS Fil Bias B 2 . SH608		PX2.S -		P608	X03CC-28	6	608-1		CS-608-1	HPSVMCB2	22	313200 P006	064	1P 1P
017	NC		-												
036	NC		-												
018	NC		-												
037	NC		-												
019	NC		-												
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132300 P004
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-06 (606)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S1-16 B 2 . REF16		PX1.S -		P606	X01CC-28	1	606b-1	1	TP2CC-28	HPSVMCB2	22	313200 P006	105	1P	1P
004	PACS S1-16 B 2 . S16		PX1.S -		P606	X01CC-28	1	606b-1	1	TP2CC-28	HPSVMCB2	22	313200 P006	115	1P	1P
023	PACS S1-16 B 2 . REF15		PX1.S -		P606	X01CC-28	1	606b-1	2	TP2CC-28	HPSVMCB2	22	313200 P006	106	1P	1P
005	PACS S1-16 B 2 . S15		PX1.S -		P606	X01CC-28	1	606b-1	2	TP2CC-28	HPSVMCB2	22	313200 P006	107	1P	1P
CH	PACS S1-16 B 2 . S606b		PX1.S -		P606	X01CC-28	1	606b-1		CS-606b-1	HPSVMCB2	22	313200 P006	094	1P	1P
-																
024	PACS S1-16 B 2 . REF14		PX1.S -		P606	X01CC-28	2	606b-2	3	TP3CC-28	HPSVMCB2	22	313200 P006	122	1P	1P
006	PACS S1-16 B 2 . S14		PX1.S -		P606	X01CC-28	2	606b-2	3	TP3CC-28	HPSVMCB2	22	313200 P006	123	1P	1P
025	PACS S1-16 B 2 . REF13		PX1.S -		P606	X01CC-28	2	606b-2	4	TP3CC-28	HPSVMCB2	22	313200 P006	116	1P	1P
007	PACS S1-16 B 2 . S13		PX1.S -		P606	X01CC-28	2	606b-2	4	TP3CC-28	HPSVMCB2	22	313200 P006	117	1P	1P
026	PACS S1-16 B 2 . REF12		PX1.S -		P606	X01CC-28	2	606b-2	5	TP3CC-28	HPSVMCB2	22	313200 P006	108	1P	1P
008	PACS S1-16 B 2 . S12		PX1.S -		P606	X01CC-28	2	606b-2	5	TP3CC-28	HPSVMCB2	22	313200 P006	109	1P	1P
CH	PACS S1-16 B 2 . S606b		PX1.S -		P606	X01CC-28	2	606b-2		CS- 606b-2	HPSVMCB2	22	313200 P006	094	1P	1P
-																
027	PACS S1-16 B 2 . REF11		PX1.S -		P606	X01CC-28	3	606b-3	4	TP3CC-28	HPSVMCB2	22	313200 P006	124	1P	1P
009	PACS S1-16 B 2 . S11		PX1.S -		P606	X01CC-28	3	606b-3	4	TP3CC-28	HPSVMCB2	22	313200 P006	125	1P	1P
028	PACS S1-16 B 2 . REF10		PX1.S -		P606	X01CC-28	3	606b-3	5	TP3CC-28	HPSVMCB2	22	313200 P006	118	1P	1P
010	PACS S1-16 B 2 . S10		PX1.S -		P606	X01CC-28	3	606b-3	5	TP3CC-28	HPSVMCB2	22	313200 P006	110	1P	1P
029	PACS S1-16 B 2 . REF09		PX1.S -		P606	X01CC-28	3	606b-3	6	TP3CC-28	HPSVMCB2	22	313200 P006	119	1P	1P
011	PACS S1-16 B 2 . S09		PX1.S -		P606	X01CC-28	3	606b-3	6	TP3CC-28	HPSVMCB2	22	313200 P006	126	1P	1P
CH	PACS S1-16 B 2 . S606b		PX1.S -		P606	X01CC-28	3	606b-3		CS-606b-3	HPSVMCB2	22	313200 P006	094	1P	1P
-																
030	PACS S1-16 B 2 . REF08		PX1.S -		P606	X01CC-28	4	606c-1	A	TP3CC-28	HPSVMCB2	22	313200 P006	127	1P	1P
012	PACS S1-16 B 2 . S08		PX1.S -		P606	X01CC-28	4	606c-1	A	TP3CC-28	HPSVMCB2	22	313200 P006	120	1P	1P
031	PACS S1-16 B 2 . REF07		PX1.S -		P606	X01CC-28	4	606c-1	B	TP3CC-28	HPSVMCB2	22	313200 P006	128	1P	1P
013	PACS S1-16 B 2 . S07		PX1.S -		P606	X01CC-28	4	606c-1	B	TP3CC-28	HPSVMCB2	22	313200 P006	121	1P	1P
032	PACS S1-16 B 2 . REF06		PX1.S -		P606	X01CC-28	4	606c-1	C	TP3CC-28	HPSVMCB2	22	313200 P006	112	1P	1P
014	PACS S1-16 B 2 . S06		PX1.S -		P606	X01CC-28	4	606c-1	C	TP3CC-28	HPSVMCB2	22	313200 P006	102	1P	1P
CH	PACS S1-16 B 2 . S606c		PX1.S -		P606	X01CC-28	4	606c-1		CS- 606c-1	HPSVMCB2	22	313200 P006	111	1P	1P
-																
033	PACS S1-16 B 2 . REF05		PX1.S -		P606	X01CC-28	5	606c-2	D	TP3CC-28	HPSVMCB2	22	313200 P006	113	1P	1P
015	PACS S1-16 B 2 . S05		PX1.S -		P606	X01CC-28	5	606c-2	D	TP3CC-28	HPSVMCB2	22	313200 P006	103	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P004
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-06 (606)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S1-16 B 2 . REF04		PX1.S -		P606	X01CC-28	5	606c-2	E	TP3CC-28	HPSVMCB2	22	313200 P006	091	1P	1P
016	PACS S1-16 B 2 . S04		PX1.S -		P606	X01CC-28	5	606c-2	E	TP3CC-28	HPSVMCB2	22	313200 P006	080	1P	1P
035	PACS S1-16 B 2 . REF03		PX1.S -		P606	X01CC-28	5	606c-2	F	TP3CC-28	HPSVMCB2	22	313200 P006	114	1P	1P
017	PACS S1-16 B 2 . S03		PX1.S -		P606	X01CC-28	5	606c-2	F	TP3CC-28	HPSVMCB2	22	313200 P006	104	1P	1P
CH	PACS S1-16 B 2 . S606c		PX1.S -		P606	X01CC-28	5	606c-2		CS-606c-2	HPSVMCB2	22	313200 P006	111	1P	1P
-																
036	PACS S1-16 B 2 . REF02		PX1.S -		P606	X01CC-28	6	606c-3	G	TP2CC-28	HPSVMCB2	22	313200 P006	092	1P	1P
018	PACS S1-16 B 2 . S02		PX1.S -		P606	X01CC-28	6	606c-3	G	TP2CC-28	HPSVMCB2	22	313200 P006	093	1P	1P
037	PACS S1-16 B 2 . REF01		PX1.S -		P606	X01CC-28	6	606c-3	H	TP2CC-28	HPSVMCB2	22	313200 P006	069	1P	1P
019	PACS S1-16 B 2 . S01		PX1.S -		P606	X01CC-28	6	606c-3	H	TP2CC-28	HPSVMCB2	22	313200 P006	081	1P	1P
CH	PACS S1-16 B 2 . S606c		PX1.S -		P606	X01CC-28	6	606c-3		CS-606c-3	HPSVMCB2	22	313200 P006	111	1P	1P
001	NC . -															
020	NC															
002	NC															
021	NC															
003	NC															
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132300 P005
HPBOLC

Function / Bundle: BOLCto FPU SIH-XP-06 (607)

Conn.-Type: SCC340100201BDCMA37SNMBFO

Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S17-32 B 2 . REF32		PX1.S -		P607	X01CC-28	1	607b-1	1	TP2CC-28	HPSVMCB2	22	313200 P006	026	1P	1P
004	PACS S17-32 B 2 . S32		PX1.S -		P607	X01CC-28	1	607b-1	1	TP2CC-28	HPSVMCB2	22	313200 P006	015	1P	1P
023	PACS S17-32 B 2 . REF31		PX1.S -		P607	X01CC-28	1	607b-1	2	TP2CC-28	HPSVMCB2	22	313200 P006	016	1P	1P
005	PACS S17-32 B 2 . S31		PX1.S -		P607	X01CC-28	1	607b-1	2	TP2CC-28	HPSVMCB2	22	313200 P006	027	1P	1P
CH	PACS S17-32 B 2 . S607b		PX1.S -		P607	X01CC-28	1	607b-1		CS-607b-1	HPSVMCB2	22	313200 P006	025	1P	1P
-																
024	PACS S17-32 B 2 . REF30		PX1.S -		P607	X01CC-28	2	607b-2	3	TP3CC-28	HPSVMCB2	22	313200 P006	008	1P	1P
006	PACS S17-32 B 2 . S30		PX1.S -		P607	X01CC-28	2	607b-2	3	TP3CC-28	HPSVMCB2	22	313200 P006	001	1P	1P
025	PACS S17-32 B 2 . REF29		PX1.S -		P607	X01CC-28	2	607b-2	4	TP3CC-28	HPSVMCB2	22	313200 P006	028	1P	1P
007	PACS S17-32 B 2 . S29		PX1.S -		P607	X01CC-28	2	607b-2	4	TP3CC-28	HPSVMCB2	22	313200 P006	017	1P	1P
026	PACS S17-32 B 2 . REF28		PX1.S -		P607	X01CC-28	2	607b-2	5	TP3CC-28	HPSVMCB2	22	313200 P006	009	1P	1P
008	PACS S17-32 B 2 . S28		PX1.S -		P607	X01CC-28	2	607b-2	5	TP3CC-28	HPSVMCB2	22	313200 P006	002	1P	1P
CH	PACS S17-32 B 2 . S607b		PX1.S -		P607	X01CC-28	2	607b-2		CS-607b-2	HPSVMCB2	22	313200 P006	025	1P	1P
-																
027	PACS S17-32 B 2 . REF27		PX1.S -		P607	X01CC-28	3	607b-3	6	TP3CC-28	HPSVMCB2	22	313200 P006	018	1P	1P
009	PACS S17-32 B 2 . S27		PX1.S -		P607	X01CC-28	3	607b-3	6	TP3CC-28	HPSVMCB2	22	313200 P006	010	1P	1P
028	PACS S17-32 B 2 . REF26		PX1.S -		P607	X01CC-28	3	607b-3	7	TP3CC-28	HPSVMCB2	22	313200 P006	003	1P	1P
010	PACS S17-32 B 2 . S26		PX1.S -		P607	X01CC-28	3	607b-3	7	TP3CC-28	HPSVMCB2	22	313200 P006	004	1P	1P
029	PACS S17-32 B 2 . REF25		PX1.S -		P607	X01CC-28	3	607b-3	8	TP3CC-28	HPSVMCB2	22	313200 P006	011	1P	1P
011	PACS S17-32 B 2 . S25		PX1.S -		P607	X01CC-28	3	607b-3	8	TP3CC-28	HPSVMCB2	22	313200 P006	019	1P	1P
CH	PACS S17-32 B 2 . S607b		PX1.S -		P607	X01CC-28	3	607b-3		CS-607b-3	HPSVMCB2	22	313200 P006	025	1P	1P
-																
030	PACS S17-32 B 2 . REF24		PX1.S -		P607	X01CC-28	4	607c-1	9	TP3CC-28	HPSVMCB2	22	313200 P006	006	1P	1P
012	PACS S17-32 B 2 . S24		PX1.S -		P607	X01CC-28	4	607c-1	9	TP3CC-28	HPSVMCB2	22	313200 P006	005	1P	1P
031	PACS S17-32 B 2 . REF23		PX1.S -		P607	X01CC-28	4	607c-1	A	TP3CC-28	HPSVMCB2	22	313200 P006	013	1P	1P
013	PACS S17-32 B 2 . S23		PX1.S -		P607	X01CC-28	4	607c-1	A	TP3CC-28	HPSVMCB2	22	313200 P006	007	1P	1P
032	PACS S17-32 B 2 . REF22		PX1.S -		P607	X01CC-28	4	607c-1	B	TP3CC-28	HPSVMCB2	22	313200 P006	014	1P	1P
014	PACS S17-32 B 2 . S22		PX1.S -		P607	X01CC-28	4	607c-1	B	TP3CC-28	HPSVMCB2	22	313200 P006	023	1P	1P
CH	PACS S17-32 B 2 . S607c		PX1.S -		P607	X01CC-28	4	607c-1		CS- 607c-1	HPSVMCB2	22	313200 P006	012	1P	1P
-																
033	PACS S17-32 B 2 . REF21		PX1.S -		P607	X01CC-28	5	607c-2	C	TP3CC-28	HPSVMCB2	22	313200 P006	022	1P	1P
015	PACS S17-32 B 2 . S21		PX1.S -		P607	X01CC-28	5	607c-2	C	TP3CC-28	HPSVMCB2	22	313200 P006	033	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P005
HPBOLC

Function / Bundle: BOLCto FPU SIH-XP-06 (607)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S17-32 B 2 . REF20		PX1.S -		P607	X01CC-28	5	607c-2	D	TP3CC-28	HPSVMCB2	22	313200 P006	034	1P	1P
016	PACS S17-32 B 2 . S20		PX1.S -		P607	X01CC-28	5	607c-2	D	TP3CC-28	HPSVMCB2	22	313200 P006	024	1P	1P
035	PACS S17-32 B 2 . REF19		PX1.S -		P607	X01CC-28	5	607c-2	E	TP3CC-28	HPSVMCB2	22	313200 P006	045	1P	1P
017	PACS S17-32 B 2 . S19		PX1.S -		P607	X01CC-28	5	607c-2	E	TP3CC-28	HPSVMCB2	22	313200 P006	046	1P	1P
CH	PACS S17-32 B 2 . S607c		PX1.S -		P607	X01CC-28	5	607c-2		CS-607c-2	HPSVMCB2	22	313200 P006	012	1P	1P
-																
036	PACS S17-32 B 2 . REF18		PX1.S -		P607	X01CC-28	6	607c-3	F	TP2CC-28	HPSVMCB2	22	313200 P006	035	1P	1P
018	PACS S17-32 B 2 . S18		PX1.S -		P607	X01CC-28	6	607c-3	F	TP2CC-28	HPSVMCB2	22	313200 P006	047	1P	1P
037	PACS S17-32 B 2 . REF17		PX1.S -		P607	X01CC-28	6	607c-3	G	TP2CC-28	HPSVMCB2	22	313200 P006	058	1P	1P
019	PACS S17-32 B 2 . S17		PX1.S -		P607	X01CC-28	6	607c-3	G	TP2CC-28	HPSVMCB2	22	313200 P006	057	1P	1P
CH	PACS S17-32 B 2 . S607c		PX1.S -		P607	X01CC-28	6	607c-3		CS-607c-3	HPSVMCB2	22	313200 P006	012	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313200 P008
 HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613b;614-615)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
105	PACS S01-16 B 3 . REF16		PX1.S -		P611	X01CC-28	1	611b-1	1	TP2CC-28	HPBOLC	18	132300 P007	022	1P	1P
115	PACS S01-16 B 3 . S16		PX1.S -		P611	X01CC-28	1	611b-1	1	TP2CC-28	HPBOLC	18	132300 P007	004	1P	1P
106	PACS S01-16 B 3 . REF15		PX1.S -		P611	X01CC-28	1	611b-1	2	TP2CC-28	HPBOLC	18	132300 P007	023	1P	1P
107	PACS S01-16 B 3 . S15		PX1.S -		P611	X01CC-28	1	611b-1	2	TP2CC-28	HPBOLC	18	132300 P007	005	1P	1P
094	PACS S01-16 B 3 . S611b		PX1.S -		P611	X01CC-28	1	611b-1		CS-611b-1	HPBOLC	18	132300 P007	CH	1P	1P
-																
122	PACS S01-16 B 3 . REF14		PX1.S -		P611	X01CC-28	2	611b-2	3	TP3CC-28	HPBOLC	18	132300 P007	024	1P	1P
123	PACS S01-16 B 3 . S14		PX1.S -		P611	X01CC-28	2	611b-2	3	TP3CC-28	HPBOLC	18	132300 P007	006	1P	1P
116	PACS S01-16 B 3 . REF13		PX1.S -		P611	X01CC-28	2	611b-2	4	TP3CC-28	HPBOLC	18	132300 P007	025	1P	1P
117	PACS S01-16 B 3 . S13		PX1.S -		P611	X01CC-28	2	611b-2	4	TP3CC-28	HPBOLC	18	132300 P007	007	1P	1P
108	PACS S01-16 B 3 . REF12		PX1.S -		P611	X01CC-28	2	611b-2	5	TP3CC-28	HPBOLC	18	132300 P007	026	1P	1P
109	PACS S01-16 B 3 . S12		PX1.S -		P611	X01CC-28	2	611b-2	5	TP3CC-28	HPBOLC	18	132300 P007	008	1P	1P
094	PACS S01-16 B 3 . S611b		PX1.S -		P611	X01CC-28	2	611b-2		CS-611b-2	HPBOLC	18	132300 P007	CH	1P	1P
-																
124	PACS S01-16 B 3 . REF11		PX1.S -		P611	X01CC-28	3	611b-3	6	TP3CC-28	HPBOLC	18	132300 P007	027	1P	1P
125	PACS S01-16 B 3 . S11		PX1.S -		P611	X01CC-28	3	611b-3	6	TP3CC-28	HPBOLC	18	132300 P007	009	1P	1P
118	PACS S01-16 B 3 . REF10		PX1.S -		P611	X01CC-28	3	611b-3	7	TP3CC-28	HPBOLC	18	132300 P007	028	1P	1P
110	PACS S01-16 B 3 . S10		PX1.S -		P611	X01CC-28	3	611b-3	7	TP3CC-28	HPBOLC	18	132300 P007	010	1P	1P
119	PACS S01-16 B 3 . REF09		PX1.S -		P611	X01CC-28	3	611b-3	8	TP3CC-28	HPBOLC	18	132300 P007	029	1P	1P
126	PACS S01-16 B 3 . S09		PX1.S -		P611	X01CC-28	3	611b-3	8	TP3CC-28	HPBOLC	18	132300 P007	011	1P	1P
094	PACS S01-16 B 3 . S611b		PX1.S -		P611	X01CC-28	3	611b-3		CS-611b-3	HPBOLC	18	132300 P007	CH	1P	1P
-																
127	PACS S01-16 B 3 . REF08		PX1.S -		P611	X01CC-28	4	611c-1	9	TP3CC-28	HPBOLC	18	132300 P007	030	1P	1P
120	PACS S01-16 B 3 . S08		PX1.S -		P611	X01CC-28	4	611c-1	9	TP3CC-28	HPBOLC	18	132300 P007	012	1P	1P
128	PACS S01-16 B 3 . REF07		PX1.S -		P611	X01CC-28	4	611c-1	A	TP3CC-28	HPBOLC	18	132300 P007	031	1P	1P
121	PACS S01-16 B 3 . S07		PX1.S -		P611	X01CC-28	4	611c-1	A	TP3CC-28	HPBOLC	18	132300 P007	013	1P	1P
112	PACS S01-16 B 3 . REF06		PX1.S -		P611	X01CC-28	4	611c-1	B	TP3CC-28	HPBOLC	18	132300 P007	032	1P	1P
102	PACS S01-16 B 3 . S06		PX1.S -		P611	X01CC-28	4	611c-1	B	TP3CC-28	HPBOLC	18	132300 P007	014	1P	1P
111	PACS S01-16 B 3 . S611c		PX1.S -		P611	X01CC-28	4	611c-1		CS-611c-1	HPBOLC	18	132300 P007	CH	1P	1P
-																
113	PACS S01-16 B 3 . REF05		PX1.S -		P611	X01CC-28	5	611c-2	C	TP3CC-28	HPBOLC	18	132300 P007	033	1P	1P
103	PACS S01-16 B 3 . S05		PX1.S -		P611	X01CC-28	5	611c-2	C	TP3CC-28	HPBOLC	18	132300 P007	015	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P008
 HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614-615)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
091	PACS S01-16 B 3 . REF04		PX1.S -		P611	X01CC-28	5	611c-2	D	TP3CC-28	HPBOLC	18	132300 P007	034	1P	1P
080	PACS S01-16 B 3 . S04		PX1.S -		P611	X01CC-28	5	611c-2	D	TP3CC-28	HPBOLC	18	132300 P007	016	1P	1P
114	PACS S01-16 B 3 . REF03		PX1.S -		P611	X01CC-28	5	611c-2	E	TP3CC-28	HPBOLC	18	132300 P007	035	1P	1P
104	PACS S01-16 B 3 . S03		PX1.S -		P611	X01CC-28	5	611c-2	E	TP3CC-28	HPBOLC	18	132300 P007	017	1P	1P
111	PACS S01-16 B 3 . S611c		PX1.S -		P611	X01CC-28	5	611c-2		CS-611c-2	HPBOLC	18	132300 P007	CH	1P	1P
-																
092	PACS S01-16 B 3 . REF02		PX1.S -		P611	X01CC-28	6	611c-3	F	TP2CC-28	HPBOLC	18	132300 P007	036	1P	1P
093	PACS S01-16 B 3 . S02		PX1.S -		P611	X01CC-28	6	611c-3	F	TP2CC-28	HPBOLC	18	132300 P007	018	1P	1P
069	PACS S01-16 B 3 . REF01		PX1.S -		P611	X01CC-28	6	611c-3	G	TP2CC-28	HPBOLC	18	132300 P007	037	1P	1P
081	PACS S01-16 B 3 . S01		PX1.S -		P611	X01CC-28	6	611c-3	G	TP2CC-28	HPBOLC	18	132300 P007	019	1P	1P
111	PACS S01-16 B 3 . S611c		PX1.S -		P611	X01CC-28	6	611c-3		CS-611c-3	HPBOLC	18	132300 P007	CH	1P	1P
-																
026	PACS S17-32 B 3 . REF32		PX1.S -		P612	X01CC-28	7	612b-1	H	TP2CC-28	HPBOLC	18	132300 P008	022	1P	1P
015	PACS S17-32 B 3 . S32		PX1.S -		P612	X01CC-28	7	612b-1	H	TP2CC-28	HPBOLC	18	132300 P008	004	1P	1P
016	PACS S17-32 B 3 . REF31		PX1.S -		P612	X01CC-28	7	612b-1	I	TP2CC-28	HPBOLC	18	132300 P008	023	1P	1P
027	PACS S17-32 B 3 . S31		PX1.S -		P612	X01CC-28	7	612b-1	I	TP2CC-28	HPBOLC	18	132300 P008	005	1P	1P
025	PACS S17-32 B 3 . S612b		PX1.S -		P612	X01CC-28	7	612b-1		CS-612b-1	HPBOLC	18	132300 P008	CH	1P	1P
-																
008	PACS S17-32 B 3 . REF30		PX1.S -		P612	X01CC-28	8	612b-2	K	TP3CC-28	HPBOLC	18	132300 P008	024	1P	1P
001	PACS S17-32 B 3 . S30		PX1.S -		P612	X01CC-28	8	612b-2	K	TP3CC-28	HPBOLC	18	132300 P008	006	1P	1P
028	PACS S17-32 B 3 . REF29		PX1.S -		P612	X01CC-28	8	612b-2	L	TP3CC-28	HPBOLC	18	132300 P008	025	1P	1P
017	PACS S17-32 B 3 . S29		PX1.S -		P612	X01CC-28	8	612b-2	L	TP3CC-28	HPBOLC	18	132300 P008	007	1P	1P
009	PACS S17-32 B 3 . REF28		PX1.S -		P612	X01CC-28	8	612b-2	M	TP3CC-28	HPBOLC	18	132300 P008	026	1P	1P
002	PACS S17-32 B 3 . S28		PX1.S -		P612	X01CC-28	8	612b-2	M	TP3CC-28	HPBOLC	18	132300 P008	008	1P	1P
025	PACS S17-32 B 3 . S612b		PX1.S -		P612	X01CC-28	8	612b-2		CS-612b-2	HPBOLC	18	132300 P008	CH	1P	1P
-																
018	PACS S17-32 B 3 . REF27		PX1.S -		P612	X01CC-28	9	612b-3	N	TP3CC-28	HPBOLC	18	132300 P008	027	1P	1P
010	PACS S17-32 B 3 . S27		PX1.S -		P612	X01CC-28	9	612b-3	N	TP3CC-28	HPBOLC	18	132300 P008	009	1P	1P
003	PACS S17-32 B 3 . REF26		PX1.S -		P612	X01CC-28	9	612b-3	P	TP3CC-28	HPBOLC	18	132300 P008	028	1P	1P
004	PACS S17-32 B 3 . S26		PX1.S -		P612	X01CC-28	9	612b-3	P	TP3CC-28	HPBOLC	18	132300 P008	010	1P	1P
011	PACS S17-32 B 3 . REF25		PX1.S -		P612	X01CC-28	9	612b-3	Q	TP3CC-28	HPBOLC	18	132300 P008	029	1P	1P
019	PACS S17-32 B 3 . S25		PX1.S -		P612	X01CC-28	9	612b-3	Q	TP3CC-28	HPBOLC	18	132300 P008	011	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P008
 HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614-615)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
025	PACS S17-32 B 3 . S612b		PX1.S -		P612	X01CC-28	9	612b-3		CS-612b-3	HPBOLC	18	132300 P008	CH	1P 1P
-															
006	PACS S17-32 B 3 . REF24		PX1.S -		P612	X01CC-28	10	612c-1 R		TP3CC-28	HPBOLC	18	132300 P008	030	1P 1P
005	PACS S17-32 B 3 . S24		PX1.S -		P612	X01CC-28	10	612c-1 R		TP3CC-28	HPBOLC	18	132300 P008	012	1P 1P
013	PACS S17-32 B 3 . REF23		PX1.S -		P612	X01CC-28	10	612c-1 S		TP3CC-28	HPBOLC	18	132300 P008	031	1P 1P
007	PACS S17-32 B 3 . S23		PX1.S -		P612	X01CC-28	10	612c-1 S		TP3CC-28	HPBOLC	18	132300 P008	013	1P 1P
014	PACS S17-32 B 3 . REF22		PX1.S -		P612	X01CC-28	10	612c-1 T		TP3CC-28	HPBOLC	18	132300 P008	032	1P 1P
023	PACS S17-32 B 3 . S22		PX1.S -		P612	X01CC-28	10	612c-1 T		TP3CC-28	HPBOLC	18	132300 P008	014	1P 1P
012	PACS S17-32 B 3 . S612c		PX1.S -		P612	X01CC-28	10	612c-1		CS-612c-1	HPBOLC	18	132300 P008	CH	1P 1P
-															
022	PACS S17-32 B 3 . REF21		PX1.S -		P612	X01CC-28	11	612c-2 U		TP3CC-28	HPBOLC	18	132300 P008	033	1P 1P
033	PACS S17-32 B 3 . S21		PX1.S -		P612	X01CC-28	11	612c-2 U		TP3CC-28	HPBOLC	18	132300 P008	015	1P 1P
034	PACS S17-32 B 3 . REF20		PX1.S -		P612	X01CC-28	11	612c-2 V		TP3CC-28	HPBOLC	18	132300 P008	034	1P 1P
024	PACS S17-32 B 3 . S20		PX1.S -		P612	X01CC-28	11	612c-2 V		TP3CC-28	HPBOLC	18	132300 P008	016	1P 1P
045	PACS S17-32 B 3 . REF19		PX1.S -		P612	X01CC-28	11	612c-2 W		TP3CC-28	HPBOLC	18	132300 P008	035	1P 1P
046	PACS S17-32 B 3 . S19		PX1.S -		P612	X01CC-28	11	612c-2 W		TP3CC-28	HPBOLC	18	132300 P008	017	1P 1P
012	PACS S17-32 B 3 . S612c		PX1.S -		P612	X01CC-28	11	612c-2		CS-612c-2	HPBOLC	18	132300 P008	CH	1P 1P
-															
035	PACS S17-32 B 3 . REF18		PX1.S -		P612	X01CC-28	12	612c-3 X		TP2CC-28	HPBOLC	18	132300 P008	036	1P 1P
047	PACS S17-32 B 3 . S18		PX1.S -		P612	X01CC-28	12	612c-3 X		TP2CC-28	HPBOLC	18	132300 P008	018	1P 1P
058	PACS S17-32 B 3 . REF17		PX1.S -		P612	X01CC-28	12	612c-3 Y		TP2CC-28	HPBOLC	18	132300 P008	037	1P 1P
057	PACS S17-32 B 3 . S17		PX1.S -		P612	X01CC-28	12	612c-3 Y		TP2CC-28	HPBOLC	18	132300 P008	019	1P 1P
012	PACS S17-32 B 3 . S612c		PX1.S -		P612	X01CC-28	12	612c-3		CS-612c-3	HPBOLC	18	132300 P008	CH	1P 1P
-															
096	PACS FL Clock B 3 . VGDEC		PX6.S -		P615	X05CC-28	13	615-2		TS3CC-28	HPBOLC	18	132300 P009	001	1P 1P
084	PACS FL Clock B 3 . VSEL		PX6.S -		P615	X05CC-28	13	615-2		TS3CC-28	HPBOLC	18	132300 P009	020	1P 1P
097	PACS FL Clock B 3 . VGSEL		PX6.S -		P615	X05CC-28	13	615-2		TS3CC-28	HPBOLC	18	132300 P009	002	1P 1P
072	PACS FL Clock B 3 . SH615		PX6.S -		P615	X05CC-28	13	615-2		CS-615-2	HPBOLC	18	132300 P009	CH	1P 1P
-															
085	PACS FL Clock B 3 . AD6		PX6.S -		P615	X05CC-28	14	615-1		TS7CC-28	HPBOLC	18	132300 P009	021	1P 1P
098	PACS FL Clock B 3 . AD5		PX6.S -		P615	X05CC-28	14	615-1		TS7CC-28	HPBOLC	18	132300 P009	003	1P 1P
086	PACS FL Clock B 3 . AD4		PX6.S -		P615	X05CC-28	14	615-1		TS7CC-28	HPBOLC	18	132300 P009	022	1P 1P

Pin Allocation List

(Harness)

Connector: 313200 P008
 HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613b;614-615)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
099	PACS FL Clock B 3 . AD3		PX6.S -		P615	X05CC-28	14	615-1		TS7CC-28	HPBOLC	18	132300 P009	004	1P	1P
087	PACS FL Clock B 3 . AD2		PX6.S -		P615	X05CC-28	14	615-1		TS7CC-28	HPBOLC	18	132300 P009	023	1P	1P
100	PACS FL Clock B 3 . AD1		PX6.S -		P615	X05CC-28	14	615-1		TS7CC-28	HPBOLC	18	132300 P009	005	1P	1P
088	PACS FL Clock B 3 . AD0		PX6.S -		P615	X05CC-28	14	615-1		TS7CC-28	HPBOLC	18	132300 P009	024	1P	1P
072	PACS FL Clock B 3 . SH615		PX6.S -		P615	X05CC-28	14	615-1		CS-615-1	HPBOLC	18	132300 P009	CH	1P	1P
-																
040	PACS Fil LL CLK B 3 . VSMS		PX4.S -		P614	TS3CC-28	15				HPBOLC	18	132300 P009	006	1P	1P
051	PACS Fil LL CLK B 3 . CKRI		PX4.S -		P614	TS3CC-28	15				HPBOLC	18	132300 P009	025		
052	PACS Fil LL CLK B 3 . VDECX		PX4.S -		P614	TS3CC-28	15				HPBOLC	18	132300 P009	007		
050	PACS Fil LL CLK B 3 . SH614		PX4.S -		P614	TS3CC-28	15		CS-P614		HPBOLC	18	132300 P009	CH	1P	1P
-																
068	PACS Fil Bias B 3 . VHB		PX2.S -		P613	X03CC-28	16	613-3		TS7CC-28	HPBOLC	18	132300 P009	026	1P	1P
079	PACS Fil Bias B 3 . VTRIL		PX2.S -		P613	X03CC-28	16	613-3		TS7CC-28	HPBOLC	18	132300 P009	008	1P	1P
056	PACS Fil Bias B 3 . GNDCL		PX2.S -		P613	X03CC-28	16	613-3		TS7CC-28	HPBOLC	18	132300 P009	027	1P	1P
067	PACS Fil Bias B 3 . VDPRO		PX2.S -		P613	X03CC-28	16	613-3		TS7CC-28	HPBOLC	18	132300 P009	009	1P	1P
090	PACS Fil Bias B 3 . VH		PX2.S -		P613	X03CC-28	16	613-3		TS7CC-28	HPBOLC	18	132300 P009	028	1P	1P
078	PACS Fil Bias B 3 . VL		PX2.S -		P613	X03CC-28	16	613-3		TS7CC-28	HPBOLC	18	132300 P009	010	1P	1P
101	PACS Fil Bias B 3 . VRL		PX2.S -		P613	X03CC-28	16	613-3		TS7CC-28	HPBOLC	18	132300 P009	029	1P	1P
064	PACS Fil Bias B 3 . SH613		PX2.S -		P613	X03CC-28	16	613-3		CS-613-3	HPBOLC	18	132300 P009	CH	1P	1P
-																
089	PACS Fil Bias B 3 . VCH		PX2.S -		P613	X03CC-28	17	613-2		TS6CC-28	HPBOLC	18	132300 P009	011	1P	1P
055	PACS Fil Bias B 3 . VSS		PX2.S -		P613	X03CC-28	17	613-2		TS6CC-28	HPBOLC	18	132300 P009	030	1P	1P
044	PACS Fil Bias B 3 . VDL		PX2.S -		P613	X03CC-28	17	613-2		TS6CC-28	HPBOLC	18	132300 P009	012	1P	1P
043	PACS Fil Bias B 3 . VINJ		PX2.S -		P613	X03CC-28	17	613-2		TS6CC-28	HPBOLC	18	132300 P009	031	1P	1P
032	PACS Fil Bias B 3 . VGL		PX2.S -		P613	X03CC-28	17	613-2		TS6CC-28	HPBOLC	18	132300 P009	013	1P	1P
066	PACS Fil Bias B 3 . VDD		PX2.S -		P613	X03CC-28	17	613-2		TS6CC-28	HPBOLC	18	132300 P009	032	1P	1P
064	PACS Fil Bias B 3 . SH613		PX2.S -		P613	X03CC-28	17	613-2		CS-613-2	HPBOLC	18	132300 P009	CH	1P	1P
-																
077	PACS Fil Bias B 3 . GNDBU		PX2.S -		P613	X03CC-28	18	613-1		TS6CC-28	HPBOLC	18	132300 P009	033	1P	1P
065	PACS Fil Bias B 3 . VPRBU		PX2.S -		P613	X03CC-28	18	613-1		TS6CC-28	HPBOLC	18	132300 P009	034	1P	1P
054	PACS Fil Bias B 3 . VGLBU		PX2.S -		P613	X03CC-28	18	613-1		TS6CC-28	HPBOLC	18	132300 P009	016	1P	1P
042	PACS Fil Bias B 3 . VGG		PX2.S -		P613	X03CC-28	18	613-1		TS6CC-28	HPBOLC	18	132300 P009	035	1P	1P
041	PACS Fil Bias B 3 . VSSBU		PX2.S -		P613	X03CC-28	18	613-1		TS6CC-28	HPBOLC	18	132300 P009	014	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 371 (of 464)

Connector: 313200 P008
 HPSVMCB2

Function / Bundle: SIH-XP-07 (611b/c;612b/c;613/b;614-615)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
053	PACS Fil Bias B 3 . VDLBU		PX2.S -		P613	X03CC-28	18	613-1		TS6CC-28	HPBOLC	18	132300 P009	015	1P	1P
064	PACS Fil Bias B 3 . SH613		PX2.S -		P613	X03CC-28	18	613-1		CS-613-1	HPBOLC	18	132300 P009	CH	1P	1P
-			-													
030	Daisy chain to pin 064		-							daisy chain pin 030 & pin 064						1P
-			-													1P
CH	Overall Shield									Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 372 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132300 P007
HPBOLC

Function / Bundle: BOLC to FPUSIH-XP-07 (611)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S01-16 B 3 . REF16		PX1.S -		P611	X01CC-28	1	611b-1	1	TP2CC-28	HPSVMCB2	22	313200 P008	105	1P	1P
004	PACS S01-16 B 3 . S16		PX1.S -		P611	X01CC-28	1	611b-1	1	TP2CC-28	HPSVMCB2	22	313200 P008	115	1P	1P
023	PACS S01-16 B 3 . REF15		PX1.S -		P611	X01CC-28	1	611b-1	2	TP2CC-28	HPSVMCB2	22	313200 P008	106	1P	1P
005	PACS S01-16 B 3 . S15		PX1.S -		P611	X01CC-28	1	611b-1	2	TP2CC-28	HPSVMCB2	22	313200 P008	107	1P	1P
CH	PACS S01-16 B 3 . S611b		PX1.S -		P611	X01CC-28	1	611b-1		CS-611b-1	HPSVMCB2	22	313200 P008	094	1P	1P
-																
024	PACS S01-16 B 3 . REF14		PX1.S -		P611	X01CC-28	2	611b-2	3	TP3CC-28	HPSVMCB2	22	313200 P008	122	1P	1P
006	PACS S01-16 B 3 . S14		PX1.S -		P611	X01CC-28	2	611b-2	3	TP3CC-28	HPSVMCB2	22	313200 P008	123	1P	1P
025	PACS S01-16 B 3 . REF13		PX1.S -		P611	X01CC-28	2	611b-2	4	TP3CC-28	HPSVMCB2	22	313200 P008	116	1P	1P
007	PACS S01-16 B 3 . S13		PX1.S -		P611	X01CC-28	2	611b-2	4	TP3CC-28	HPSVMCB2	22	313200 P008	117	1P	1P
026	PACS S01-16 B 3 . REF12		PX1.S -		P611	X01CC-28	2	611b-2	5	TP3CC-28	HPSVMCB2	22	313200 P008	108	1P	1P
008	PACS S01-16 B 3 . S12		PX1.S -		P611	X01CC-28	2	611b-2	5	TP3CC-28	HPSVMCB2	22	313200 P008	109	1P	1P
CH	PACS S01-16 B 3 . S611b		PX1.S -		P611	X01CC-28	2	611b-2		CS-611b-2	HPSVMCB2	22	313200 P008	094	1P	1P
-																
027	PACS S01-16 B 3 . REF11		PX1.S -		P611	X01CC-28	3	611b-3	6	TP3CC-28	HPSVMCB2	22	313200 P008	124	1P	1P
009	PACS S01-16 B 3 . S11		PX1.S -		P611	X01CC-28	3	611b-3	6	TP3CC-28	HPSVMCB2	22	313200 P008	125	1P	1P
028	PACS S01-16 B 3 . REF10		PX1.S -		P611	X01CC-28	3	611b-3	7	TP3CC-28	HPSVMCB2	22	313200 P008	118	1P	1P
010	PACS S01-16 B 3 . S10		PX1.S -		P611	X01CC-28	3	611b-3	7	TP3CC-28	HPSVMCB2	22	313200 P008	110	1P	1P
029	PACS S01-16 B 3 . REF09		PX1.S -		P611	X01CC-28	3	611b-3	8	TP3CC-28	HPSVMCB2	22	313200 P008	119	1P	1P
011	PACS S01-16 B 3 . S09		PX1.S -		P611	X01CC-28	3	611b-3	8	TP3CC-28	HPSVMCB2	22	313200 P008	126	1P	1P
CH	PACS S01-16 B 3 . S611b		PX1.S -		P611	X01CC-28	3	611b-3		CS-611b-3	HPSVMCB2	22	313200 P008	094	1P	1P
-																
030	PACS S01-16 B 3 . REF08		PX1.S -		P611	X01CC-28	4	611c-1	9	TP3CC-28	HPSVMCB2	22	313200 P008	127	1P	1P
012	PACS S01-16 B 3 . S08		PX1.S -		P611	X01CC-28	4	611c-1	9	TP3CC-28	HPSVMCB2	22	313200 P008	120	1P	1P
031	PACS S01-16 B 3 . REF07		PX1.S -		P611	X01CC-28	4	611c-1	A	TP3CC-28	HPSVMCB2	22	313200 P008	128	1P	1P
013	PACS S01-16 B 3 . S07		PX1.S -		P611	X01CC-28	4	611c-1	A	TP3CC-28	HPSVMCB2	22	313200 P008	121	1P	1P
032	PACS S01-16 B 3 . REF06		PX1.S -		P611	X01CC-28	4	611c-1	B	TP3CC-28	HPSVMCB2	22	313200 P008	112	1P	1P
014	PACS S01-16 B 3 . S06		PX1.S -		P611	X01CC-28	4	611c-1	B	TP3CC-28	HPSVMCB2	22	313200 P008	102	1P	1P
CH	PACS S01-16 B 3 . S611c		PX1.S -		P611	X01CC-28	4	611c-1		CS-611c-1	HPSVMCB2	22	313200 P008	111	1P	1P
-																
033	PACS S01-16 B 3 . REF05		PX1.S -		P611	X01CC-28	5	611c-2	C	TP3CC-28	HPSVMCB2	22	313200 P008	113	1P	1P
015	PACS S01-16 B 3 . S05		PX1.S -		P611	X01CC-28	5	611c-2	C	TP3CC-28	HPSVMCB2	22	313200 P008	103	1P	1P

Pin Allocation List (Harness)

Connector: 132300 P007
HPBOLC

Function / Bundle: BOLC to FPUSIH-XP-07 (611)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S01-16 B 3 . REF04		PX1.S -		P611	X01CC-28	5	611c-2	D	TP3CC-28	HPSVMCB2	22	313200 P008	091	1P	1P
016	PACS S01-16 B 3 . S04		PX1.S -		P611	X01CC-28	5	611c-2	D	TP3CC-28	HPSVMCB2	22	313200 P008	080	1P	1P
035	PACS S01-16 B 3 . REF03		PX1.S -		P611	X01CC-28	5	611c-2	E	TP3CC-28	HPSVMCB2	22	313200 P008	114	1P	1P
017	PACS S01-16 B 3 . S03		PX1.S -		P611	X01CC-28	5	611c-2	E	TP3CC-28	HPSVMCB2	22	313200 P008	104	1P	1P
CH	PACS S01-16 B 3 . S611c		PX1.S -		P611	X01CC-28	5	611c-2		CS-6111c-2	HPSVMCB2	22	313200 P008	111	1P	1P
-																
036	PACS S01-16 B 3 . REF02		PX1.S -		P611	X01CC-28	6	611c-3	F	TP2CC-28	HPSVMCB2	22	313200 P008	092	1P	1P
018	PACS S01-16 B 3 . S02		PX1.S -		P611	X01CC-28	6	611c-3	F	TP2CC-28	HPSVMCB2	22	313200 P008	093	1P	1P
037	PACS S01-16 B 3 . REF01		PX1.S -		P611	X01CC-28	6	611c-3	G	TP2CC-28	HPSVMCB2	22	313200 P008	069	1P	1P
019	PACS S01-16 B 3 . S01		PX1.S -		P611	X01CC-28	6	611c-3	G	TP2CC-28	HPSVMCB2	22	313200 P008	081	1P	1P
CH	PACS S01-16 B 3 . S611c		PX1.S -		P611	X01CC-28	6	611c-3		CS-611c-3	HPSVMCB2	22	313200 P008	111	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132300 P008
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-07 (612)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S17-32 B 3 . REF32		PX1.S -		P612	X01CC-28	1	612b-1	1	TP2CC-28	HPSVMCB2	22	313200 P008	026	1P	1P
004	PACS S17-32 B 3 . S32		PX1.S -		P612	X01CC-28	1	612b-1	1	TP2CC-28	HPSVMCB2	22	313200 P008	015	1P	1P
023	PACS S17-32 B 3 . REF31		PX1.S -		P612	X01CC-28	1	612b-1	2	TP2CC-28	HPSVMCB2	22	313200 P008	016	1P	1P
005	PACS S17-32 B 3 . S31		PX1.S -		P612	X01CC-28	1	612b-1	2	TP2CC-28	HPSVMCB2	22	313200 P008	027	1P	1P
CH	PACS S17-32 B 3 . S612b		PX1.S -		P612	X01CC-28	1	612b-1		CS-612b-1	HPSVMCB2	22	313200 P008	025	1P	1P
-																
024	PACS S17-32 B 3 . REF30		PX1.S -		P612	X01CC-28	2	612b-2	3	TP3CC-28	HPSVMCB2	22	313200 P008	008	1P	1P
006	PACS S17-32 B 3 . S30		PX1.S -		P612	X01CC-28	2	612b-2	3	TP3CC-28	HPSVMCB2	22	313200 P008	001	1P	1P
025	PACS S17-32 B 3 . REF29		PX1.S -		P612	X01CC-28	2	612b-2	4	TP3CC-28	HPSVMCB2	22	313200 P008	028	1P	1P
007	PACS S17-32 B 3 . S29		PX1.S -		P612	X01CC-28	2	612b-2	4	TP3CC-28	HPSVMCB2	22	313200 P008	017	1P	1P
026	PACS S17-32 B 3 . REF28		PX1.S -		P612	X01CC-28	2	612b-2	5	TP3CC-28	HPSVMCB2	22	313200 P008	009	1P	1P
008	PACS S17-32 B 3 . S28		PX1.S -		P612	X01CC-28	2	612b-2	5	TP3CC-28	HPSVMCB2	22	313200 P008	002	1P	1P
CH	PACS S17-32 B 3 . S612b		PX1.S -		P612	X01CC-28	2			CS-612b-2	HPSVMCB2	22	313200 P008	025	1P	1P
-																
027	PACS S17-32 B 3 . REF27		PX1.S -		P612	X01CC-28	3	612b-3	6	TP3CC-28	HPSVMCB2	22	313200 P008	018	1P	1P
009	PACS S17-32 B 3 . S27		PX1.S -		P612	X01CC-28	3	612b-3	6	TP3CC-28	HPSVMCB2	22	313200 P008	010	1P	1P
028	PACS S17-32 B 3 . REF26		PX1.S -		P612	X01CC-28	3	612b-3	7	TP3CC-28	HPSVMCB2	22	313200 P008	003	1P	1P
010	PACS S17-32 B 3 . S26		PX1.S -		P612	X01CC-28	3	612b-3	7	TP3CC-28	HPSVMCB2	22	313200 P008	004	1P	1P
029	PACS S17-32 B 3 . REF25		PX1.S -		P612	X01CC-28	3	612b-3	8	TP3CC-28	HPSVMCB2	22	313200 P008	011	1P	1P
011	PACS S17-32 B 3 . S25		PX1.S -		P612	X01CC-28	3	612b-3	8	TP3CC-28	HPSVMCB2	22	313200 P008	019	1P	1P
CH	PACS S17-32 B 3 . S612b		PX1.S -		P612	X01CC-28	3	612b-3		CS-612b-3	HPSVMCB2	22	313200 P008	025	1P	1P
-																
030	PACS S17-32 B 3 . REF24		PX1.S -		P612	X01CC-28	4	612c-1	9	TP3CC-28	HPSVMCB2	22	313200 P008	006	1P	1P
012	PACS S17-32 B 3 . S24		PX1.S -		P612	X01CC-28	4	612c-1	9	TP3CC-28	HPSVMCB2	22	313200 P008	005	1P	1P
031	PACS S17-32 B 3 . REF23		PX1.S -		P612	X01CC-28	4	612c-1	A	TP3CC-28	HPSVMCB2	22	313200 P008	013	1P	1P
013	PACS S17-32 B 3 . S23		PX1.S -		P612	X01CC-28	4	612c-1	A	TP3CC-28	HPSVMCB2	22	313200 P008	007	1P	1P
032	PACS S17-32 B 3 . REF22		PX1.S -		P612	X01CC-28	4	612c-1	B	TP3CC-28	HPSVMCB2	22	313200 P008	014	1P	1P
014	PACS S17-32 B 3 . S22		PX1.S -		P612	X01CC-28	4	612c-1	B	TP3CC-28	HPSVMCB2	22	313200 P008	023	1P	1P
CH	PACS S17-32 B 3 . S612c		PX1.S -		P612	X01CC-28	4	612c-1		CS-612c-1	HPSVMCB2	22	313200 P008	012	1P	1P
-																
033	PACS S17-32 B 3 . REF21		PX1.S -		P612	X01CC-28	5	612c-2	C	TP3CC-28	HPSVMCB2	22	313200 P008	022	1P	1P
015	PACS S17-32 B 3 . S21		PX1.S -		P612	X01CC-28	5	612c-2	C	TP3CC-28	HPSVMCB2	22	313200 P008	033	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P008
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-07 (612)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S17-32 B 3 . REF20		PX1.S -		P612	X01CC-28	5	612c-2	D	TP3CC-28	HPSVMCB2	22	313200 P008	034	1P	1P
016	PACS S17-32 B 3 . S20		PX1.S -		P612	X01CC-28	5	612c-2	D	TP3CC-28	HPSVMCB2	22	313200 P008	024	1P	1P
035	PACS S17-32 B 3 . REF19		PX1.S -		P612	X01CC-28	5	612c-2	E	TP3CC-28	HPSVMCB2	22	313200 P008	045	1P	1P
017	PACS S17-32 B 3 . S19		PX1.S -		P612	X01CC-28	5	612c-2	E	TP3CC-28	HPSVMCB2	22	313200 P008	046	1P	1P
CH	PACS S17-32 B 3 . S612c		PX1.S -		P612	X01CC-28	5	612c-2		CS-612c-2	HPSVMCB2	22	313200 P008	012	1P	1P
-																
036	PACS S17-32 B 3 . REF18		PX1.S -		P612	X01CC-28	6	612c-3	F	TP2CC-28	HPSVMCB2	22	313200 P008	035	1P	1P
018	PACS S17-32 B 3 . S18		PX1.S -		P612	X01CC-28	6	612c-3	F	TP2CC-28	HPSVMCB2	22	313200 P008	047	1P	1P
037	PACS S17-32 B 3 . REF17		PX1.S -		P612	X01CC-28	6	612c-3	G	TP2CC-28	HPSVMCB2	22	313200 P008	058	1P	1P
019	PACS S17-32 B 3 . S17		PX1.S -		P612	X01CC-28	6	612c-3	G	TP2CC-28	HPSVMCB2	22	313200 P008	057	1P	1P
CH	PACS S17-32 B 3 . S612c		PX1.S -		P612	X01CC-28	6	612c-3		CS-612c-3	HPSVMCB2	22	313200 P008	012	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132300 P009
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-07 (613-615)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FL Clock B 3 . VGDEC		PX6.S -		P615	X05CC-28	1	615-2		TS3CC-28	HPSVMCB2	22	313200 P008	096	1P	1P
020	PACS FL Clock B 3 . VSEL		PX6.S -		P615	X05CC-28	1	615-2		TS3CC-28	HPSVMCB2	22	313200 P008	084	1P	1P
002	PACS FL Clock B 3 . VGSEL		PX6.S -		P615	X05CC-28	1	615-2		TS3CC-28	HPSVMCB2	22	313200 P008	097	1P	1P
CH	PACS FL Clock B 3 . SH615		PX6.S -		P615	X05CC-28	1	615-2		CS-615-2	HPSVMCB2	22	313200 P008	072	1P	1P
-																
021	PACS FL Clock B 3 . AD6		PX6.S -		P615	X05CC-28	2	6115-1		TS7CC-28	HPSVMCB2	22	313200 P008	085	1P	1P
003	PACS FL Clock B 3 . AD5		PX6.S -		P615	X05CC-28	2	6115-1		TS7CC-28	HPSVMCB2	22	313200 P008	098	1P	1P
022	PACS FL Clock B 3 . AD4		PX6.S -		P615	X05CC-28	2	6115-1		TS7CC-28	HPSVMCB2	22	313200 P008	086	1P	1P
004	PACS FL Clock B 3 . AD3		PX6.S -		P615	X05CC-28	2	6115-1		TS7CC-28	HPSVMCB2	22	313200 P008	099	1P	1P
023	PACS FL Clock B 3 . AD2		PX6.S -		P615	X05CC-28	2	6115-1		TS7CC-28	HPSVMCB2	22	313200 P008	087	1P	1P
005	PACS FL Clock B 3 . AD1		PX6.S -		P615	X05CC-28	2	6115-1		TS7CC-28	HPSVMCB2	22	313200 P008	100	1P	1P
024	PACS FL Clock B 3 . AD0		PX6.S -		P615	X05CC-28	2	6115-1		TS7CC-28	HPSVMCB2	22	313200 P008	088	1P	1P
CH	PACS FL Clock B 3 . SH615		PX6.S -		P615	X05CC-28	2	6115-1		CS-615-1	HPSVMCB2	22	313200 P008	072	1P	1P
-																
006	PACS Fil LL CLK B 3 . VSMS		PX4.S -		P614	TS3CC-28	3				HPSVMCB2	22	313200 P008	040	1P	1P
025	PACS Fil LL CLK B 3 . CKRI		PX4.S -		P614	TS3CC-28	3				HPSVMCB2	22	313200 P008	051		
007	PACS Fil LL CLK B 3 . VDECX		PX4.S -		P614	TS3CC-28	3				HPSVMCB2	22	313200 P008	052		
CH	PACS Fil LL CLK B 3 . SH614		PX4.S -		P614	TS3CC-28	3			CS-P614	HPSVMCB2	22	313200 P008	050	1P	1P
-																
026	PACS Fil Bias B 3 . VHB		PX2.S -		P613	X03CC-28	4	613-3		TS7CC-28	HPSVMCB2	22	313200 P008	068	1P	1P
008	PACS Fil Bias B 3 . VTRIL		PX2.S -		P613	X03CC-28	4	613-3		TS7CC-28	HPSVMCB2	22	313200 P008	079	1P	1P
027	PACS Fil Bias B 3 . GNDCL		PX2.S -		P613	X03CC-28	4	613-3		TS7CC-28	HPSVMCB2	22	313200 P008	056	1P	1P
009	PACS Fil Bias B 3 . VDPRO		PX2.S -		P613	X03CC-28	4	613-3		TS7CC-28	HPSVMCB2	22	313200 P008	067	1P	1P
028	PACS Fil Bias B 3 . VH		PX2.S -		P613	X03CC-28	4	613-3		TS7CC-28	HPSVMCB2	22	313200 P008	090	1P	1P
010	PACS Fil Bias B 3 . VL		PX2.S -		P613	X03CC-28	4	613-3		TS7CC-28	HPSVMCB2	22	313200 P008	078	1P	1P
029	PACS Fil Bias B 3 . VRL		PX2.S -		P613	X03CC-28	4	613-3		TS7CC-28	HPSVMCB2	22	313200 P008	101	1P	1P
CH	PACS Fil Bias B 3 . SH613		PX2.S -		P613	X03CC-28	4	613-3		CS-613-3	HPSVMCB2	22	313200 P008	064	1P	1P
-																
011	PACS Fil Bias B 3 . VCH		PX2.S -		P613	X03CC-28	5	613-2		TS6CC-28	HPSVMCB2	22	313200 P008	089	1P	1P
030	PACS Fil Bias B 3 . VSS		PX2.S -		P613	X03CC-28	5	613-2		TS6CC-28	HPSVMCB2	22	313200 P008	055	1P	1P
012	PACS Fil Bias B 3 . VDL		PX2.S -		P613	X03CC-28	5	613-2		TS6CC-28	HPSVMCB2	22	313200 P008	044	1P	1P
031	PACS Fil Bias B 3 . VINJ		PX2.S -		P613	X03CC-28	5	613-2		TS6CC-28	HPSVMCB2	22	313200 P008	043	1P	1P
013	PACS Fil Bias B 3 . VGL		PX2.S -		P613	X03CC-28	5	613-2		TS6CC-28	HPSVMCB2	22	313200 P008	032	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P009
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-07 (613-615)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
032	PACS Fil Bias B 3 . VDD		PX2.S -		P613	X03CC-28	5	613-2		TS6CC-28	HPSVMCB2	22	313200 P008	066	1P 1P
CH	PACS Fil Bias B 3 . SH613		PX2.S -		P613	X03CC-28	5	613-2		CS-613-2	HPSVMCB2	22	313200 P008	064	1P 1P
-															
014	PACS Fil Bias B 3 . VSSBU		PX2.S -		P613	X03CC-28	6	613-1		TS6CC-28	HPSVMCB2	22	313200 P008	041	1P 1P
033	PACS Fil Bias B 3 . GNDBU		PX2.S -		P613	X03CC-28	6	613-1		TS6CC-28	HPSVMCB2	22	313200 P008	077	1P 1P
015	PACS Fil Bias B 3 . VDLBU		PX2.S -		P613	X03CC-28	6	613-1		TS6CC-28	HPSVMCB2	22	313200 P008	053	1P 1P
034	PACS Fil Bias B 3 . VPRBU		PX2.S -		P613	X03CC-28	6	613-1		TS6CC-28	HPSVMCB2	22	313200 P008	065	1P 1P
016	PACS Fil Bias B 3 . VGLBU		PX2.S -		P613	X03CC-28	6	613-1		TS6CC-28	HPSVMCB2	22	313200 P008	054	1P 1P
035	PACS Fil Bias B 3 . VGG		PX2.S -		P613	X03CC-28	6	613-1		TS6CC-28	HPSVMCB2	22	313200 P008	042	1P 1P
CH	PACS Fil Bias B 3 . SH613		PX2.S -		P613	X03CC-28	6	613-1		CS-613-1	HPSVMCB2	22	313200 P008	064	1P 1P
017	NC		-												
036	NC		-												
018	NC		-												
037	NC		-												
019	NC		-												
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 313200 P002
HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
105	PACS S01-16 B 4 . REF16		PX1.S -		P616	X01CC-28	1	616b-1	1	TP2CC-28	HPBOLC	18	132300 P010	022	1P	1P
115	PACS S01-16 B 4 . S16		PX1.S -		P616	X01CC-28	1	616b-1	1	TP2CC-28	HPBOLC	18	132300 P010	004	1P	1P
106	PACS S01-16 B 4 . REF15		PX1.S -		P616	X01CC-28	1	616b-1	2	TP2CC-28	HPBOLC	18	132300 P010	023	1P	1P
107	PACS S01-16 B 4 . S15		PX1.S -		P616	X01CC-28	1	616b-1	2	TP2CC-28	HPBOLC	18	132300 P010	005	1P	1P
094	PACS S01-16 B 4 . S616b		PX1.S -		P616	X01CC-28	1	616b-1		CS-616b-1	HPBOLC	18	132300 P010	CH	1P	1P
-																
122	PACS S01-16 B 4 . REF14		PX1.S -		P616	X01CC-28	2	616b-2	3	TP3CC-28	HPBOLC	18	132300 P010	024	1P	1P
123	PACS S01-16 B 4 . S14		PX1.S -		P616	X01CC-28	2	616b-2	3	TP3CC-28	HPBOLC	18	132300 P010	006	1P	1P
116	PACS S01-16 B 4 . REF13		PX1.S -		P616	X01CC-28	2	616b-2	4	TP3CC-28	HPBOLC	18	132300 P010	025	1P	1P
117	PACS S01-16 B 4 . S13		PX1.S -		P616	X01CC-28	2	616b-2	4	TP3CC-28	HPBOLC	18	132300 P010	007	1P	1P
108	PACS S01-16 B 4 . REF12		PX1.S -		P616	X01CC-28	2	616b-2	5	TP3CC-28	HPBOLC	18	132300 P010	026	1P	1P
109	PACS S01-16 B 4 . S12		PX1.S -		P616	X01CC-28	2	616b-2	5	TP3CC-28	HPBOLC	18	132300 P010	008	1P	1P
094	PACS S01-16 B 4 . S616b		PX1.S -		P616	X01CC-28	2	616b-2		CS-616b-2	HPBOLC	18	132300 P010	CH	1P	1P
-																
124	PACS S01-16 B 4 . REF11		PX1.S -		P616	X01CC-28	3	616b-3	6	TP3CC-28	HPBOLC	18	132300 P010	027	1P	1P
125	PACS S01-16 B 4 . S11		PX1.S -		P616	X01CC-28	3	616b-3	6	TP3CC-28	HPBOLC	18	132300 P010	009	1P	1P
118	PACS S01-16 B 4 . REF10		PX1.S -		P616	X01CC-28	3	616b-3	7	TP3CC-28	HPBOLC	18	132300 P010	028	1P	1P
110	PACS S01-16 B 4 . S10		PX1.S -		P616	X01CC-28	3	616b-3	7	TP3CC-28	HPBOLC	18	132300 P010	010	1P	1P
119	PACS S01-16 B 4 . REF09		PX1.S -		P616	X01CC-28	3	616b-3	8	TP3CC-28	HPBOLC	18	132300 P010	029	1P	1P
126	PACS S01-16 B 4 . S09		PX1.S -		P616	X01CC-28	3	616b-3	8	TP3CC-28	HPBOLC	18	132300 P010	011	1P	1P
094	PACS S01-16 B 4 . S616b		PX1.S -		P616	X01CC-28	3	616b-3		CS-616b-3	HPBOLC	18	132300 P010	CH	1P	1P
-																
127	PACS S01-16 B 4 . REF08		PX1.S -		P616	X01CC-28	4	616c-1	9	TP3CC-28	HPBOLC	18	132300 P010	030	1P	1P
120	PACS S01-16 B 4 . S08		PX1.S -		P616	X01CC-28	4	616c-1	9	TP3CC-28	HPBOLC	18	132300 P010	012	1P	1P
128	PACS S01-16 B 4 . REF07		PX1.S -		P616	X01CC-28	4	616c-1	A	TP3CC-28	HPBOLC	18	132300 P010	031	1P	1P
121	PACS S01-16 B 4 . S07		PX1.S -		P616	X01CC-28	4	616c-1	A	TP3CC-28	HPBOLC	18	132300 P010	013	1P	1P
112	PACS S01-16 B 4 . REF06		PX1.S -		P616	X01CC-28	4	616c-1	B	TP3CC-28	HPBOLC	18	132300 P010	032	1P	1P
102	PACS S01-16 B 4 . S06		PX1.S -		P616	X01CC-28	4	616c-1	B	TP3CC-28	HPBOLC	18	132300 P010	014	1P	1P
111	PACS S01-16 B 4 . S616c		PX1.S -		P616	X01CC-28	4	616c-1		CS-616c-1	HPBOLC	18	132300 P010	CH	1P	1P
-																
113	PACS S01-16 B 4 . REF05		PX1.S -		P616	X01CC-28	5	616c-2	C	TP3CC-28	HPBOLC	18	132300 P010	033	1P	1P
103	PACS S01-16 B 4 . S05		PX1.S -		P616	X01CC-28	5	616c-2	C	TP3CC-28	HPBOLC	18	132300 P010	015	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P002
 HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1	2
091	PACS S01-16 B 4 . REF04		PX1.S -		P616	X01CC-28	5	616c-2	D	TP3CC-28	HPBOLC	18	132300 P010	034	1P	1P
080	PACS S01-16 B 4 . S04		PX1.S -		P616	X01CC-28	5	616c-2	D	TP3CC-28	HPBOLC	18	132300 P010	016	1P	1P
114	PACS S01-16 B 4 . REF03		PX1.S -		P616	X01CC-28	5	616c-2	E	TP3CC-28	HPBOLC	18	132300 P010	035	1P	1P
104	PACS S01-16 B 4 . S03		PX1.S -		P616	X01CC-28	5	616c-2	E	TP3CC-28	HPBOLC	18	132300 P010	017	1P	1P
111	PACS S01-16 B 4 . S616c		PX1.S -		P616	X01CC-28	5	616c-2		CS-616c-2	HPBOLC	18	132300 P010	CH	1P	1P
-																
092	PACS S01-16 B 4 . REF02		PX1.S -		P616	X01CC-28	6	616c-3	F	TP2CC-28	HPBOLC	18	132300 P010	036	1P	1P
093	PACS S01-16 B 4 . S02		PX1.S -		P616	X01CC-28	6	616c-3	F	TP2CC-28	HPBOLC	18	132300 P010	018	1P	1P
069	PACS S01-16 B 4 . REF01		PX1.S -		P616	X01CC-28	6	616c-3	G	TP2CC-28	HPBOLC	18	132300 P010	037	1P	1P
081	PACS S01-16 B 4 . S01		PX1.S -		P616	X01CC-28	6	616c-3	G	TP2CC-28	HPBOLC	18	132300 P010	019	1P	1P
111	PACS S01-16 B 4 . S616c		PX1.S -		P616	X01CC-28	6	616c-3		CS-616c-3	HPBOLC	18	132300 P010	CH	1P	1P
-																
026	PACS S17-32 B 4 . REF32		PX1.S -		P617	X01CC-28	7	617b-1	H	TP2CC-28	HPBOLC	18	132300 P011	022	1P	1P
015	PACS S17-32 B 4 . S32		PX1.S -		P617	X01CC-28	7	617b-1	H	TP2CC-28	HPBOLC	18	132300 P011	004	1P	1P
016	PACS S17-32 B 4 . REF31		PX1.S -		P617	X01CC-28	7	617b-1	I	TP2CC-28	HPBOLC	18	132300 P011	023	1P	1P
027	PACS S17-32 B 4 . S31		PX1.S -		P617	X01CC-28	7	617b-1	I	TP2CC-28	HPBOLC	18	132300 P011	005	1P	1P
025	PACS S17-32 B 4 . S617b		PX1.S -		P617	X01CC-28	7	617b-1		CS-617b-1	HPBOLC	18	132300 P011	CH	1P	1P
-																
008	PACS S17-32 B 4 . REF30		PX1.S -		P617	X01CC-28	8	617b-2	K	TP3CC-28	HPBOLC	18	132300 P011	024	1P	1P
001	PACS S17-32 B 4 . S30		PX1.S -		P617	X01CC-28	8	617b-2	K	TP3CC-28	HPBOLC	18	132300 P011	006	1P	1P
028	PACS S17-32 B 4 . REF29		PX1.S -		P617	X01CC-28	8	617b-2	L	TP3CC-28	HPBOLC	18	132300 P011	025	1P	1P
017	PACS S17-32 B 4 . S29		PX1.S -		P617	X01CC-28	8	617b-2	L	TP3CC-28	HPBOLC	18	132300 P011	007	1P	1P
009	PACS S17-32 B 4 . REF28		PX1.S -		P617	X01CC-28	8	617b-2	M	TP3CC-28	HPBOLC	18	132300 P011	026	1P	1P
002	PACS S17-32 B 4 . S28		PX1.S -		P617	X01CC-28	8	617b-2	M	TP3CC-28	HPBOLC	18	132300 P011	008	1P	1P
025	PACS S17-32 B 4 . S617b		PX1.S -		P617	X01CC-28	8	617b-2		CS-617b-2	HPBOLC	18	132300 P011	CH	1P	1P
-																
018	PACS S17-32 B 4 . REF27		PX1.S -		P617	X01CC-28	9	617b-3	N	TP3CC-28	HPBOLC	18	132300 P011	027	1P	1P
010	PACS S17-32 B 4 . S27		PX1.S -		P617	X01CC-28	9	617b-3	N	TP3CC-28	HPBOLC	18	132300 P011	009	1P	1P
003	PACS S17-32 B 4 . REF26		PX1.S -		P617	X01CC-28	9	617b-3	P	TP3CC-28	HPBOLC	18	132300 P011	028	1P	1P
004	PACS S17-32 B 4 . S26		PX1.S -		P617	X01CC-28	9	617b-3	P	TP3CC-28	HPBOLC	18	132300 P011	010	1P	1P
011	PACS S17-32 B 4 . REF25		PX1.S -		P617	X01CC-28	9	617b-3	Q	TP3CC-28	HPBOLC	18	132300 P011	029	1P	1P
019	PACS S17-32 B 4 . S25		PX1.S -		P617	X01CC-28	9	617b-3	Q	TP3CC-28	HPBOLC	18	132300 P011	011	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P002
HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
025	PACS S17-32 B 4 . S617b		PX1.S -		P617	X01CC-28	9	617b-3		CS-617b-3	HPBOLC	18	132300 P011	CH	1P	1P
-																
006	PACS S17-32 B 4 . REF24		PX1.S -		P617	X01CC-28	10	617c-1 R		TP3CC-28	HPBOLC	18	132300 P011	030	1P	1P
005	PACS S17-32 B 4 . S24		PX1.S -		P617	X01CC-28	10	617c-1 R		TP3CC-28	HPBOLC	18	132300 P011	012	1P	1P
013	PACS S17-32 B 4 . REF23		PX1.S -		P617	X01CC-28	10	617c-1 S		TP3CC-28	HPBOLC	18	132300 P011	031	1P	1P
007	PACS S17-32 B 4 . S23		PX1.S -		P617	X01CC-28	10	617c-1 S		TP3CC-28	HPBOLC	18	132300 P011	013	1P	1P
014	PACS S17-32 B 4 . REF22		PX1.S -		P617	X01CC-28	10	617c-1 T		TP3CC-28	HPBOLC	18	132300 P011	032	1P	1P
023	PACS S17-32 B 4 . S22		PX1.S -		P617	X01CC-28	10	617c-1 T		TP3CC-28	HPBOLC	18	132300 P011	014	1P	1P
012	PACS S17-32 B 4 . S617c		PX1.S -		P617	X01CC-28	10	617c-1		CS-617c-1	HPBOLC	18	132300 P011	CH	1P	1P
-																
022	PACS S17-32 B 4 . REF21		PX1.S -		P617	X01CC-28	11	617c-2 U		TP3CC-28	HPBOLC	18	132300 P011	033	1P	1P
033	PACS S17-32 B 4 . S21		PX1.S -		P617	X01CC-28	11	617c-2 U		TP3CC-28	HPBOLC	18	132300 P011	015	1P	1P
034	PACS S17-32 B 4 . REF20		PX1.S -		P617	X01CC-28	11	617c-2 V		TP3CC-28	HPBOLC	18	132300 P011	034	1P	1P
024	PACS S17-32 B 4 . S20		PX1.S -		P617	X01CC-28	11	617c-2 V		TP3CC-28	HPBOLC	18	132300 P011	016	1P	1P
045	PACS S17-32 B 4 . REF19		PX1.S -		P617	X01CC-28	11	617c-2 W		TP3CC-28	HPBOLC	18	132300 P011	035	1P	1P
046	PACS S17-32 B 4 . S19		PX1.S -		P617	X01CC-28	11	617c-2 W		TP3CC-28	HPBOLC	18	132300 P011	017	1P	1P
012	PACS S17-32 B 4 . S617c		PX1.S -		P617	X01CC-28	11	617c-2		CS-617c-2	HPBOLC	18	132300 P011	CH	1P	1P
-																
035	PACS S17-32 B 4 . REF18		PX1.S -		P617	X01CC-28	12	617c-3 X		TP2CC-28	HPBOLC	18	132300 P011	036	1P	1P
047	PACS S17-32 B 4 . S18		PX1.S -		P617	X01CC-28	12	617c-3 X		TP2CC-28	HPBOLC	18	132300 P011	018	1P	1P
058	PACS S17-32 B 4 . REF17		PX1.S -		P617	X01CC-28	12	617c-3 Y		TP2CC-28	HPBOLC	18	132300 P011	037	1P	1P
057	PACS S17-32 B 4 . S17		PX1.S -		P617	X01CC-28	12	617c-3 Y		TP2CC-28	HPBOLC	18	132300 P011	019	1P	1P
012	PACS S17-32 B 4 . S617c		PX1.S -		P617	X01CC-28	12	617c-3		CS-617c-3	HPBOLC	18	132300 P011	CH	1P	1P
-																
096	PACS FL Clock B 4 . VGDEC		PX6.S -		P620	X05CC-28	13	620-2		TS3CC-28	HPBOLC	18	132300 P012	001	1P	1P
084	PACS FL Clock B 4 . VSEL		PX6.S -		P620	X05CC-28	13	620-2		TS3CC-28	HPBOLC	18	132300 P012	020	1P	1P
097	PACS FL Clock B 4 . VGSEL		PX6.S -		P620	X05CC-28	13	620-2		TS3CC-28	HPBOLC	18	132300 P012	002	1P	1P
072	PACS FL Clock B 4 . SH620		PX6.S -		P620	X05CC-28	13	620-2		CS-620-2	HPBOLC	18	132300 P012	CH	1P	1P
-																
085	PACS FL Clock B 4 . AD6		PX6.S -		P620	X05CC-28	14	620-1		TS7CC-28	HPBOLC	18	132300 P012	021	1P	1P
098	PACS FL Clock B 4 . AD5		PX6.S -		P620	X05CC-28	14	620-1		TS7CC-28	HPBOLC	18	132300 P012	003	1P	1P
086	PACS FL Clock B 4 . AD4		PX6.S -		P620	X05CC-28	14	620-1		TS7CC-28	HPBOLC	18	132300 P012	022	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P002
 HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
099	PACS FL Clock B 4 . AD3		PX6.S -		P620	X05CC-28	14	620-1		TS7CC-28	HPBOLC	18	132300 P012	004	1P	1P
087	PACS FL Clock B 4 . AD2		PX6.S -		P620	X05CC-28	14	620-1		TS7CC-28	HPBOLC	18	132300 P012	023	1P	1P
100	PACS FL Clock B 4 . AD1		PX6.S -		P620	X05CC-28	14	620-1		TS7CC-28	HPBOLC	18	132300 P012	005	1P	1P
088	PACS FL Clock B 4 . AD0		PX6.S -		P620	X05CC-28	14	620-1		TS7CC-28	HPBOLC	18	132300 P012	024	1P	1P
072	PACS FL Clock B 4 . SH620		PX6.S -		P620	X05CC-28	14	620-1		CS-620-1	HPBOLC	18	132300 P012	CH	1P	1P
-																
040	PACS Fil LL CLK B 4 . VSMS		PX4.S -		P619	TS3CC-28	15				HPBOLC	18	132300 P012	006	1P	1P
051	PACS Fil LL CLK B 4 . CKRI		PX4.S -		P619	TS3CC-28	15				HPBOLC	18	132300 P012	025	1P	
052	PACS Fil LL CLK B 4 . VDECX		PX4.S -		P619	TS3CC-28	15				HPBOLC	18	132300 P012	007	1P	
050	PACS Fil LL CLK B 4 . SH619		PX4.S -		P619	TS3CC-28	15		CS-P619		HPBOLC	18	132300 P012	CH	1P	1P
-																
068	PACS Fil Bias B 4 . VHB		PX2.S -		P618	X03CC-28	16	618-3		TS7CC-28	HPBOLC	18	132300 P012	026	1P	1P
079	PACS Fil Bias B 4 . VTRIL		PX2.S -		P618	X03CC-28	16	618-3		TS7CC-28	HPBOLC	18	132300 P012	008	1P	1P
056	PACS Fil Bias B 4 . GNDCL		PX2.S -		P618	X03CC-28	16	618-3		TS7CC-28	HPBOLC	18	132300 P012	027	1P	1P
067	PACS Fil Bias B 4 . VDPRO		PX2.S -		P618	X03CC-28	16	618-3		TS7CC-28	HPBOLC	18	132300 P012	009	1P	1P
090	PACS Fil Bias B 4 . VH		PX2.S -		P618	X03CC-28	16	618-3		TS7CC-28	HPBOLC	18	132300 P012	028	1P	1P
078	PACS Fil Bias B 4 . VL		PX2.S -		P618	X03CC-28	16	618-3		TS7CC-28	HPBOLC	18	132300 P012	010	1P	1P
101	PACS Fil Bias B 4 . VRL		PX2.S -		P618	X03CC-28	16	618-3		TS7CC-28	HPBOLC	18	132300 P012	029	1P	1P
064	PACS Fil Bias B 4 . SH618		PX2.S -		P618	X03CC-28	16	618-3		CS-618-3	HPBOLC	18	132300 P012	CH	1P	1P
-																
089	PACS Fil Bias B 4 . VCH		PX2.S -		P618	X03CC-28	17	618-2		TS6CC-28	HPBOLC	18	132300 P012	011	1P	1P
055	PACS Fil Bias B 4 . VSS		PX2.S -		P618	X03CC-28	17	618-2		TS6CC-28	HPBOLC	18	132300 P012	030	1P	1P
044	PACS Fil Bias B 4 . VDL		PX2.S -		P618	X03CC-28	17	618-2		TS6CC-28	HPBOLC	18	132300 P012	012	1P	1P
043	PACS Fil Bias B 4 . VINJ		PX2.S -		P618	X03CC-28	17	618-2		TS6CC-28	HPBOLC	18	132300 P012	031	1P	1P
032	PACS Fil Bias B 4 . VGL		PX2.S -		P618	X03CC-28	17	618-2		TS6CC-28	HPBOLC	18	132300 P012	013	1P	1P
066	PACS Fil Bias B 4 . VDD		PX2.S -		P618	X03CC-28	17	618-2		TS6CC-28	HPBOLC	18	132300 P012	032	1P	1P
064	PACS Fil Bias B 4 . SH618		PX2.S -		P618	X03CC-28	17	618-2		CS-618-2	HPBOLC	18	132300 P012	CH	1P	1P
-																
077	PACS Fil Bias B 4 . GNDBU		PX2.S -		P618	X03CC-28	18	618-1		TS6CC-28	HPBOLC	18	132300 P012	033	1P	1P
065	PACS Fil Bias B 4 . VPRBU		PX2.S -		P618	X03CC-28	18	618-1		TS6CC-28	HPBOLC	18	132300 P012	034	1P	1P
054	PACS Fil Bias B 4 . VGLBU		PX2.S -		P618	X03CC-28	18	618-1		TS6CC-28	HPBOLC	18	132300 P012	016	1P	1P
042	PACS Fil Bias B 4 . VGG		PX2.S -		P618	X03CC-28	18	618-1		TS6CC-28	HPBOLC	18	132300 P012	035	1P	1P
041	PACS Fil Bias B 4 . VSSBU		PX2.S -		P618	X03CC-28	18	618-1		TS6CC-28	HPBOLC	18	132300 P012	014	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 383 (of 464)

Connector: 313200 P002
 HPSVMCB2

Function / Bundle: SIH-XP-08 (616b/c;617b/c;618/b;619;620)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
053	PACS Fil Bias B 4 . VDLBU		PX2.S -		P618	X03CC-28	18	618-1		TS6CC-28	HPBOLC	18	132300 P012	015	1P 1P
064	PACS Fil Bias B 4 . SH618		PX2.S -		P618	X03CC-28	18	618-1		CS-618-1	HPBOLC	18	132300 P012	CH	1P 1P
-			-												
030	Daisy chain to pin 064		-							Daisy chain pin 030 & pin 064					1P
-			-												1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 384 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132300 P012
HPBOLC

Function / Bundle: BOLC to FPUSIH-XP-08 (618-620)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FL Clock B 4 . VGDEC	PX6.S	-		P620	X05CC-28	1	620-2		TS3CC-28	HPSVMCB2	22	313200 P002	096	1P	1P
020	PACS FL Clock B 4 . VSEL	PX6.S	-		P620	X05CC-28	1	620-2		TS3CC-28	HPSVMCB2	22	313200 P002	084	1P	1P
002	PACS FL Clock B 4 . VGSEL	PX6.S	-		P620	X05CC-28	1	620-2		TS3CC-28	HPSVMCB2	22	313200 P002	097	1P	1P
CH	PACS FL Clock B 4 . SH620	PX6.S	-		P620	X05CC-28	1	620-2		CS-620-2	HPSVMCB2	22	313200 P002	072	1P	1P
-																
021	PACS FL Clock B 4 . AD6	PX6.S	-		P620	X05CC-28	2	620-1		TS7CC-28	HPSVMCB2	22	313200 P002	085	1P	1P
003	PACS FL Clock B 4 . AD5	PX6.S	-		P620	X05CC-28	2	620-1		TS7CC-28	HPSVMCB2	22	313200 P002	098	1P	1P
022	PACS FL Clock B 4 . AD4	PX6.S	-		P620	X05CC-28	2	620-1		TS7CC-28	HPSVMCB2	22	313200 P002	086	1P	1P
004	PACS FL Clock B 4 . AD3	PX6.S	-		P620	X05CC-28	2	620-1		TS7CC-28	HPSVMCB2	22	313200 P002	099	1P	1P
023	PACS FL Clock B 4 . AD2	PX6.S	-		P620	X05CC-28	2	620-1		TS7CC-28	HPSVMCB2	22	313200 P002	087	1P	1P
005	PACS FL Clock B 4 . AD1	PX6.S	-		P620	X05CC-28	2	620-1		TS7CC-28	HPSVMCB2	22	313200 P002	100	1P	1P
024	PACS FL Clock B 4 . AD0	PX6.S	-		P620	X05CC-28	2	620-1		TS7CC-28	HPSVMCB2	22	313200 P002	088	1P	1P
CH	PACS FL Clock B 4 . SH620	PX6.S	-		P620	X05CC-28	2	620-1		CS-620-1	HPSVMCB2	22	313200 P002	072	1P	1P
-																
006	PACS Fil LL CLK B 4 . VSMS	PX4.S	-		P619	TS3CC-28	3				HPSVMCB2	22	313200 P002	040	1P	1P
025	PACS Fil LL CLK B 4 . CKRI	PX4.S	-		P619	TS3CC-28	3				HPSVMCB2	22	313200 P002	051		1P
007	PACS Fil LL CLK B 4 . VDECX	PX4.S	-		P619	TS3CC-28	3				HPSVMCB2	22	313200 P002	052		1P
CH	PACS Fil LL CLK B 4 . SH619	PX4.S	-		P619	TS3CC-28	3			CS-P619	HPSVMCB2	22	313200 P002	050	1P	1P
-																
026	PACS Fil Bias B 4 . VHB	PX2.S	-		P618	X03CC-28	4	618-3		TS7CC-28	HPSVMCB2	22	313200 P002	068	1P	1P
008	PACS Fil Bias B 4 . VTRIL	PX2.S	-		P618	X03CC-28	4	618-3		TS7CC-28	HPSVMCB2	22	313200 P002	079	1P	1P
027	PACS Fil Bias B 4 . GNDCL	PX2.S	-		P618	X03CC-28	4	618-3		TS7CC-28	HPSVMCB2	22	313200 P002	056	1P	1P
009	PACS Fil Bias B 4 . VDPRO	PX2.S	-		P618	X03CC-28	4	618-3		TS7CC-28	HPSVMCB2	22	313200 P002	067	1P	1P
028	PACS Fil Bias B 4 . VH	PX2.S	-		P618	X03CC-28	4	618-3		TS7CC-28	HPSVMCB2	22	313200 P002	090	1P	1P
010	PACS Fil Bias B 4 . VL	PX2.S	-		P618	X03CC-28	4	618-3		TS7CC-28	HPSVMCB2	22	313200 P002	078	1P	1P
029	PACS Fil Bias B 4 . VRL	PX2.S	-		P618	X03CC-28	4	618-3		TS7CC-28	HPSVMCB2	22	313200 P002	101	1P	1P
CH	PACS Fil Bias B 4 . SH618	PX2.S	-		P618	X03CC-28	4	618-3		CS-618-3	HPSVMCB2	22	313200 P002	064	1P	1P
-																
011	PACS Fil Bias B 4 . VCH	PX2.S	-		P618	X03CC-28	5	618-2		TS6CC-28	HPSVMCB2	22	313200 P002	089	1P	1P
030	PACS Fil Bias B 4 . VSS	PX2.S	-		P618	X03CC-28	5	618-2		TS6CC-28	HPSVMCB2	22	313200 P002	055	1P	1P
012	PACS Fil Bias B 4 . VDL	PX2.S	-		P618	X03CC-28	5	618-2		TS6CC-28	HPSVMCB2	22	313200 P002	044	1P	1P
031	PACS Fil Bias B 4 . VINJ	PX2.S	-		P618	X03CC-28	5	618-2		TS6CC-28	HPSVMCB2	22	313200 P002	043	1P	1P
013	PACS Fil Bias B 4 . VGL	PX2.S	-		P618	X03CC-28	5	618-2		TS6CC-28	HPSVMCB2	22	313200 P002	032	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P012
 HPBOLC

Function / Bundle: BOLC to FPUSIH-XP-08 (618-620)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
032	PACS Fil Bias B 4 . VDD		PX2.S -		P618	X03CC-28	5	618-2		TS6CC-28	HPSVMCB2	22	313200 P002	066	1P 1P
CH	PACS Fil Bias B 4 . SH618		PX2.S -		P618	X03CC-28	5	618-2		CS-618-2	HPSVMCB2	22	313200 P002	064	1P 1P
-															
014	PACS Fil Bias B 4 . VSSBU		PX2.S -		P618	X03CC-28	6	618-1		TS6CC-28	HPSVMCB2	22	313200 P002	041	1P 1P
033	PACS Fil Bias B 4 . GNDBU		PX2.S -		P618	X03CC-28	6	618-1		TS6CC-28	HPSVMCB2	22	313200 P002	077	1P 1P
015	PACS Fil Bias B 4 . VDLBU		PX2.S -		P618	X03CC-28	6	618-1		TS6CC-28	HPSVMCB2	22	313200 P002	053	1P 1P
034	PACS Fil Bias B 4 . VPRBU		PX2.S -		P618	X03CC-28	6	618-1		TS6CC-28	HPSVMCB2	22	313200 P002	065	1P 1P
016	PACS Fil Bias B 4 . VGLBU		PX2.S -		P618	X03CC-28	6	618-1		TS6CC-28	HPSVMCB2	22	313200 P002	054	1P 1P
035	PACS Fil Bias B 4 . VGG		PX2.S -		P618	X03CC-28	6	618-1		TS6CC-28	HPSVMCB2	22	313200 P002	042	1P 1P
CH	PACS Fil Bias B 4 . SH618		PX2.S -		P618	X03CC-28	6	618-1		CSS-618-1	HPSVMCB2	22	313200 P002	064	1P 1P
017	NC		-												
036	NC		-												
018	NC		-												
037	NC		-												
019	NC		-												
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132300 P010
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-08 (616)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S01-16 B 4 . REF16		PX1.S -		P616	X01CC-28	1	616b-1	1	TP2CC-28	HPSVMCB2	22	313200 P002	105	1P	1P
004	PACS S01-16 B 4 . S16		PX1.S -		P616	X01CC-28	1	616b-1	1	TP2CC-28	HPSVMCB2	22	313200 P002	115	1P	1P
023	PACS S01-16 B 4 . REF15		PX1.S -		P616	X01CC-28	1	616b-1	2	TP2CC-28	HPSVMCB2	22	313200 P002	106	1P	1P
005	PACS S01-16 B 4 . S15		PX1.S -		P616	X01CC-28	1	616b-1	2	TP2CC-28	HPSVMCB2	22	313200 P002	107	1P	1P
CH	PACS S01-16 B 4 . S616b		PX1.S -		P616	X01CC-28	1	616b-1		CS-616b-1	HPSVMCB2	22	313200 P002	094	1P	1P
-																
024	PACS S01-16 B 4 . REF14		PX1.S -		P616	X01CC-28	2	616b-2	3	TP3CC-28	HPSVMCB2	22	313200 P002	122	1P	1P
006	PACS S01-16 B 4 . S14		PX1.S -		P616	X01CC-28	2	616b-2	3	TP3CC-28	HPSVMCB2	22	313200 P002	123	1P	1P
025	PACS S01-16 B 4 . REF13		PX1.S -		P616	X01CC-28	2	616b-2	4	TP3CC-28	HPSVMCB2	22	313200 P002	116	1P	1P
007	PACS S01-16 B 4 . S13		PX1.S -		P616	X01CC-28	2	616b-2	4	TP3CC-28	HPSVMCB2	22	313200 P002	117	1P	1P
026	PACS S01-16 B 4 . REF12		PX1.S -		P616	X01CC-28	2	616b-2	5	TP3CC-28	HPSVMCB2	22	313200 P002	108	1P	1P
008	PACS S01-16 B 4 . S12		PX1.S -		P616	X01CC-28	2	616b-2	5	TP3CC-28	HPSVMCB2	22	313200 P002	109	1P	1P
CH	PACS S01-16 B 4 . S616b		PX1.S -		P616	X01CC-28	2	616b-2		CS-616b-2	HPSVMCB2	22	313200 P002	094	1P	1P
-																
027	PACS S01-16 B 4 . REF11		PX1.S -		P616	X01CC-28	3	616b-3	6	TP3CC-28	HPSVMCB2	22	313200 P002	124	1P	1P
009	PACS S01-16 B 4 . S11		PX1.S -		P616	X01CC-28	3	616b-3	6	TP3CC-28	HPSVMCB2	22	313200 P002	125	1P	1P
028	PACS S01-16 B 4 . REF10		PX1.S -		P616	X01CC-28	3	616b-3	7	TP3CC-28	HPSVMCB2	22	313200 P002	118	1P	1P
010	PACS S01-16 B 4 . S10		PX1.S -		P616	X01CC-28	3	616b-3	7	TP3CC-28	HPSVMCB2	22	313200 P002	110	1P	1P
029	PACS S01-16 B 4 . REF09		PX1.S -		P616	X01CC-28	3	616b-3	8	TP3CC-28	HPSVMCB2	22	313200 P002	119	1P	1P
011	PACS S01-16 B 4 . S09		PX1.S -		P616	X01CC-28	3	616b-3	8	TP3CC-28	HPSVMCB2	22	313200 P002	126	1P	1P
CH	PACS S01-16 B 4 . S616b		PX1.S -		P616	X01CC-28	3	616b-3		CS-616b-3	HPSVMCB2	22	313200 P002	094	1P	1P
-																
030	PACS S01-16 B 4 . REF08		PX1.S -		P616	X01CC-28	4	616c-1	9	TP3CC-28	HPSVMCB2	22	313200 P002	127	1P	1P
012	PACS S01-16 B 4 . S08		PX1.S -		P616	X01CC-28	4	616c-1	9	TP3CC-28	HPSVMCB2	22	313200 P002	120	1P	1P
031	PACS S01-16 B 4 . REF07		PX1.S -		P616	X01CC-28	4	616c-1	A	TP3CC-28	HPSVMCB2	22	313200 P002	128	1P	1P
013	PACS S01-16 B 4 . S07		PX1.S -		P616	X01CC-28	4	616c-1	A	TP3CC-28	HPSVMCB2	22	313200 P002	121	1P	1P
032	PACS S01-16 B 4 . REF06		PX1.S -		P616	X01CC-28	4	616c-1	B	TP3CC-28	HPSVMCB2	22	313200 P002	112	1P	1P
014	PACS S01-16 B 4 . S06		PX1.S -		P616	X01CC-28	4	616c-1	B	TP3CC-28	HPSVMCB2	22	313200 P002	102	1P	1P
CH	PACS S01-16 B 4 . S616c		PX1.S -		P616	X01CC-28	4	616c-1		CS-616c-1	HPSVMCB2	22	313200 P002	111	1P	1P
-																
033	PACS S01-16 B 4 . REF05		PX1.S -		P616	X01CC-28	5	616c-2	C	TP3CC-28	HPSVMCB2	22	313200 P002	113	1P	1P
015	PACS S01-16 B 4 . S05		PX1.S -		P616	X01CC-28	5	616c-2	C	TP3CC-28	HPSVMCB2	22	313200 P002	103	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P010
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-08 (616)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S01-16 B 4 . REF04		PX1.S -		P616	X01CC-28	5	616c-2	D	TP3CC-28	HPSVMCB2	22	313200 P002	091	1P	1P
016	PACS S01-16 B 4 . S04		PX1.S -		P616	X01CC-28	5	616c-2	D	TP3CC-28	HPSVMCB2	22	313200 P002	080	1P	1P
035	PACS S01-16 B 4 . REF03		PX1.S -		P616	X01CC-28	5	616c-2	E	TP3CC-28	HPSVMCB2	22	313200 P002	114	1P	1P
017	PACS S01-16 B 4 . S03		PX1.S -		P616	X01CC-28	5	616c-2	E	TP3CC-28	HPSVMCB2	22	313200 P002	104	1P	1P
CH	PACS S01-16 B 4 . S616c		PX1.S -		P616	X01CC-28	5	616c-2		CS-616c-2	HPSVMCB2	22	313200 P002	111	1P	1P
-																
036	PACS S01-16 B 4 . REF02		PX1.S -		P616	X01CC-28	6	616c-3	F	TP2CC-28	HPSVMCB2	22	313200 P002	092	1P	1P
018	PACS S01-16 B 4 . S02		PX1.S -		P616	X01CC-28	6	616c-3	F	TP2CC-28	HPSVMCB2	22	313200 P002	093	1P	1P
037	PACS S01-16 B 4 . REF01		PX1.S -		P616	X01CC-28	6	616c-3	G	TP2CC-28	HPSVMCB2	22	313200 P002	069	1P	1P
019	PACS S01-16 B 4 . S01		PX1.S -		P616	X01CC-28	6	616c-3	G	TP2CC-28	HPSVMCB2	22	313200 P002	081	1P	1P
CH	PACS S01-16 B 4 . S616c		PX1.S -		P616	X01CC-28	6	616c-3		CS-616c-3	HPSVMCB2	22	313200 P002	111	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132300 P011
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-08 (617)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S17-32 B 4 . REF32		PX1.S -		P617	X01CC-28	1	617b-1	1	TP2CC-28	HPSVMCB2	22	313200 P002	026	1P	1P
004	PACS S17-32 B 4 . S32		PX1.S -		P617	X01CC-28	1	617b-1	1	TP2CC-28	HPSVMCB2	22	313200 P002	015	1P	1P
023	PACS S17-32 B 4 . REF31		PX1.S -		P617	X01CC-28	1	617b-1	2	TP2CC-28	HPSVMCB2	22	313200 P002	016	1P	1P
005	PACS S17-32 B 4 . S31		PX1.S -		P617	X01CC-28	1	617b-1	2	TP2CC-28	HPSVMCB2	22	313200 P002	027	1P	1P
CH	PACS S17-32 B 4 . S617b		PX1.S -		P617	X01CC-28	1	617b-1		CS-617b-1	HPSVMCB2	22	313200 P002	025	1P	1P
-																
024	PACS S17-32 B 4 . REF30		PX1.S -		P617	X01CC-28	2	617b-2	3	TP3CC-28	HPSVMCB2	22	313200 P002	008	1P	1P
006	PACS S17-32 B 4 . S30		PX1.S -		P617	X01CC-28	2	617b-2	3	TP3CC-28	HPSVMCB2	22	313200 P002	001	1P	1P
025	PACS S17-32 B 4 . REF29		PX1.S -		P617	X01CC-28	2	617b-2	4	TP3CC-28	HPSVMCB2	22	313200 P002	028	1P	1P
007	PACS S17-32 B 4 . S29		PX1.S -		P617	X01CC-28	2	617b-2	4	TP3CC-28	HPSVMCB2	22	313200 P002	017	1P	1P
026	PACS S17-32 B 4 . REF28		PX1.S -		P617	X01CC-28	2	617b-2	5	TP3CC-28	HPSVMCB2	22	313200 P002	009	1P	1P
008	PACS S17-32 B 4 . S28		PX1.S -		P617	X01CC-28	2	617b-2	5	TP3CC-28	HPSVMCB2	22	313200 P002	002	1P	1P
CH	PACS S17-32 B 4 . S617b		PX1.S -		P617	X01CC-28	2	617b-2		CS-617b-2	HPSVMCB2	22	313200 P002	025	1P	1P
-																
027	PACS S17-32 B 4 . REF27		PX1.S -		P617	X01CC-28	3	617b-3	6	TP3CC-28	HPSVMCB2	22	313200 P002	018	1P	1P
009	PACS S17-32 B 4 . S27		PX1.S -		P617	X01CC-28	3	617b-3	6	TP3CC-28	HPSVMCB2	22	313200 P002	010	1P	1P
028	PACS S17-32 B 4 . REF26		PX1.S -		P617	X01CC-28	3	617b-3	7	TP3CC-28	HPSVMCB2	22	313200 P002	003	1P	1P
010	PACS S17-32 B 4 . S26		PX1.S -		P617	X01CC-28	3	617b-3	7	TP3CC-28	HPSVMCB2	22	313200 P002	004	1P	1P
029	PACS S17-32 B 4 . REF25		PX1.S -		P617	X01CC-28	3	617b-3	8	TP3CC-28	HPSVMCB2	22	313200 P002	011	1P	1P
011	PACS S17-32 B 4 . S25		PX1.S -		P617	X01CC-28	3	617b-3	8	TP3CC-28	HPSVMCB2	22	313200 P002	019	1P	1P
CH	PACS S17-32 B 4 . S617b		PX1.S -		P617	X01CC-28	3	617b-3		CS-617b-3	HPSVMCB2	22	313200 P002	025	1P	1P
-																
030	PACS S17-32 B 4 . REF24		PX1.S -		P617	X01CC-28	4	617c-1	9	TP3CC-28	HPSVMCB2	22	313200 P002	006	1P	1P
012	PACS S17-32 B 4 . S24		PX1.S -		P617	X01CC-28	4	617c-1	9	TP3CC-28	HPSVMCB2	22	313200 P002	005	1P	1P
031	PACS S17-32 B 4 . REF23		PX1.S -		P617	X01CC-28	4	617c-1	A	TP3CC-28	HPSVMCB2	22	313200 P002	013	1P	1P
013	PACS S17-32 B 4 . S23		PX1.S -		P617	X01CC-28	4	617c-1	A	TP3CC-28	HPSVMCB2	22	313200 P002	007	1P	1P
032	PACS S17-32 B 4 . REF22		PX1.S -		P617	X01CC-28	4	617c-1	B	TP3CC-28	HPSVMCB2	22	313200 P002	014	1P	1P
014	PACS S17-32 B 4 . S22		PX1.S -		P617	X01CC-28	4	617c-1	B	TP3CC-28	HPSVMCB2	22	313200 P002	023	1P	1P
CH	PACS S17-32 B 4 . S617c		PX1.S -		P617	X01CC-28	4	617c-1		CS-617c-1	HPSVMCB2	22	313200 P002	012	1P	1P
-																
033	PACS S17-32 B 4 . REF21		PX1.S -		P617	X01CC-28	5	617c-2	C	TP3CC-28	HPSVMCB2	22	313200 P002	022	1P	1P
015	PACS S17-32 B 4 . S21		PX1.S -		P617	X01CC-28	5	617c-2	C	TP3CC-28	HPSVMCB2	22	313200 P002	033	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P011
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-08 (617)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S17-32 B 4 . REF20		PX1.S -		P617	X01CC-28	5	617c-2	D	TP3CC-28	HPSVMCB2	22	313200 P002	034	1P	1P
016	PACS S17-32 B 4 . S20		PX1.S -		P617	X01CC-28	5	617c-2	D	TP3CC-28	HPSVMCB2	22	313200 P002	024	1P	1P
035	PACS S17-32 B 4 . REF19		PX1.S -		P617	X01CC-28	5	617c-2	E	TP3CC-28	HPSVMCB2	22	313200 P002	045	1P	1P
017	PACS S17-32 B 4 . S19		PX1.S -		P617	X01CC-28	5	617c-2	E	TP3CC-28	HPSVMCB2	22	313200 P002	046	1P	1P
CH	PACS S17-32 B 4 . S617c		PX1.S -		P617	X01CC-28	5	617c-2		CS-617c-2	HPSVMCB2	22	313200 P002	012	1P	1P
-																
036	PACS S17-32 B 4 . REF18		PX1.S -		P617	X01CC-28	6	617c-3	F	TP2CC-28	HPSVMCB2	22	313200 P002	035	1P	1P
018	PACS S17-32 B 4 . S18		PX1.S -		P617	X01CC-28	6	617c-3	F	TP2CC-28	HPSVMCB2	22	313200 P002	047	1P	1P
037	PACS S17-32 B 4 . REF17		PX1.S -		P617	X01CC-28	6	617c-3	G	TP2CC-28	HPSVMCB2	22	313200 P002	058	1P	1P
019	PACS S17-32 B 4 . S17		PX1.S -		P617	X01CC-28	6	617c-3	G	TP2CC-28	HPSVMCB2	22	313200 P002	057	1P	1P
CH	PACS S17-32 B 4 . S617c		PX1.S -		P617	X01CC-28	6	617c-3		CS-617c-3	HPSVMCB2	22	313200 P002	012	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 313200 P001
 HPSVMCB2

Function / Bundle: SIH-XP-09 (621b/c;622/b;622/b;623;624)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
086	PACS S01-16 B 5 . REF16		PX1.S -		P621	X01CC-28	1	621b-1	1	TP2CC-28	HPBOLC	18	132300 P013	022	1P	1P
078	PACS S01-16 B 5 . S16		PX1.S -		P621	X01CC-28	1	621b-1	1	TP2CC-28	HPBOLC	18	132300 P013	004	1P	1P
087	PACS S01-16 B 5 . REF15		PX1.S -		P621	X01CC-28	1	621b-1	2	TP2CC-28	HPBOLC	18	132300 P013	023	1P	1P
079	PACS S01-16 B 5 . S15		PX1.S -		P621	X01CC-28	1	621b-1	2	TP2CC-28	HPBOLC	18	132300 P013	005	1P	1P
077	PACS S01-16 B 5 . S621b		PX1.S -		P621	X01CC-28	1	621b-1		CS-621b-1	HPBOLC	18	132300 P013	CH	1P	1P
-																
088	PACS S01-16 B 5 . REF14		PX1.S -		P621	X01CC-28	2	621b-2	3	TP3CC-28	HPBOLC	18	132300 P013	024	1P	1P
080	PACS S01-16 B 5 . S14		PX1.S -		P621	X01CC-28	2	621b-2	3	TP3CC-28	HPBOLC	18	132300 P013	006	1P	1P
089	PACS S01-16 B 5 . REF13		PX1.S -		P621	X01CC-28	2	621b-2	4	TP3CC-28	HPBOLC	18	132300 P013	025	1P	1P
081	PACS S01-16 B 5 . S13		PX1.S -		P621	X01CC-28	2	621b-2	4	TP3CC-28	HPBOLC	18	132300 P013	007	1P	1P
069	PACS S01-16 B 5 . REF12		PX1.S -		P621	X01CC-28	2	621b-2	5	TP3CC-28	HPBOLC	18	132300 P013	026	1P	1P
059	PACS S01-16 B 5 . S12		PX1.S -		P621	X01CC-28	2	621b-2	5	TP3CC-28	HPBOLC	18	132300 P013	008	1P	1P
077	PACS S01-16 B 5 . S621b		PX1.S -		P621	X01CC-28	2	621b-2		CS-621b-2	HPBOLC	18	132300 P013	CH	1P	1P
-																
070	PACS S01-16 B 5 . REF11		PX1.S -		P621	X01CC-28	3	621b-3	6	TP3CC-28	HPBOLC	18	132300 P013	027	1P	1P
060	PACS S01-16 B 5 . S11		PX1.S -		P621	X01CC-28	3	621b-3	6	TP3CC-28	HPBOLC	18	132300 P013	009	1P	1P
071	PACS S01-16 B 5 . REF10		PX1.S -		P621	X01CC-28	3	621b-3	7	TP3CC-28	HPBOLC	18	132300 P013	028	1P	1P
061	PACS S01-16 B 5 . S10		PX1.S -		P621	X01CC-28	3	621b-3	7	TP3CC-28	HPBOLC	18	132300 P013	010	1P	1P
072	PACS S01-16 B 5 . REF09		PX1.S -		P621	X01CC-28	3	621b-3	8	TP3CC-28	HPBOLC	18	132300 P013	029	1P	1P
062	PACS S01-16 B 5 . S09		PX1.S -		P621	X01CC-28	3	621b-3	8	TP3CC-28	HPBOLC	18	132300 P013	011	1P	1P
077	PACS S01-16 B 5 . S621b		PX1.S -		P621	X01CC-28	3	621b-3		CS-621b-3	HPBOLC	18	132300 P013	CH	1P	1P
-																
090	PACS S01-16 B 5 . REF08		PX1.S -		P621	X01CC-28	4	621c-1	9	TP3CC-28	HPBOLC	18	132300 P013	030	1P	1P
082	PACS S01-16 B 5 . S08		PX1.S -		P621	X01CC-28	4	621c-1	9	TP3CC-28	HPBOLC	18	132300 P013	012	1P	1P
091	PACS S01-16 B 5 . REF07		PX1.S -		P621	X01CC-28	4	621c-1	A	TP3CC-28	HPBOLC	18	132300 P013	031	1P	1P
083	PACS S01-16 B 5 . S07		PX1.S -		P621	X01CC-28	4	621c-1	A	TP3CC-28	HPBOLC	18	132300 P013	013	1P	1P
092	PACS S01-16 B 5 . REF06		PX1.S -		P621	X01CC-28	4	621c-1	B	TP3CC-28	HPBOLC	18	132300 P013	032	1P	1P
084	PACS S01-16 B 5 . S06		PX1.S -		P621	X01CC-28	4	621c-1	B	TP3CC-28	HPBOLC	18	132300 P013	014	1P	1P
097	PACS S01-16 B 5 . S621c		PX1.S -		P621	X01CC-28	4	621c-1		CS-621c-1	HPBOLC	18	132300 P013	CH	1P	1P
-																
093	PACS S01-16 B 5 . REF05		PX1.S -		P621	X01CC-28	5	621c-2	C	TP3CC-28	HPBOLC	18	132300 P013	033	1P	1P
085	PACS S01-16 B 5 . S05		PX1.S -		P621	X01CC-28	5	621c-2	C	TP3CC-28	HPBOLC	18	132300 P013	015	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P001
HPSVMCB2

Function / Bundle: SIH-XP-09 (621b/c;622/b;622/b;623;624)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
073	PACS S01-16 B 5 . REF04		PX1.S -		P621	X01CC-28	5	621c-2	D	TP3CC-28	HPBOLC	18	132300 P013	034	1P	1P
063	PACS S01-16 B 5 . S04		PX1.S -		P621	X01CC-28	5	621c-2	D	TP3CC-28	HPBOLC	18	132300 P013	016	1P	1P
074	PACS S01-16 B 5 . REF03		PX1.S -		P621	X01CC-28	5	621c-2	E	TP3CC-28	HPBOLC	18	132300 P013	035	1P	1P
064	PACS S01-16 B 5 . S03		PX1.S -		P621	X01CC-28	5	621c-2	E	TP3CC-28	HPBOLC	18	132300 P013	017	1P	1P
097	PACS S01-16 B 5 . S621c		PX1.S -		P621	X01CC-28	5	621c-2		CS-621c-2	HPBOLC	18	132300 P013	CH	1P	1P
-																
075	PACS S01-16 B 5 . REF02		PX1.S -		P621	X01CC-28	6	621c-3	F	TP2CC-28	HPBOLC	18	132300 P013	036	1P	1P
065	PACS S01-16 B 5 . S02		PX1.S -		P621	X01CC-28	6	621c-3	F	TP2CC-28	HPBOLC	18	132300 P013	018	1P	1P
076	PACS S01-16 B 5 . REF01		PX1.S -		P621	X01CC-28	6	621c-3	G	TP2CC-28	HPBOLC	18	132300 P013	037	1P	1P
066	PACS S01-16 B 5 . S01		PX1.S -		P621	X01CC-28	6	621c-3	G	TP2CC-28	HPBOLC	18	132300 P013	019	1P	1P
097	PACS S01-16 B 5 . S621c		PX1.S -		P621	X01CC-28	6	621c-3		CS-621c-3	HPBOLC	18	132300 P013	CH	1P	1P
-																
008	PACS FL Clock B 5 . VGDEC		PX6.S -		P624	X05CC-28	7	624-2		TS3CC-28	HPBOLC	18	132300 P014	001	1P	1P
009	PACS FL Clock B 5 . VSEL		PX6.S -		P624	X05CC-28	7	624-2		TS3CC-28	HPBOLC	18	132300 P014	020	1P	1P
010	PACS FL Clock B 5 . VGSEL		PX6.S -		P624	X05CC-28	7	624-2		TS3CC-28	HPBOLC	18	132300 P014	002	1P	1P
016	PACS FL Clock B 5 . SH624		PX6.S -		P624	X05CC-28	7	624-2		CS-624-2	HPBOLC	18	132300 P014	CH	1P	1P
-																
011	PACS FL Clock B 5 . AD6		PX6.S -		P624	X05CC-28	8	624-1		TS7CC-28	HPBOLC	18	132300 P014	021	1P	1P
017	PACS FL Clock B 5 . AD5		PX6.S -		P624	X05CC-28	8	624-1		TS7CC-28	HPBOLC	18	132300 P014	003	1P	1P
018	PACS FL Clock B 5 . AD4		PX6.S -		P624	X05CC-28	8	624-1		TS7CC-28	HPBOLC	18	132300 P014	022	1P	1P
019	PACS FL Clock B 5 . AD3		PX6.S -		P624	X05CC-28	8	624-1		TS7CC-28	HPBOLC	18	132300 P014	004	1P	1P
020	PACS FL Clock B 5 . AD2		PX6.S -		P624	X05CC-28	8	624-1		TS7CC-28	HPBOLC	18	132300 P014	023	1P	1P
029	PACS FL Clock B 5 . AD1		PX6.S -		P624	X05CC-28	8	624-1		TS7CC-28	HPBOLC	18	132300 P014	005	1P	1P
030	PACS FL Clock B 5 . AD0		PX6.S -		P624	X05CC-28	8	624-1		TS7CC-28	HPBOLC	18	132300 P014	024	1P	1P
016	PACS FL Clock B 5 . SH624		PX6.S -		P624	X05CC-28	8	624-1		CS-624-1	HPBOLC	18	132300 P014	CH	1P	1P
-																
001	PACS Fil LL CLK B 5 . VSMS		PX4.S -		P623	TS3CC-28	9				HPBOLC	18	132300 P014	006	1P	1P
002	PACS Fil LL CLK B 5 . CKRI		PX4.S -		P623	TS3CC-28	9				HPBOLC	18	132300 P014	025		
003	PACS Fil LL CLK B 5 . VDECX		PX4.S -		P623	TS3CC-28	9				HPBOLC	18	132300 P014	007		
004	PACS Fil LL CLK B 5 . SH623		PX4.S -		P623	TS3CC-28	9			CS-P623	HPBOLC	18	132300 P014	CH	1P	1P
-																
012	PACS Fil Bias B 5 . VHB		PX2.S -		P622	X03CC-28	10	622-3		TS7CC-28	HPBOLC	18	132300 P014	026	1P	1P
013	PACS Fil Bias B 5 . VTRIL		PX2.S -		P622	X03CC-28	10	622-3		TS7CC-28	HPBOLC	18	132300 P014	008	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P001
HPSVMCB2

Function / Bundle: SIH-XP-09 (621b/c;622/b;622/b;623;624)

Conn.-Type: SCC340104401B06G2235SN

Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed		
		Circuit	Signal	Pos.											1P	1P	
014	PACS Fil Bias B 5 . GNDCL		PX2.S -		P622	X03CC-28	10	622-3		TS7CC-28	HPBOLC	18	132300 P014	027	1P	1P	
015	PACS Fil Bias B 5 . VDPRO		PX2.S -		P622	X03CC-28	10	622-3		TS7CC-28	HPBOLC	18	132300 P014	009	1P	1P	
021	PACS Fil Bias B 5 . VH		PX2.S -		P622	X03CC-28	10	622-3		TS7CC-28	HPBOLC	18	132300 P014	028	1P	1P	
022	PACS Fil Bias B 5 . VL		PX2.S -		P622	X03CC-28	10	622-3		TS7CC-28	HPBOLC	18	132300 P014	010	1P	1P	
023	PACS Fil Bias B 5 . VRL		PX2.S -		P622	X03CC-28	10	622-3		TS7CC-28	HPBOLC	18	132300 P014	029	1P	1P	
052	PACS Fil Bias B 5 . SH622		PX2.S -		P622	X03CC-28	10	622-3		CS-622-3	HPBOLC	18	132300 P014	CH	1P	1P	
-																	
024	PACS Fil Bias B 5 . VCH		PX2.S -		P622	X03CC-28	11	622-2		TS6CC-28	HPBOLC	18	132300 P014	011	1P	1P	
031	PACS Fil Bias B 5 . VSS		PX2.S -		P622	X03CC-28	11	622-2		TS6CC-28	HPBOLC	18	132300 P014	030	1P	1P	
032	PACS Fil Bias B 5 . VDL		PX2.S -		P622	X03CC-28	11	622-2		TS6CC-28	HPBOLC	18	132300 P014	012	1P	1P	
033	PACS Fil Bias B 5 . VINJ		PX2.S -		P622	X03CC-28	11	622-2		TS6CC-28	HPBOLC	18	132300 P014	031	1P	1P	
034	PACS Fil Bias B 5 . VGL		PX2.S -		P622	X03CC-28	11	622-2		TS6CC-28	HPBOLC	18	132300 P014	013	1P	1P	
042	PACS Fil Bias B 5 . VDD		PX2.S -		P622	X03CC-28	11	622-2		TS6CC-28	HPBOLC	18	132300 P014	032	1P	1P	
052	PACS Fil Bias B 5 . SH622		PX2.S -		P622	X03CC-28	11	622-2		CS-622-2	HPBOLC	18	132300 P014	CH	1P	1P	
-																	
043	PACS Fil Bias B 5 . GNDBU		PX2.S -		P622	X03CC-28	12	622-1		TS6CC-28	HPBOLC	18	132300 P014	033	1P	1P	
044	PACS Fil Bias B 5 . VPRBU		PX2.S -		P622	X03CC-28	12	622-1		TS6CC-28	HPBOLC	18	132300 P014	034	1P	1P	
045	PACS Fil Bias B 5 . VGLBU		PX2.S -		P622	X03CC-28	12	622-1		TS6CC-28	HPBOLC	18	132300 P014	016	1P	1P	
041	PACS Fil Bias B 5 . VGG		PX2.S -		P622	X03CC-28	12	622-1		TS6CC-28	HPBOLC	18	132300 P014	035	1P	1P	
005	PACS Fil Bias B 5 . VSSBU		PX2.S -		P622	X03CC-28	12	622-1		TS6CC-28	HPBOLC	18	132300 P014	014	1P	1P	
006	PACS Fil Bias B 5 . VDLBU		PX2.S -		P622	X03CC-28	12	622-1		TS6CC-28	HPBOLC	18	132300 P014	015	1P	1P	
052	PACS Fil Bias B 5 . SH622		PX2.S -		P622	X03CC-28	12	622-1		CS-622-1	HPBOLC	18	132300 P014	CH	1P	1P	
-																	
007	Daisy chain to pin 052									Daisy chain pin 007 & pin 052						1P	
-																	1P
CH	Overall Shield									Overall Shield con to CH							1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 394 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132300 P013
HPBOLC

Function / Bundle: BOLC to FPU Sih-XP-09 (621)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S01-16 B 5 . REF16		PX1.S -		P621	X01CC-28	1	621b-1	1	TP2CC-28	HPSVMCB2	22	313200 P001	086	1P	1P
004	PACS S01-16 B 5 . S16		PX1.S -		P621	X01CC-28	1	621b-1	1	TP2CC-28	HPSVMCB2	22	313200 P001	078	1P	1P
023	PACS S01-16 B 5 . REF15		PX1.S -		P621	X01CC-28	1	621b-1	2	TP2CC-28	HPSVMCB2	22	313200 P001	087	1P	1P
005	PACS S01-16 B 5 . S15		PX1.S -		P621	X01CC-28	1	621b-1	2	TP2CC-28	HPSVMCB2	22	313200 P001	079	1P	1P
CH	PACS S01-16 B 5 . S621b		PX1.S -		P621	X01CC-28	1	621b-1		CS-621b-1	HPSVMCB2	22	313200 P001	077	1P	1P
-																
024	PACS S01-16 B 5 . REF14		PX1.S -		P621	X01CC-28	2	621b-2	3	TP3CC-28	HPSVMCB2	22	313200 P001	088	1P	1P
006	PACS S01-16 B 5 . S14		PX1.S -		P621	X01CC-28	2	621b-2	3	TP3CC-28	HPSVMCB2	22	313200 P001	080	1P	1P
025	PACS S01-16 B 5 . REF13		PX1.S -		P621	X01CC-28	2	621b-2	4	TP3CC-28	HPSVMCB2	22	313200 P001	089	1P	1P
007	PACS S01-16 B 5 . S13		PX1.S -		P621	X01CC-28	2	621b-2	4	TP3CC-28	HPSVMCB2	22	313200 P001	081	1P	1P
026	PACS S01-16 B 5 . REF12		PX1.S -		P621	X01CC-28	2	621b-2	5	TP3CC-28	HPSVMCB2	22	313200 P001	069	1P	1P
008	PACS S01-16 B 5 . S12		PX1.S -		P621	X01CC-28	2	621b-2	5	TP3CC-28	HPSVMCB2	22	313200 P001	059	1P	1P
CH	PACS S01-16 B 5 . S621b		PX1.S -		P621	X01CC-28	2	621b-2		CS-621b-2	HPSVMCB2	22	313200 P001	077	1P	1P
-																
027	PACS S01-16 B 5 . REF11		PX1.S -		P621	X01CC-28	3	621b-3	6	TP3CC-28	HPSVMCB2	22	313200 P001	070	1P	1P
009	PACS S01-16 B 5 . S11		PX1.S -		P621	X01CC-28	3	621b-3	6	TP3CC-28	HPSVMCB2	22	313200 P001	060	1P	1P
028	PACS S01-16 B 5 . REF10		PX1.S -		P621	X01CC-28	3	621b-3	7	TP3CC-28	HPSVMCB2	22	313200 P001	071	1P	1P
010	PACS S01-16 B 5 . S10		PX1.S -		P621	X01CC-28	3	621b-3	7	TP3CC-28	HPSVMCB2	22	313200 P001	061	1P	1P
029	PACS S01-16 B 5 . REF09		PX1.S -		P621	X01CC-28	3	621b-3	8	TP3CC-28	HPSVMCB2	22	313200 P001	072	1P	1P
011	PACS S01-16 B 5 . S09		PX1.S -		P621	X01CC-28	3	621b-3	8	TP3CC-28	HPSVMCB2	22	313200 P001	062	1P	1P
CH	PACS S01-16 B 5 . S621b		PX1.S -		P621	X01CC-28	3	621b-3		CS-621b-3	HPSVMCB2	22	313200 P001	077	1P	1P
-																
030	PACS S01-16 B 5 . REF08		PX1.S -		P621	X01CC-28	4	621c-1	9	TP3CC-28	HPSVMCB2	22	313200 P001	090	1P	1P
012	PACS S01-16 B 5 . S08		PX1.S -		P621	X01CC-28	4	621c-1	9	TP3CC-28	HPSVMCB2	22	313200 P001	082	1P	1P
031	PACS S01-16 B 5 . REF07		PX1.S -		P621	X01CC-28	4	621c-1	A	TP3CC-28	HPSVMCB2	22	313200 P001	091	1P	1P
013	PACS S01-16 B 5 . S07		PX1.S -		P621	X01CC-28	4	621c-1	A	TP3CC-28	HPSVMCB2	22	313200 P001	083	1P	1P
032	PACS S01-16 B 5 . REF06		PX1.S -		P621	X01CC-28	4	621c-1	B	TP3CC-28	HPSVMCB2	22	313200 P001	092	1P	1P
014	PACS S01-16 B 5 . S06		PX1.S -		P621	X01CC-28	4	621c-1	B	TP3CC-28	HPSVMCB2	22	313200 P001	084	1P	1P
CH	PACS S01-16 B 5 . S621c		PX1.S -		P621	X01CC-28	4	621c-1		CS-621c-1	HPSVMCB2	22	313200 P001	097	1P	1P
-																
033	PACS S01-16 B 5 . REF05		PX1.S -		P621	X01CC-28	5	621c-2	C	TP3CC-28	HPSVMCB2	22	313200 P001	093	1P	1P
015	PACS S01-16 B 5 . S05		PX1.S -		P621	X01CC-28	5	621c-2	C	TP3CC-28	HPSVMCB2	22	313200 P001	085	1P	1P

Pin Allocation List (Harness)

Connector: 132300 P013
HPBOLC

Function / Bundle: BOLC to FPU Sih-XP-09 (621)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S01-16 B 5 . REF04		PX1.S -		P621	X01CC-28	5	621c-2	D	TP3CC-28	HPSVMCB2	22	313200 P001	073	1P	1P
016	PACS S01-16 B 5 . S04		PX1.S -		P621	X01CC-28	5	621c-2	D	TP3CC-28	HPSVMCB2	22	313200 P001	063	1P	1P
035	PACS S01-16 B 5 . REF03		PX1.S -		P621	X01CC-28	5	621c-2	E	TP3CC-28	HPSVMCB2	22	313200 P001	074	1P	1P
017	PACS S01-16 B 5 . S03		PX1.S -		P621	X01CC-28	5	621c-2	E	TP3CC-28	HPSVMCB2	22	313200 P001	064	1P	1P
CH	PACS S01-16 B 5 . S621c		PX1.S -		P621	X01CC-28	5	621c-2		CS-621c-2	HPSVMCB2	22	313200 P001	097	1P	1P
-																
036	PACS S01-16 B 5 . REF02		PX1.S -		P621	X01CC-28	6	621c-3	F	TP2CC-28	HPSVMCB2	22	313200 P001	075	1P	1P
018	PACS S01-16 B 5 . S02		PX1.S -		P621	X01CC-28	6	621c-3	F	TP2CC-28	HPSVMCB2	22	313200 P001	065	1P	1P
037	PACS S01-16 B 5 . REF01		PX1.S -		P621	X01CC-28	6	621c-3	G	TP2CC-28	HPSVMCB2	22	313200 P001	076	1P	1P
019	PACS S01-16 B 5 . S01		PX1.S -		P621	X01CC-28	6	621c-3	G	TP2CC-28	HPSVMCB2	22	313200 P001	066	1P	1P
CH	PACS S01-16 B 5 . S621c		PX1.S -		P621	X01CC-28	6	621c-3		CS-621c-3	HPSVMCB2	22	313200 P001	097	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132300 P014
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-09 (622-624)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FL Clock B 5 . VGDEC		PX6.S -		P624	X05CC-28	1	624-2		TS3CC-28	HPSVMCB2	22	313200 P001	008	1P	1P
020	PACS FL Clock B 5 . VSEL		PX6.S -		P624	X05CC-28	1	624-2		TS3CC-28	HPSVMCB2	22	313200 P001	009	1P	1P
002	PACS FL Clock B 5 . VGSEL		PX6.S -		P624	X05CC-28	1	624-2		TS3CC-28	HPSVMCB2	22	313200 P001	010	1P	1P
CH	PACS FL Clock B 5 . SH624		PX6.S -		P624	X05CC-28	1	624-2		CS-624-2	HPSVMCB2	22	313200 P001	016	1P	1P
-																
021	PACS FL Clock B 5 . AD6		PX6.S -		P624	X05CC-28	2	624-1		TS7CC-28	HPSVMCB2	22	313200 P001	011	1P	1P
003	PACS FL Clock B 5 . AD5		PX6.S -		P624	X05CC-28	2	624-1		TS7CC-28	HPSVMCB2	22	313200 P001	017	1P	1P
022	PACS FL Clock B 5 . AD4		PX6.S -		P624	X05CC-28	2	624-1		TS7CC-28	HPSVMCB2	22	313200 P001	018	1P	1P
004	PACS FL Clock B 5 . AD3		PX6.S -		P624	X05CC-28	2	624-1		TS7CC-28	HPSVMCB2	22	313200 P001	019	1P	1P
023	PACS FL Clock B 5 . AD2		PX6.S -		P624	X05CC-28	2	624-1		TS7CC-28	HPSVMCB2	22	313200 P001	020	1P	1P
005	PACS FL Clock B 5 . AD1		PX6.S -		P624	X05CC-28	2	624-1		TS7CC-28	HPSVMCB2	22	313200 P001	029	1P	1P
024	PACS FL Clock B 5 . AD0		PX6.S -		P624	X05CC-28	2	624-1		TS7CC-28	HPSVMCB2	22	313200 P001	030	1P	1P
CH	PACS FL Clock B 5 . SH624		PX6.S -		P624	X05CC-28	2	624-1		CS-624-1	HPSVMCB2	22	313200 P001	016	1P	1P
-																
006	PACS Fil LL CLK B 5 . VSMS		PX4.S -		P623	TS3CC-28	3				HPSVMCB2	22	313200 P001	001	1P	1P
025	PACS Fil LL CLK B 5 . CKRI		PX4.S -		P623	TS3CC-28	3				HPSVMCB2	22	313200 P001	002		
007	PACS Fil LL CLK B 5 . VDECX		PX4.S -		P623	TS3CC-28	3				HPSVMCB2	22	313200 P001	003		
CH	PACS Fil LL CLK B 5 . SH623		PX4.S -		P623	TS3CC-28	3			CS-P623	HPSVMCB2	22	313200 P001	004	1P	1P
-																
026	PACS Fil Bias B 5 . VHB		PX2.S -		P622	X03CC-28	4	622-3		TS7CC-28	HPSVMCB2	22	313200 P001	012	1P	1P
008	PACS Fil Bias B 5 . VTRIL		PX2.S -		P622	X03CC-28	4	622-3		TS7CC-28	HPSVMCB2	22	313200 P001	013	1P	1P
027	PACS Fil Bias B 5 . GNDCL		PX2.S -		P622	X03CC-28	4	622-3		TS7CC-28	HPSVMCB2	22	313200 P001	014	1P	1P
009	PACS Fil Bias B 5 . VDPRO		PX2.S -		P622	X03CC-28	4	622-3		TS7CC-28	HPSVMCB2	22	313200 P001	015	1P	1P
028	PACS Fil Bias B 5 . VH		PX2.S -		P622	X03CC-28	4	622-3		TS7CC-28	HPSVMCB2	22	313200 P001	021	1P	1P
010	PACS Fil Bias B 5 . VL		PX2.S -		P622	X03CC-28	4	622-3		TS7CC-28	HPSVMCB2	22	313200 P001	022	1P	1P
029	PACS Fil Bias B 5 . VRL		PX2.S -		P622	X03CC-28	4	622-3		TS7CC-28	HPSVMCB2	22	313200 P001	023	1P	1P
CH	PACS Fil Bias B 5 . SH622		PX2.S -		P622	X03CC-28	4	622-3		CS-622-3	HPSVMCB2	22	313200 P001	052	1P	1P
-																
011	PACS Fil Bias B 5 . VCH		PX2.S -		P622	X03CC-28	5	622-2		TS6CC-28	HPSVMCB2	22	313200 P001	024	1P	1P
030	PACS Fil Bias B 5 . VSS		PX2.S -		P622	X03CC-28	5	622-2		TS6CC-28	HPSVMCB2	22	313200 P001	031	1P	1P
012	PACS Fil Bias B 5 . VDL		PX2.S -		P622	X03CC-28	5	622-2		TS6CC-28	HPSVMCB2	22	313200 P001	032	1P	1P
031	PACS Fil Bias B 5 . VINJ		PX2.S -		P622	X03CC-28	5	622-2		TS6CC-28	HPSVMCB2	22	313200 P001	033	1P	1P
013	PACS Fil Bias B 5 . VGL		PX2.S -		P622	X03CC-28	5	622-2		TS6CC-28	HPSVMCB2	22	313200 P001	034	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P014
HPBOLC

Function / Bundle: BOLC FPU SIH-XP-09 (622-624)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
032	PACS Fil Bias B 5 . VDD		PX2.S -		P622	X03CC-28	5	622-2		TS6CC-28	HPSVMCB2	22	313200 P001	042	1P 1P
CH	PACS Fil Bias B 5 . SH622		PX2.S -		P622	X03CC-28	5	622-2		CS-622-2	HPSVMCB2	22	313200 P001	052	1P 1P
-															
014	PACS Fil Bias B 5 . VSSBU		PX2.S -		P622	X03CC-28	6	622-1		TS6CC-28	HPSVMCB2	22	313200 P001	005	1P 1P
033	PACS Fil Bias B 5 . GNDBU		PX2.S -		P622	X03CC-28	6	622-1		TS6CC-28	HPSVMCB2	22	313200 P001	043	1P 1P
015	PACS Fil Bias B 5 . VDLBU		PX2.S -		P622	X03CC-28	6	622-1		TS6CC-28	HPSVMCB2	22	313200 P001	006	1P 1P
034	PACS Fil Bias B 5 . VPRBU		PX2.S -		P622	X03CC-28	6	622-1		TS6CC-28	HPSVMCB2	22	313200 P001	044	1P 1P
016	PACS Fil Bias B 5 . VGLBU		PX2.S -		P622	X03CC-28	6	622-1		TS6CC-28	HPSVMCB2	22	313200 P001	045	1P 1P
035	PACS Fil Bias B 5 . VGG		PX2.S -		P622	X03CC-28	6	622-1		TS6CC-28	HPSVMCB2	22	313200 P001	041	1P 1P
CH	PACS Fil Bias B 5 . SH622		PX2.S -		P622	X03CC-28	6	622-1		CS- 622-1	HPSVMCB2	22	313200 P001	052	1P 1P
017	NC		-												
036	NC		-												
018	NC		-												
037	NC		-												
019	NC		-												
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 313200 P003
 HPSVMCB2

Function / Bundle: SIH-XP-10 (625b/c;626/b;627-628)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
086	PACS S01-16 B 6 . REF16		PX1.S -		P625	X01CC-28	1	625b-1	1	TP2CC-28	HPBOLC	18	132300 P015	022	1P	1P
078	PACS S01-16 B 6 . S16		PX1.S -		P625	X01CC-28	1	625b-1	1	TP2CC-28	HPBOLC	18	132300 P015	004	1P	1P
087	PACS S01-16 B 6 . REF15		PX1.S -		P625	X01CC-28	1	625b-1	2	TP2CC-28	HPBOLC	18	132300 P015	023	1P	1P
079	PACS S01-16 B 6 . S15		PX1.S -		P625	X01CC-28	1	625b-1	2	TP2CC-28	HPBOLC	18	132300 P015	005	1P	1P
077	PACS S01-16 B 6 . S625b		PX1.S -		P625	X01CC-28	1	625b-1		CS-625b-1	HPBOLC	18	132300 P015	CH	1P	1P
-																
088	PACS S01-16 B 6 . REF14		PX1.S -		P625	X01CC-28	2	625b-2	3	TP3CC-28	HPBOLC	18	132300 P015	024	1P	1P
080	PACS S01-16 B 6 . S14		PX1.S -		P625	X01CC-28	2	625b-2	3	TP3CC-28	HPBOLC	18	132300 P015	006	1P	1P
089	PACS S01-16 B 6 . REF13		PX1.S -		P625	X01CC-28	2	625b-2	4	TP3CC-28	HPBOLC	18	132300 P015	025	1P	1P
081	PACS S01-16 B 6 . S13		PX1.S -		P625	X01CC-28	2	625b-2	4	TP3CC-28	HPBOLC	18	132300 P015	007	1P	1P
069	PACS S01-16 B 6 . REF12		PX1.S -		P625	X01CC-28	2	625b-2	5	TP3CC-28	HPBOLC	18	132300 P015	026	1P	1P
059	PACS S01-16 B 6 . S12		PX1.S -		P625	X01CC-28	2	625b-2	5	TP3CC-28	HPBOLC	18	132300 P015	008	1P	1P
077	PACS S01-16 B 6 . S625b		PX1.S -		P625	X01CC-28	2	625b-2		CS-625b-2	HPBOLC	18	132300 P015	CH	1P	1P
-																
070	PACS S01-16 B 6 . REF11		PX1.S -		P625	X01CC-28	3	625b-3	6	TP3CC-28	HPBOLC	18	132300 P015	027	1P	1P
060	PACS S01-16 B 6 . S11		PX1.S -		P625	X01CC-28	3	625b-3	6	TP3CC-28	HPBOLC	18	132300 P015	009	1P	1P
071	PACS S01-16 B 6 . REF10		PX1.S -		P625	X01CC-28	3	625b-3	7	TP3CC-28	HPBOLC	18	132300 P015	028	1P	1P
061	PACS S01-16 B 6 . S10		PX1.S -		P625	X01CC-28	3	625b-3	7	TP3CC-28	HPBOLC	18	132300 P015	010	1P	1P
072	PACS S01-16 B 6 . REF09		PX1.S -		P625	X01CC-28	3	625b-3	8	TP3CC-28	HPBOLC	18	132300 P015	029	1P	1P
062	PACS S01-16 B 6 . S09		PX1.S -		P625	X01CC-28	3	625b-3	8	TP3CC-28	HPBOLC	18	132300 P015	011	1P	1P
077	PACS S01-16 B 6 . S625b		PX1.S -		P625	X01CC-28	3	625b-3		CS-625b-3	HPBOLC	18	132300 P015	CH	1P	1P
-																
090	PACS S01-16 B 6 . REF08		PX1.S -		P625	X01CC-28	4	625c-1	9	TP3CC-28	HPBOLC	18	132300 P015	030	1P	1P
082	PACS S01-16 B 6 . S08		PX1.S -		P625	X01CC-28	4	625c-1	9	TP3CC-28	HPBOLC	18	132300 P015	012	1P	1P
091	PACS S01-16 B 6 . REF07		PX1.S -		P625	X01CC-28	4	625c-1	A	TP3CC-28	HPBOLC	18	132300 P015	031	1P	1P
083	PACS S01-16 B 6 . S07		PX1.S -		P625	X01CC-28	4	625c-1	A	TP3CC-28	HPBOLC	18	132300 P015	013	1P	1P
092	PACS S01-16 B 6 . REF06		PX1.S -		P625	X01CC-28	4	625c-1	B	TP3CC-28	HPBOLC	18	132300 P015	032	1P	1P
084	PACS S01-16 B 6 . S06		PX1.S -		P625	X01CC-28	4	625c-1	B	TP3CC-28	HPBOLC	18	132300 P015	014	1P	1P
097	PACS S01-16 B 6 . S625c		PX1.S -		P625	X01CC-28	4	625c-1		CS-625c-1	HPBOLC	18	132300 P015	CH	1P	1P
-																
093	PACS S01-16 B 6 . REF05		PX1.S -		P625	X01CC-28	5	625c-2	C	TP3CC-28	HPBOLC	18	132300 P015	033	1P	1P
085	PACS S01-16 B 6 . S05		PX1.S -		P625	X01CC-28	5	625c-2	C	TP3CC-28	HPBOLC	18	132300 P015	015	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P003
 HPSVMCB2

Function / Bundle: SIH-XP-10 (625b/c;626/b;627-628)

Conn.-Type: SCC340104401B06G2235SN

Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
073	PACS S01-16 B 6 . REF04		PX1.S -		P625	X01CC-28	5	625c-2	D	TP3CC-28	HPBOLC	18	132300 P015	034	1P	1P
063	PACS S01-16 B 6 . S04		PX1.S -		P625	X01CC-28	5	625c-2	D	TP3CC-28	HPBOLC	18	132300 P015	016	1P	1P
074	PACS S01-16 B 6 . REF03		PX1.S -		P625	X01CC-28	5	625c-2	E	TP3CC-28	HPBOLC	18	132300 P015	035	1P	1P
064	PACS S01-16 B 6 . S03		PX1.S -		P625	X01CC-28	5	625c-2	E	TP3CC-28	HPBOLC	18	132300 P015	017	1P	1P
097	PACS S01-16 B 6 . S625c		PX1.S -		P625	X01CC-28	5	625c-2		CS-625c-2	HPBOLC	18	132300 P015	CH	1P	1P
-																
075	PACS S01-16 B 6 . REF02		PX1.S -		P625	X01CC-28	6	625c-3	F	TP2CC-28	HPBOLC	18	132300 P015	036	1P	1P
065	PACS S01-16 B 6 . S02		PX1.S -		P625	X01CC-28	6	625c-3	F	TP2CC-28	HPBOLC	18	132300 P015	018	1P	1P
076	PACS S01-16 B 6 . REF01		PX1.S -		P625	X01CC-28	6	625c-3	G	TP2CC-28	HPBOLC	18	132300 P015	037	1P	1P
066	PACS S01-16 B 6 . S01		PX1.S -		P625	X01CC-28	6	625c-3	G	TP2CC-28	HPBOLC	18	132300 P015	019	1P	1P
097	PACS S01-16 B 6 . S625c		PX1.S -		P625	X01CC-28	6	625c-3		CS-625c-3	HPBOLC	18	132300 P015	CH	1P	1P
-																
008	PACS FL Clock B 6 . VGDEC		PX6.S -		P628	X05CC-28	7	628-2		TS3CC-28	HPBOLC	18	132300 P016	001	1P	1P
009	PACS FL Clock B 6 . VSEL		PX6.S -		P628	X05CC-28	7	628-2		TS3CC-28	HPBOLC	18	132300 P016	020	1P	1P
010	PACS FL Clock B 6 . VGSEL		PX6.S -		P628	X05CC-28	7	628-2		TS3CC-28	HPBOLC	18	132300 P016	002	1P	1P
016	PACS FL Clock B 6 . SH628		PX6.S -		P628	X05CC-28	7	628-2		CS-628-2	HPBOLC	18	132300 P016	CH	1P	1P
-																
011	PACS FL Clock B 6 . AD6		PX6.S -		P628	X05CC-28	8	628-1		TS7CC-28	HPBOLC	18	132300 P016	021	1P	1P
017	PACS FL Clock B 6 . AD5		PX6.S -		P628	X05CC-28	8	628-1		TS7CC-28	HPBOLC	18	132300 P016	003	1P	1P
018	PACS FL Clock B 6 . AD4		PX6.S -		P628	X05CC-28	8	628-1		TS7CC-28	HPBOLC	18	132300 P016	022	1P	1P
019	PACS FL Clock B 6 . AD3		PX6.S -		P628	X05CC-28	8	628-1		TS7CC-28	HPBOLC	18	132300 P016	004	1P	1P
020	PACS FL Clock B 6 . AD2		PX6.S -		P628	X05CC-28	8	628-1		TS7CC-28	HPBOLC	18	132300 P016	023	1P	1P
029	PACS FL Clock B 6 . AD1		PX6.S -		P628	X05CC-28	8	628-1		TS7CC-28	HPBOLC	18	132300 P016	005	1P	1P
030	PACS FL Clock B 6 . AD0		PX6.S -		P628	X05CC-28	8	628-1		TS7CC-28	HPBOLC	18	132300 P016	024	1P	1P
016	PACS FL Clock B 6 . SH628		PX6.S -		P628	X05CC-28	8	628-1		CS-628-1	HPBOLC	18	132300 P016	CH	1P	1P
-																
001	PACS Fill LL CLK B 6 . VSMS		PX4.S -		P627	TS3CC-28	9				HPBOLC	18	132300 P016	006	1P	1P
002	PACS Fill LL CLK B 6 . CKRI		PX4.S -		P627	TS3CC-28	9				HPBOLC	18	132300 P016	025	1P	
003	PACS Fill LL CLK B 6 . VDECX		PX4.S -		P627	TS3CC-28	9				HPBOLC	18	132300 P016	007	1P	
004	PACS Fill LL CLK B 6 . SH627		PX4.S -		P627	TS3CC-28	9			CS-P627	HPBOLC	18	132300 P016	CH	1P	1P
-																
012	PACS Fil Bias B 6 . VHB		PX2.S -		P626	X03CC-28	10	626-3		TS7CC-28	HPBOLC	18	132300 P016	026	1P	1P
013	PACS Fil Bias B 6 . VTRIL		PX2.S -		P626	X03CC-28	10	626-3		TS7CC-28	HPBOLC	18	132300 P016	008	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P003
 HPSVMCB2

Function / Bundle: SIH-XP-10 (625b/c;626/b;627-628)

Conn.-Type: SCC340104401B06G2235SN

Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
014	PACS Fil Bias B 6 . GNDCL		PX2.S -		P626	X03CC-28	10	626-3		TS7CC-28	HPBOLC	18	132300 P016	027	1P	1P
015	PACS Fil Bias B 6 . VDPRO		PX2.S -		P626	X03CC-28	10	626-3		TS7CC-28	HPBOLC	18	132300 P016	009	1P	1P
021	PACS Fil Bias B 6 . VH		PX2.S -		P626	X03CC-28	10	626-3		TS7CC-28	HPBOLC	18	132300 P016	028	1P	1P
022	PACS Fil Bias B 6 . VL		PX2.S -		P626	X03CC-28	10	626-3		TS7CC-28	HPBOLC	18	132300 P016	010	1P	1P
023	PACS Fil Bias B 6 . VRL		PX2.S -		P626	X03CC-28	10	626-3		TS7CC-28	HPBOLC	18	132300 P016	029	1P	1P
052	PACS Fil Bias B 6 . SH626		PX2.S -		P626	X03CC-28	10	626-3		CS-626-3	HPBOLC	18	132300 P016	CH	1P	1P
-																
024	PACS Fil Bias B 6 . VCH		PX2.S -		P626	X03CC-28	11	626-2		TS6CC-28	HPBOLC	18	132300 P016	011	1P	1P
031	PACS Fil Bias B 6 . VSS		PX2.S -		P626	X03CC-28	11	626-2		TS6CC-28	HPBOLC	18	132300 P016	030	1P	1P
032	PACS Fil Bias B 6 . VDL		PX2.S -		P626	X03CC-28	11	626-2		TS6CC-28	HPBOLC	18	132300 P016	012	1P	1P
033	PACS Fil Bias B 6 . VINJ		PX2.S -		P626	X03CC-28	11	626-2		TS6CC-28	HPBOLC	18	132300 P016	031	1P	1P
034	PACS Fil Bias B 6 . VGL		PX2.S -		P626	X03CC-28	11	626-2		TS6CC-28	HPBOLC	18	132300 P016	013	1P	1P
042	PACS Fil Bias B 6 . VDD		PX2.S -		P626	X03CC-28	11	626-2		TS6CC-28	HPBOLC	18	132300 P016	032	1P	1P
052	PACS Fil Bias B 6 . SH626		PX2.S -		P626	X03CC-28	11	626-2		CS-626-2	HPBOLC	18	132300 P016	CH	1P	1P
-																
043	PACS Fil Bias B 6 . GNDBU		PX2.S -		P626	X03CC-28	12	626-1		TS6CC-28	HPBOLC	18	132300 P016	033	1P	1P
044	PACS Fil Bias B 6 . VPRBU		PX2.S -		P626	X03CC-28	12	626-1		TS6CC-28	HPBOLC	18	132300 P016	034	1P	1P
045	PACS Fil Bias B 6 . VGLBU		PX2.S -		P626	X03CC-28	12	626-1		TS6CC-28	HPBOLC	18	132300 P016	016	1P	1P
041	PACS Fil Bias B 6 . VGG		PX2.S -		P626	X03CC-28	12	626-1		TS6CC-28	HPBOLC	18	132300 P016	035	1P	1P
005	PACS Fil Bias B 6 . VSSBU		PX2.S -		P626	X03CC-28	12	626-1		TS6CC-28	HPBOLC	18	132300 P016	014	1P	1P
006	PACS Fil Bias B 6 . VDLBU		PX2.S -		P626	X03CC-28	12	626-1		TS6CC-28	HPBOLC	18	132300 P016	015	1P	1P
052	PACS Fil Bias B 6 . SH626		PX2.S -		P626	X03CC-28	12	626-1		CS-626-1	HPBOLC	18	132300 P016	CH	1P	1P
-																
007	Daisy chain to pin 052									Daisy chain pin 007 & pin 052					1P	
-																1P
CH	Overall Shield									Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 402 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132300 P015
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-10 (625)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
022	PACS S01-16 B 6 . REF16		PX1.S -		P625	X01CC-28	1	625b-1	1	TP2CC-28	HPSVMCB2	22	313200 P003	086	1P	1P
004	PACS S01-16 B 6 . S16		PX1.S -		P625	X01CC-28	1	625b-1	1	TP2CC-28	HPSVMCB2	22	313200 P003	078	1P	1P
023	PACS S01-16 B 6 . REF15		PX1.S -		P625	X01CC-28	1	625b-1	2	TP2CC-28	HPSVMCB2	22	313200 P003	087	1P	1P
005	PACS S01-16 B 6 . S15		PX1.S -		P625	X01CC-28	1	625b-1	2	TP2CC-28	HPSVMCB2	22	313200 P003	079	1P	1P
CH	PACS S01-16 B 6 . S625b		PX1.S -		P625	X01CC-28	1	625b-1		CS-625b-1	HPSVMCB2	22	313200 P003	077	1P	1P
-																
024	PACS S01-16 B 6 . REF14		PX1.S -		P625	X01CC-28	2	625b-2	3	TP3CC-28	HPSVMCB2	22	313200 P003	088	1P	1P
006	PACS S01-16 B 6 . S14		PX1.S -		P625	X01CC-28	2	625b-2	3	TP3CC-28	HPSVMCB2	22	313200 P003	080	1P	1P
025	PACS S01-16 B 6 . REF13		PX1.S -		P625	X01CC-28	2	625b-2	4	TP3CC-28	HPSVMCB2	22	313200 P003	089	1P	1P
007	PACS S01-16 B 6 . S13		PX1.S -		P625	X01CC-28	2	625b-2	4	TP3CC-28	HPSVMCB2	22	313200 P003	081	1P	1P
026	PACS S01-16 B 6 . REF12		PX1.S -		P625	X01CC-28	2	625b-2	5	TP3CC-28	HPSVMCB2	22	313200 P003	069	1P	1P
008	PACS S01-16 B 6 . S12		PX1.S -		P625	X01CC-28	2	625b-2	5	TP3CC-28	HPSVMCB2	22	313200 P003	059	1P	1P
CH	PACS S01-16 B 6 . S625b		PX1.S -		P625	X01CC-28	2	625b-2		CS-625b-2	HPSVMCB2	22	313200 P003	077	1P	1P
-																
027	PACS S01-16 B 6 . REF11		PX1.S -		P625	X01CC-28	3	625b-3	6	TP3CC-28	HPSVMCB2	22	313200 P003	070	1P	1P
009	PACS S01-16 B 6 . S11		PX1.S -		P625	X01CC-28	3	625b-3	6	TP3CC-28	HPSVMCB2	22	313200 P003	060	1P	1P
028	PACS S01-16 B 6 . REF10		PX1.S -		P625	X01CC-28	3	625b-3	7	TP3CC-28	HPSVMCB2	22	313200 P003	071	1P	1P
010	PACS S01-16 B 6 . S10		PX1.S -		P625	X01CC-28	3	625b-3	7	TP3CC-28	HPSVMCB2	22	313200 P003	061	1P	1P
029	PACS S01-16 B 6 . REF09		PX1.S -		P625	X01CC-28	3	625b-3	8	TP3CC-28	HPSVMCB2	22	313200 P003	072	1P	1P
011	PACS S01-16 B 6 . S09		PX1.S -		P625	X01CC-28	3	625b-3	8	TP3CC-28	HPSVMCB2	22	313200 P003	062	1P	1P
CH	PACS S01-16 B 6 . S625b		PX1.S -		P625	X01CC-28	3	625b-3		CS-625b-3	HPSVMCB2	22	313200 P003	077	1P	1P
-																
030	PACS S01-16 B 6 . REF08		PX1.S -		P625	X01CC-28	4	625c-1	9	TP3CC-28	HPSVMCB2	22	313200 P003	090	1P	1P
012	PACS S01-16 B 6 . S08		PX1.S -		P625	X01CC-28	4	625c-1	9	TP3CC-28	HPSVMCB2	22	313200 P003	082	1P	1P
031	PACS S01-16 B 6 . REF07		PX1.S -		P625	X01CC-28	4	625c-1	A	TP3CC-28	HPSVMCB2	22	313200 P003	091	1P	1P
013	PACS S01-16 B 6 . S07		PX1.S -		P625	X01CC-28	4	625c-1	A	TP3CC-28	HPSVMCB2	22	313200 P003	083	1P	1P
032	PACS S01-16 B 6 . REF06		PX1.S -		P625	X01CC-28	4	625c-1	B	TP3CC-28	HPSVMCB2	22	313200 P003	092	1P	1P
014	PACS S01-16 B 6 . S06		PX1.S -		P625	X01CC-28	4	625c-1	B	TP3CC-28	HPSVMCB2	22	313200 P003	084	1P	1P
CH	PACS S01-16 B 6 . S625c		PX1.S -		P625	X01CC-28	4	625c-1		CS-625c-1	HPSVMCB2	22	313200 P003	097	1P	1P
-																
033	PACS S01-16 B 6 . REF05		PX1.S -		P625	X01CC-28	5	625c-2	C	TP3CC-28	HPSVMCB2	22	313200 P003	093	1P	1P
015	PACS S01-16 B 6 . S05		PX1.S -		P625	X01CC-28	5	625c-2	C	TP3CC-28	HPSVMCB2	22	313200 P003	085	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P015
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-10 (625)

Conn.-Type: SCC340100201BDCMA37SNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
034	PACS S01-16 B 6 . REF04		PX1.S -		P625	X01CC-28	5	625c-2	D	TP3CC-28	HPSVMCB2	22	313200 P003	073	1P	1P
016	PACS S01-16 B 6 . S04		PX1.S -		P625	X01CC-28	5	625c-2	D	TP3CC-28	HPSVMCB2	22	313200 P003	063	1P	1P
035	PACS S01-16 B 6 . REF03		PX1.S -		P625	X01CC-28	5	625c-2	E	TP3CC-28	HPSVMCB2	22	313200 P003	074	1P	1P
017	PACS S01-16 B 6 . S03		PX1.S -		P625	X01CC-28	5	625c-2	E	TP3CC-28	HPSVMCB2	22	313200 P003	064	1P	1P
CH	PACS S01-16 B 6 . S625c		PX1.S -		P625	X01CC-28	5	625c-2		CS-625c-2	HPSVMCB2	22	313200 P003	097	1P	1P
-																
036	PACS S01-16 B 6 . REF02		PX1.S -		P625	X01CC-28	6	625c-3	F	TP2CC-28	HPSVMCB2	22	313200 P003	075	1P	1P
018	PACS S01-16 B 6 . S02		PX1.S -		P625	X01CC-28	6	625c-3	F	TP2CC-28	HPSVMCB2	22	313200 P003	065	1P	1P
037	PACS S01-16 B 6 . REF01		PX1.S -		P625	X01CC-28	6	625c-3	G	TP2CC-28	HPSVMCB2	22	313200 P003	076	1P	1P
019	PACS S01-16 B 6 . S01		PX1.S -		P625	X01CC-28	6	625c-3	G	TP2CC-28	HPSVMCB2	22	313200 P003	066	1P	1P
CH	PACS S01-16 B 6 . S625c		PX1.S -		P625	X01CC-28	6	625c-3		CS-625c-3	HPSVMCB2	22	313200 P003	097	1P	1P
001	NC		-													
020	NC		-													
002	NC		-													
021	NC		-													
003	NC		-													
CH	Overall Shield									Overall Shield con to CH						1P

Pin Allocation List

(Harness)

Connector: 132300 P016
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-10 (626-628)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FL Clock B 6 . VGDEC		PX6.S -		P628	X05CC-28	1	628-2		TS3CC-28	HPSVMCB2	22	313200 P003	008	1P	1P
020	PACS FL Clock B 6 . VSEL		PX6.S -		P628	X05CC-28	1	628-2		TS3CC-28	HPSVMCB2	22	313200 P003	009	1P	1P
002	PACS FL Clock B 6 . VGSEL		PX6.S -		P628	X05CC-28	1	628-2		TS3CC-28	HPSVMCB2	22	313200 P003	010	1P	1P
CH	PACS FL Clock B 6 . SH628		PX6.S -		P628	X05CC-28	1	628-2		CS-628-2	HPSVMCB2	22	313200 P003	016	1P	1P
-																
021	PACS FL Clock B 6 . AD6		PX6.S -		P628	X05CC-28	2	628-1		TS7CC-28	HPSVMCB2	22	313200 P003	011	1P	1P
003	PACS FL Clock B 6 . AD5		PX6.S -		P628	X05CC-28	2	628-1		TS7CC-28	HPSVMCB2	22	313200 P003	017	1P	1P
022	PACS FL Clock B 6 . AD4		PX6.S -		P628	X05CC-28	2	628-1		TS7CC-28	HPSVMCB2	22	313200 P003	018	1P	1P
004	PACS FL Clock B 6 . AD3		PX6.S -		P628	X05CC-28	2	628-1		TS7CC-28	HPSVMCB2	22	313200 P003	019	1P	1P
023	PACS FL Clock B 6 . AD2		PX6.S -		P628	X05CC-28	2	628-1		TS7CC-28	HPSVMCB2	22	313200 P003	020	1P	1P
005	PACS FL Clock B 6 . AD1		PX6.S -		P628	X05CC-28	2	628-1		TS7CC-28	HPSVMCB2	22	313200 P003	029	1P	1P
024	PACS FL Clock B 6 . AD0		PX6.S -		P628	X05CC-28	2	628-1		TS7CC-28	HPSVMCB2	22	313200 P003	030	1P	1P
CH	PACS FL Clock B 6 . SH628		PX6.S -		P628	X05CC-28	2	628-1		CS-628-1	HPSVMCB2	22	313200 P003	016	1P	1P
-																
006	PACS Fill LL CLK B 6 . VSMS		PX4.S -		P627	TS3CC-28	3				HPSVMCB2	22	313200 P003	001	1P	1P
025	PACS Fill LL CLK B 6 . CKRI		PX4.S -		P627	TS3CC-28	3				HPSVMCB2	22	313200 P003	002		1P
007	PACS Fill LL CLK B 6 . VDECX		PX4.S -		P627	TS3CC-28	3				HPSVMCB2	22	313200 P003	003		1P
CH	PACS Fill LL CLK B 6 . SH627		PX4.S -		P627	TS3CC-28	3			CS-P627	HPSVMCB2	22	313200 P003	004	1P	1P
-																
026	PACS Fil Bias B 6 . VHB		PX2.S -		P626	X03CC-28	4	626-3		TS7CC-28	HPSVMCB2	22	313200 P003	012	1P	1P
008	PACS Fil Bias B 6 . VTRIL		PX2.S -		P626	X03CC-28	4	626-3		TS7CC-28	HPSVMCB2	22	313200 P003	013	1P	1P
027	PACS Fil Bias B 6 . GNDCL		PX2.S -		P626	X03CC-28	4	626-3		TS7CC-28	HPSVMCB2	22	313200 P003	014	1P	1P
009	PACS Fil Bias B 6 . VDPRO		PX2.S -		P626	X03CC-28	4	626-3		TS7CC-28	HPSVMCB2	22	313200 P003	015	1P	1P
028	PACS Fil Bias B 6 . VH		PX2.S -		P626	X03CC-28	4	626-3		TS7CC-28	HPSVMCB2	22	313200 P003	021	1P	1P
010	PACS Fil Bias B 6 . VL		PX2.S -		P626	X03CC-28	4	626-3		TS7CC-28	HPSVMCB2	22	313200 P003	022	1P	1P
029	PACS Fil Bias B 6 . VRL		PX2.S -		P626	X03CC-28	4	626-3		TS7CC-28	HPSVMCB2	22	313200 P003	023	1P	1P
CH	PACS Fil Bias B 6 . SH626		PX2.S -		P626	X03CC-28	4	626-3		CS-626-3	HPSVMCB2	22	313200 P003	052	1P	1P
-																
011	PACS Fil Bias B 6 . VCH		PX2.S -		P626	X03CC-28	5	626-2		TS6CC-28	HPSVMCB2	22	313200 P003	024	1P	1P
030	PACS Fil Bias B 6 . VSS		PX2.S -		P626	X03CC-28	5	626-2		TS6CC-28	HPSVMCB2	22	313200 P003	031	1P	1P
012	PACS Fil Bias B 6 . VDL		PX2.S -		P626	X03CC-28	5	626-2		TS6CC-28	HPSVMCB2	22	313200 P003	032	1P	1P
031	PACS Fil Bias B 6 . VINJ		PX2.S -		P626	X03CC-28	5	626-2		TS6CC-28	HPSVMCB2	22	313200 P003	033	1P	1P
013	PACS Fil Bias B 6 . VGL		PX2.S -		P626	X03CC-28	5	626-2		TS6CC-28	HPSVMCB2	22	313200 P003	034	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P016
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-10 (626-628)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
032	PACS Fil Bias B 6 . VDD		PX2.S -		P626	X03CC-28	5	626-2		TS6CC-28	HPSVMCB2	22	313200 P003	042	1P 1P
CH	PACS Fil Bias B 6 . SH626		PX2.S -		P626	X03CC-28	5	626-2		CS-626-2	HPSVMCB2	22	313200 P003	052	1P 1P
-															
014	PACS Fil Bias B 6 . VSSBU		PX2.S -		P626	X03CC-28	6	626-1		TS6CC-28	HPSVMCB2	22	313200 P003	005	1P 1P
033	PACS Fil Bias B 6 . GNDBU		PX2.S -		P626	X03CC-28	6	626-1		TS6CC-28	HPSVMCB2	22	313200 P003	043	1P 1P
015	PACS Fil Bias B 6 . VDLBU		PX2.S -		P626	X03CC-28	6	626-1		TS6CC-28	HPSVMCB2	22	313200 P003	006	1P 1P
034	PACS Fil Bias B 6 . VPRBU		PX2.S -		P626	X03CC-28	6	626-1		TS6CC-28	HPSVMCB2	22	313200 P003	044	1P 1P
016	PACS Fil Bias B 6 . VGLBU		PX2.S -		P626	X03CC-28	6	626-1		TS6CC-28	HPSVMCB2	22	313200 P003	045	1P 1P
035	PACS Fil Bias B 6 . VGG		PX2.S -		P626	X03CC-28	6	626-1		TS6CC-28	HPSVMCB2	22	313200 P003	041	1P 1P
CH	PACS Fil Bias B 6 . SH626		PX2.S -		P626	X03CC-28	6	626-1		CS-626-1	HPSVMCB2	22	313200 P003	052	1P 1P
017	NC		-												
036	NC		-												
018	NC		-												
037	NC		-												
019	NC		-												
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 313200 P005
 HPSVMCB2

Function / Bundle: SIH-XP-11 (629-634;641-644)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
041	PACS Co M SP Temp . SENS		PBT.S -		P629	TP2CC-28	1		1		HPBOLC	18	132300 P017	002	1P	1P
031	PACS Co M SP Temp . SENRT		PBT.S -		P629	TP2CC-28	1		1		HPBOLC	18	132300 P017	023	1P	1P
042	PACS Co M SP Temp . DRV		PBT.S -		P629	TP2CC-28	1		2		HPBOLC	18	132300 P017	001	1P	1P
032	PACS Co M SP Temp . DRVRT		PBT.S -		P629	TP2CC-28	1		2		HPBOLC	18	132300 P017	022	1P	1P
033	PACS Co M SP Temp . SH629		PBT.S -		P629	TP2CC-28	1			CS-P629	HPBOLC	18	132300 P017	CH	1P	1P
-																
090	PACS Co M EV Temp . SENS		PBT.S -		P630	TP2CC-28	2		3		HPBOLC	18	132300 P017	025	1P	1P
082	PACS Co M EV Temp . SENRT		PBT.S -		P630	TP2CC-28	2		3		HPBOLC	18	132300 P017	045	1P	1P
091	PACS Co M EV Temp . DRV		PBT.S -		P630	TP2CC-28	2		4		HPBOLC	18	132300 P017	024	1P	1P
083	PACS Co M EV Temp . DRVRT		PBT.S -		P630	TP2CC-28	2		4		HPBOLC	18	132300 P017	044	1P	1P
084	PACS Co M EV Temp . SH630		PBT.S -		P630	TP2CC-28	2			CS-P630	HPBOLC	18	132300 P017	CH	1P	1P
-																
088	PACS Co M HSP Pump Temp . SENS		PBT.S -		P631	TP2CC-28	3		5		HPBOLC	18	132300 P017	027	1P	1P
080	PACS Co M HSP Pump Temp . SENRT		PBT.S -		P631	TP2CC-28	3		5		HPBOLC	18	132300 P017	047	1P	1P
089	PACS Co M HSP Pump Temp . DRV		PBT.S -		P631	TP2CC-28	3		6		HPBOLC	18	132300 P017	026	1P	1P
081	PACS Co M HSP Pump Temp . DRVRT		PBT.S -		P631	TP2CC-28	3		6		HPBOLC	18	132300 P017	046	1P	1P
087	PACS Co M HSP Pump Temp . SH631		PBT.S -		P631	TP2CC-28	3			CS-P631	HPBOLC	18	132300 P017	CH	1P	1P
-																
070	PACS Co M HSE Pump Temp . SENS		PBT.S -		P632	TP2CC-28	4		7		HPBOLC	18	132300 P017	007	1P	1P
060	PACS Co M HSE Pump Temp . SENRT		PBT.S -		P632	TP2CC-28	4		7		HPBOLC	18	132300 P017	029	1P	1P
071	PACS Co M HSE Pump Temp . DRV		PBT.S -		P632	TP2CC-28	4		8		HPBOLC	18	132300 P017	006	1P	1P
061	PACS Co M HSE Pump Temp . DRVRT		PBT.S -		P632	TP2CC-28	4		8		HPBOLC	18	132300 P017	028	1P	1P
069	PACS Co M HSE Pump Temp . SH632		PBT.S -		P632	TP2CC-28	4			CS-P632	HPBOLC	18	132300 P017	CH	1P	1P
-																
049	PACS CO M Shunt Temp . SENS		PBT.S -		P633	TP2CC-28	5		9		HPBOLC	18	132300 P017	030	1P	1P
039	PACS CO M Shunt Temp . SENRT		PBT.S -		P633	TP2CC-28	5		9		HPBOLC	18	132300 P017	050	1P	1P
050	PACS CO M Shunt Temp . DRV		PBT.S -		P633	TP2CC-28	5		A		HPBOLC	18	132300 P017	008	1P	1P
040	PACS CO M Shunt Temp . DRVRT		PBT.S -		P633	TP2CC-28	5		A		HPBOLC	18	132300 P017	009	1P	1P
048	PACS CO M Shunt Temp . SH633		PBT.S -		P633	TP2CC-28	5			CS-P633	HPBOLC	18	132300 P017	CH	1P	1P
-																
073	PACS CO M Heat . SPSEN		PBH.S -		P634	TP2CC-28	7	634-2	B		HPBOLC	18	132300 P017	012	1P	1P
063	PACS CO M Heat . SPSRT		PBH.S -		P634	TP2CC-28	7	634-2	B		HPBOLC	18	132300 P017	013	1P	1P
074	PACS CO M Heat . SPDRV		PBH.S -		P634	TP2CC-28	7	634-2	C		HPBOLC	18	132300 P017	010	1P	1P
064	PACS CO M Heat . SPDRT		PBH.S -		P634	TP2CC-28	7	634-2	C		HPBOLC	18	132300 P017	011	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P005
 HPSVMCB2

Function / Bundle: SIH-XP-11 (629-634;641-644)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
045	PACS CO M Heat . SH634		PBH.S -		P634	TP2CC-28	7	634-2		CS-634-2	HPBOLC	18	132300 P017	CH	1P	1P
-																
075	PACS CO M Heat . HSESE		PBH.S -		P634	TP2CC-28	6	634-1	D		HPBOLC	18	132300 P017	032	1P	1P
065	PACS CO M Heat . HSESR		PBH.S -		P634	TP2CC-28	6	634-1	D		HPBOLC	18	132300 P017	052	1P	1P
076	PACS CO M Heat . HSEDV		PBH.S -		P634	TP2CC-28	6	634-1	E		HPBOLC	18	132300 P017	031	1P	1P
066	PACS CO M Heat . HSEDR		PBH.S -		P634	TP2CC-28	6	634-1	E		HPBOLC	18	132300 P017	051	1P	1P
045	PACS CO M Heat . SH634		PBH.S -		P634	TP2CC-28	6	634-1		CS-634-1	HPBOLC	18	132300 P017	CH	1P	1P
-																
052	PACS CO M Heat . HSPSE		PBH.S -		P634	TP2CC-28	8	634-3	F		HPBOLC	18	132300 P017	034	1P	1P
053	PACS CO M Heat . HSPSR		PBH.S -		P634	TP2CC-28	8	634-3	F		HPBOLC	18	132300 P017	054	1P	1P
054	PACS CO M Heat . HSPDV		PBH.S -		P634	TP2CC-28	8	634-3	G		HPBOLC	18	132300 P017	033	1P	1P
055	PACS CO M Heat . HSPDR		PBH.S -		P634	TP2CC-28	8	634-3	G		HPBOLC	18	132300 P017	053	1P	1P
045	PACS CO M Heat . SH634		PBH.S -		P634	TP2CC-28	8	634-3		CS-634-3	HPBOLC	18	132300 P017	CH	1P	1P
-																
018	PACS FPU 1 M Temp . SENS		PBT.S -		P641	TP2CC-28	9		H		HPBOLC	18	132300 P017	016	1P	1P
010	PACS FPU 1 M Temp . SENRT		PBT.S -		P641	TP2CC-28	9		H		HPBOLC	18	132300 P017	037	1P	1P
019	PACS FPU 1 M Temp . DRV		PBT.S -		P641	TP2CC-28	9		I		HPBOLC	18	132300 P017	015	1P	1P
011	PACS FPU 1 M Temp . DRVRT		PBT.S -		P641	TP2CC-28	9		I		HPBOLC	18	132300 P017	036	1P	1P
017	PACS FPU 1 M Temp . SH641		PBT.S -		P641	TP2CC-28	9			CS-P641	HPBOLC	18	132300 P017	CH	1P	1P
-																
029	PACS FPU 2 M Temp . SENS		PBT.S -		P642	TP2CC-28	10		K		HPBOLC	18	132300 P017	018	1P	1P
020	PACS FPU 2 M Temp . SENRT		PBT.S -		P642	TP2CC-28	10		K		HPBOLC	18	132300 P017	039	1P	1P
030	PACS FPU 2 M Temp . DRV		PBT.S -		P642	TP2CC-28	10		L		HPBOLC	18	132300 P017	017	1P	1P
021	PACS FPU 2 M Temp . DRVRT		PBT.S -		P642	TP2CC-28	10		L		HPBOLC	18	132300 P017	038	1P	1P
028	PACS FPU 2 M Temp . SH642		PBT.S -		P642	TP2CC-28	10			CS-P642	HPBOLC	18	132300 P017	CH	1P	1P
-																
004	PACS FPU M Struc Temp . SENS		PBT.S -		P643	TP2CC-28	11		M		HPBOLC	18	132300 P017	060	1P	1P
005	PACS FPU M Struc Temp . SENRT		PBT.S -		P643	TP2CC-28	11		M		HPBOLC	18	132300 P017	061	1P	1P
006	PACS FPU M Struc Temp . DRV		PBT.S -		P643	TP2CC-28	11		N		HPBOLC	18	132300 P017	019	1P	1P
007	PACS FPU M Struc Temp . DRVRT		PBT.S -		P643	TP2CC-28	12		N		HPBOLC	18	132300 P017	040	1P	1P
003	PACS FPU M Struc Temp . SH643		PBT.S -		P643	TP2CC-28	11			CS-P643	HPBOLC	18	132300 P017	CH	1P	1P
-																
023	PACS FPU M Heat . SENS		PBF.S -		P644	TP2CC-28	12		P		HPBOLC	18	132300 P017	021	1P	1P
014	PACS FPU M Heat . SENRT		PBF.S -		P644	TP2CC-28	12		P		HPBOLC	18	132300 P017	042	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 409 (of 464)

Connector: 313200 P005
 HPSVMCB2

Function / Bundle: SIH-XP-11 (629-634;641-644)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
024	PACS FPU M Heat . DRV		PBF.S -		P644	TP2CC-28	12		Q		HPBOLC	18	132300 P017	020	1P 1P
015	PACS FPU M Heat . DRVRT		PBF.S -		P644	TP2CC-28	12		Q		HPBOLC	18	132300 P017	041	1P 1P
013	PACS FPU M Heat . SH644		PBF.S -		P644	TP2CC-28	12			CS-P644	HPBOLC	18	132300 P017	CH	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 410 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132300 P017
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-11 (529-34,541-544)

Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS Co M SP Temp . DRV		PBT.S -		P629	TP2CC-28	1		1		HPSVMCB2	22	313200 P005	042	1P	1P
022	PACS Co M SP Temp . DRVRT		PBT.S -		P629	TP2CC-28	1		1		HPSVMCB2	22	313200 P005	032	1P	1P
002	PACS Co M SP Temp . SENS		PBT.S -		P629	TP2CC-28	1		2		HPSVMCB2	22	313200 P005	041	1P	1P
023	PACS Co M SP Temp . SENRT		PBT.S -		P629	TP2CC-28	1		2		HPSVMCB2	22	313200 P005	031	1P	1P
CH	PACS Co M SP Temp . SH629		PBT.S -		P629	TP2CC-28	1			CS-P629	HPSVMCB2	22	313200 P005	033	1P	1P
-																
024	PACS Co M EV Temp . DRV		PBT.S -		P630	TP2CC-28	2		3		HPSVMCB2	22	313200 P005	091	1P	1P
044	PACS Co M EV Temp . DRVRT		PBT.S -		P630	TP2CC-28	2		3		HPSVMCB2	22	313200 P005	083	1P	1P
025	PACS Co M EV Temp . SENS		PBT.S -		P630	TP2CC-28	2		4		HPSVMCB2	22	313200 P005	090	1P	1P
045	PACS Co M EV Temp . SENRT		PBT.S -		P630	TP2CC-28	2		4		HPSVMCB2	22	313200 P005	082	1P	1P
CH	PACS Co M EV Temp . SH630		PBT.S -		P630	TP2CC-28	2			CS-P630	HPSVMCB2	22	313200 P005	084	1P	1P
-																
026	PACS Co M HSP Pump Temp . DRV		PBT.S -		P631	TP2CC-28	3		5		HPSVMCB2	22	313200 P005	089	1P	1P
046	PACS Co M HSP Pump Temp . DRVRT		PBT.S -		P631	TP2CC-28	3		5		HPSVMCB2	22	313200 P005	081	1P	1P
027	PACS Co M HSP Pump Temp . SENS		PBT.S -		P631	TP2CC-28	3		6		HPSVMCB2	22	313200 P005	088	1P	1P
047	PACS Co M HSP Pump Temp . SENRT		PBT.S -		P631	TP2CC-28	3		6		HPSVMCB2	22	313200 P005	080	1P	1P
CH	PACS Co M HSP Pump Temp . SH631		PBT.S -		P631	TP2CC-28	3			CS-P631	HPSVMCB2	22	313200 P005	087	1P	1P
-																
006	PACS Co M HSE Pump Temp . DRV		PBT.S -		P632	TP2CC-28	4		7		HPSVMCB2	22	313200 P005	071	1P	1P
028	PACS Co M HSE Pump Temp . DRVRT		PBT.S -		P632	TP2CC-28	4		7		HPSVMCB2	22	313200 P005	061	1P	1P
007	PACS Co M HSE Pump Temp . SENS		PBT.S -		P632	TP2CC-28	4		8		HPSVMCB2	22	313200 P005	070	1P	1P
029	PACS Co M HSE Pump Temp . SENRT		PBT.S -		P632	TP2CC-28	4		8		HPSVMCB2	22	313200 P005	060	1P	1P
CH	PACS Co M HSE Pump Temp . SH632		PBT.S -		P632	TP2CC-28	4			CS-P632	HPSVMCB2	22	313200 P005	069	1P	1P
-																
008	PACS CO M Shunt Temp . DRV		PBT.S -		P633	TP2CC-28	5		9		HPSVMCB2	22	313200 P005	050	1P	1P
009	PACS CO M Shunt Temp . DRVRT		PBT.S -		P633	TP2CC-28	5		9		HPSVMCB2	22	313200 P005	040	1P	1P
030	PACS CO M Shunt Temp . SENS		PBT.S -		P633	TP2CC-28	5		A		HPSVMCB2	22	313200 P005	049	1P	1P
050	PACS CO M Shunt Temp . SENRT		PBT.S -		P633	TP2CC-28	5		A		HPSVMCB2	22	313200 P005	039	1P	1P
CH	PACS CO M Shunt Temp . SH633		PBT.S -		P633	TP2CC-28	5			CS-P633	HPSVMCB2	22	313200 P005	048	1P	1P
-																
031	PACS CO M Heat . HSEDV		PBH.S -		P634	TP2CC-28	6	634-1	B		HPSVMCB2	22	313200 P005	076	1P	1P
051	PACS CO M Heat . HSEDR		PBH.S -		P634	TP2CC-28	6	634-1	B		HPSVMCB2	22	313200 P005	066	1P	1P
032	PACS CO M Heat . HSESE		PBH.S -		P634	TP2CC-28	6	634-1	C		HPSVMCB2	22	313200 P005	075	1P	1P
052	PACS CO M Heat . HSESR		PBH.S -		P634	TP2CC-28	6	634-1	C		HPSVMCB2	22	313200 P005	065	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P017
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-11 (529-34,541-544)

Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
CH	PACS CO M Heat . SH634		PBH.S -		P634	TP2CC-28	6	634-1		CS-634-1	HPSVMCB2	22	313200 P005	045	1P	1P
-																
010	PACS CO M Heat . SPDRV		PBH.S -		P634	TP2CC-28	7	634-2	D		HPSVMCB2	22	313200 P005	074	1P	1P
011	PACS CO M Heat . SPDRT		PBH.S -		P634	TP2CC-28	7	634-2	D		HPSVMCB2	22	313200 P005	064	1P	1P
012	PACS CO M Heat . SPSEN		PBH.S -		P634	TP2CC-28	7	634-2	E		HPSVMCB2	22	313200 P005	073	1P	1P
013	PACS CO M Heat . SPSRT		PBH.S -		P634	TP2CC-28	7	634-2	E		HPSVMCB2	22	313200 P005	063	1P	1P
CH	PACS CO M Heat . SH634		PBH.S -		P634	TP2CC-28	7	634-2		CS-634-2	HPSVMCB2	22	313200 P005	045	1P	1P
-																
033	PACS CO M Heat . HSPDV		PBH.S -		P634	TP2CC-28	8	634-3	F		HPSVMCB2	22	313200 P005	054	1P	1P
053	PACS CO M Heat . HSPDR		PBH.S -		P634	TP2CC-28	8	634-3	F		HPSVMCB2	22	313200 P005	055	1P	1P
034	PACS CO M Heat . HSPSE		PBH.S -		P634	TP2CC-28	8	634-3	G		HPSVMCB2	22	313200 P005	052	1P	1P
054	PACS CO M Heat . HSPSR		PBH.S -		P634	TP2CC-28	8	634-3	G		HPSVMCB2	22	313200 P005	053	1P	1P
CH	PACS CO M Heat . SH634		PBH.S -		P634	TP2CC-28	8	634-3		CS-634-3	HPSVMCB2	22	313200 P005	045	1P	1P
-																
015	PACS FPU 1 M Temp . DRV		PBT.S -		P641	TP2CC-28	9		H		HPSVMCB2	22	313200 P005	019	1P	1P
036	PACS FPU 1 M Temp . DRVRT		PBT.S -		P641	TP2CC-28	9		H		HPSVMCB2	22	313200 P005	011	1P	1P
016	PACS FPU 1 M Temp . SENS		PBT.S -		P641	TP2CC-28	9		I		HPSVMCB2	22	313200 P005	018	1P	1P
037	PACS FPU 1 M Temp . SENRT		PBT.S -		P641	TP2CC-28	9		I		HPSVMCB2	22	313200 P005	010	1P	1P
CH	PACS FPU 1 M Temp . SH641		PBT.S -		P641	TP2CC-28	9			CS-P641	HPSVMCB2	22	313200 P005	017	1P	1P
-																
017	PACS FPU 2 M Temp . DRV		PBT.S -		P642	TP2CC-28	10		K		HPSVMCB2	22	313200 P005	030	1P	1P
038	PACS FPU 2 M Temp . DRVRT		PBT.S -		P642	TP2CC-28	10		K		HPSVMCB2	22	313200 P005	021	1P	1P
018	PACS FPU 2 M Temp . SENS		PBT.S -		P642	TP2CC-28	10		L		HPSVMCB2	22	313200 P005	029	1P	1P
039	PACS FPU 2 M Temp . SENRT		PBT.S -		P642	TP2CC-28	10		L		HPSVMCB2	22	313200 P005	020	1P	1P
CH	PACS FPU 2 M Temp . SH642		PBT.S -		P642	TP2CC-28	10			CS-P642	HPSVMCB2	22	313200 P005	028	1P	1P
-																
019	PACS FPU M Struc Temp . DRV		PBT.S -		P643	TP2CC-28	11		M		HPSVMCB2	22	313200 P005	006	1P	1P
040	PACS FPU M Struc Temp . DRVRT		PBT.S -		P643	TP2CC-28	11		M		HPSVMCB2	22	313200 P005	007	1P	1P
060	PACS FPU M Struc Temp . SENS		PBT.S -		P643	TP2CC-28	11		N		HPSVMCB2	22	313200 P005	004	1P	1P
061	PACS FPU M Struc Temp . SENRT		PBT.S -		P643	TP2CC-28	11		N		HPSVMCB2	22	313200 P005	005	1P	1P
CH	PACS FPU M Struc Temp . SH643		PBT.S -		P643	TP2CC-28	11			CS-P643	HPSVMCB2	22	313200 P005	003	1P	1P
-																
020	PACS FPU M Heat . DRV		PBF.S -		P644	TP2CC-28	12		P		HPSVMCB2	22	313200 P005	024	1P	1P
041	PACS FPU M Heat . DRVRT		PBF.S -		P644	TP2CC-28	12		P		HPSVMCB2	22	313200 P005	015	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 413 (of 464)

Connector: 132300 P017
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-11 (529-34,541-544)

Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
021	PACS FPU M Heat . SENS		PBF.S -		P644	TP2CC-28	12		Q		HPSVMCB2	22	313200 P005	023	1P 1P
042	PACS FPU M Heat . SENRT		PBF.S -		P644	TP2CC-28	12		Q		HPSVMCB2	22	313200 P005	014	1P 1P
CH	PACS FPU M Heat . SH644		PBF.S -		P644	TP2CC-28	12			CS-P644	HPSVMCB2	22	313200 P005	013	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 414 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313200 P007
 HPSVMCB2

Function / Bundle: SIH-XP-12 (635-640;645-648)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
041	PACS Co R SP Temp . SENS		PBT.S -		P635	TP2CC-28	1		1		HPBOLC	18	132300 P018	002	1P	1P
031	PACS Co R SP Temp . SENRT		PBT.S -		P635	TP2CC-28	1		1		HPBOLC	18	132300 P018	023	1P	1P
042	PACS Co R SP Temp . DRV		PBT.S -		P635	TP2CC-28	1		2		HPBOLC	18	132300 P018	001	1P	1P
032	PACS Co R SP Temp . DRVRT		PBT.S -		P635	TP2CC-28	1		2		HPBOLC	18	132300 P018	022	1P	1P
033	PACS Co R SP Temp . SH635		PBT.S -		P635	TP2CC-28	1			CS-P635	HPBOLC	18	132300 P018	CH	1P	1P
-																
090	PACS Co R EV Temp . SENS		PBT.- -		P636	TP2SS-38	2		3		HPBOLC	18	132300 P018	025	1P	1P
082	PACS Co R EV Temp . SENRT		PBT.- -		P636	TP2SS-38	2		3		HPBOLC	18	132300 P018	045	1P	1P
091	PACS Co R EV Temp . DRV		PBT.- -		P636	TP2SS-38	2		4		HPBOLC	18	132300 P018	024	1P	1P
083	PACS Co R EV Temp . DRVRT		PBT.- -		P636	TP2SS-38	2		4		HPBOLC	18	132300 P018	044	1P	1P
084	PACS Co R EV Temp . SH636		PBT.- -		P636	TP2SS-38	2			CS-P636	HPBOLC	18	132300 P018	CH	1P	1P
-																
088	PACS Co R HSP Pump Temp . SENS		PBT.S -		P637	TP2CC-28	3		5		HPBOLC	18	132300 P018	027	1P	1P
080	PACS Co R HSP Pump Temp . SENRT		PBT.S -		P637	TP2CC-28	3		5		HPBOLC	18	132300 P018	047	1P	1P
089	PACS Co R HSP Pump Temp . DRV		PBT.S -		P637	TP2CC-28	3		6		HPBOLC	18	132300 P018	026	1P	1P
081	PACS Co R HSP Pump Temp . DRVRT		PBT.S -		P637	TP2CC-28	3		6		HPBOLC	18	132300 P018	046	1P	1P
087	PACS Co R HSP Pump Temp . SH637		PBT.S -		P637	TP2CC-28	3			CS-P637	HPBOLC	18	132300 P018	CH	1P	1P
-																
070	PACS Co R HSE Pump Temp . SENS		PBT.S -		P638	TP2CC-28	4		7		HPBOLC	18	132300 P018	007	1P	1P
060	PACS Co R HSE Pump Temp . SENRT		PBT.S -		P638	TP2CC-28	4		7		HPBOLC	18	132300 P018	029	1P	1P
071	PACS Co R HSE Pump Temp . DRV		PBT.S -		P638	TP2CC-28	4		8		HPBOLC	18	132300 P018	006	1P	1P
061	PACS Co R HSE Pump Temp . DRVRT		PBT.S -		P638	TP2CC-28	4		8		HPBOLC	18	132300 P018	028	1P	1P
069	PACS Co R HSE Pump Temp . SH638		PBT.S -		P638	TP2CC-28	4			CS-P638	HPBOLC	18	132300 P018	CH	1P	1P
-																
049	PACS Co R Shunt Temp . SENS		PBT.S -		P639	TP2CC-28	5		9		HPBOLC	18	132300 P018	030	1P	1P
039	PACS Co R Shunt Temp . SENRT		PBT.S -		P639	TP2CC-28	5		9		HPBOLC	18	132300 P018	050	1P	1P
050	PACS Co R Shunt Temp . DRV		PBT.S -		P639	TP2CC-28	5		A		HPBOLC	18	132300 P018	008	1P	1P
040	PACS Co R Shunt Temp . DRVRT		PBT.S -		P639	TP2CC-28	5		A		HPBOLC	18	132300 P018	009	1P	1P
048	PACS Co R Shunt Temp . SH639		PBT.S -		P639	TP2CC-28	5			CS-P639	HPBOLC	18	132300 P018	CH	1P	1P
-																
073	PACS R Heat . SPSEN		PBH.S -		P640	TP2CC-28	7	640-2	B		HPBOLC	18	132300 P018	012	1P	1P
063	PACS R Heat . SPSEK		PBH.S -		P640	TP2CC-28	7	640-2	B		HPBOLC	18	132300 P018	013	1P	1P
074	PACS R Heat . SPDRV		PBH.S -		P640	TP2CC-28	7	640-2	C		HPBOLC	18	132300 P018	010	1P	1P
064	PACS R Heat . SPDRT		PBH.S -		P640	TP2CC-28	7	640-2	C		HPBOLC	18	132300 P018	011	1P	1P

Pin Allocation List

(Harness)

Connector: 313200 P007
 HPSVMCB2

Function / Bundle: SIH-XP-12 (635-640;645-648)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
045	PACS R Heat . SH640		PBH.S -		P640	TP2CC-28	7	640-2		CS-640-2	HPBOLC	18	132300 P018	CH	1P	1P
-																
075	PACS R Heat . HSESE		PBH.S -		P640	TP2CC-28	6	640-1	D		HPBOLC	18	132300 P018	032	1P	1P
065	PACS R Heat . HSERT		PBH.S -		P640	TP2CC-28	6	640-1	D		HPBOLC	18	132300 P018	052	1P	1P
076	PACS R Heat . HSEDEV		PBH.S -		P640	TP2CC-28	6	640-1	E		HPBOLC	18	132300 P018	031	1P	1P
066	PACS R Heat . HSEDR		PBH.S -		P640	TP2CC-28	6	640-1	E		HPBOLC	18	132300 P018	051	1P	1P
045	PACS R Heat . SH640		PBH.S -		P640	TP2CC-28	6	640-1		CS-640-1	HPBOLC	18	132300 P018	CH	1P	1P
-																
052	PACS R Heat . HSPSE		PBH.S -		P640	TP2CC-28	8	640-3	F		HPBOLC	18	132300 P018	034	1P	1P
053	PACS R Heat . HSPSR		PBH.S -		P640	TP2CC-28	8	640-3	F		HPBOLC	18	132300 P018	054	1P	1P
054	PACS R Heat . HSPDV		PBH.S -		P640	TP2CC-28	8	640-3	G		HPBOLC	18	132300 P018	033	1P	1P
055	PACS R Heat . HSPDR		PBH.S -		P640	TP2CC-28	8	640-3	G		HPBOLC	18	132300 P018	053	1P	1P
045	PACS R Heat . SH640		PBH.S -		P640	TP2CC-28	8	640-3		CS-640-3	HPBOLC	18	132300 P018	CH	1P	1P
-																
018	PACS FPU 1 R Temp . SENS		PBT.S -		P645	TP2CC-28	9		H		HPBOLC	18	132300 P018	016	1P	1P
010	PACS FPU 1 R Temp . SENRT		PBT.S -		P645	TP2CC-28	9		H		HPBOLC	18	132300 P018	037	1P	1P
019	PACS FPU 1 R Temp . DRV		PBT.S -		P645	TP2CC-28	9		I		HPBOLC	18	132300 P018	015	1P	1P
011	PACS FPU 1 R Temp . DRVRT		PBT.S -		P645	TP2CC-28	9		I		HPBOLC	18	132300 P018	036	1P	1P
017	PACS FPU 1 R Temp . SH645		PBT.S -		P645	TP2CC-28	9			CS-P645	HPBOLC	18	132300 P018	CH	1P	1P
-																
029	PACS FPU2 R Temp . SENS		PBT.S -		P646	TP2CC-28	10		K		HPBOLC	18	132300 P018	018	1P	1P
020	PACS FPU2 R Temp . SENRT		PBT.S -		P646	TP2CC-28	10		K		HPBOLC	18	132300 P018	039	1P	1P
030	PACS FPU2 R Temp . DRV		PBT.S -		P646	TP2CC-28	10		L		HPBOLC	18	132300 P018	017	1P	1P
021	PACS FPU2 R Temp . DRVRT		PBT.S -		P646	TP2CC-28	10		L		HPBOLC	18	132300 P018	038	1P	1P
028	PACS FPU2 R Temp . SH646		PBT.S -		P646	TP2CC-28	10			CS-P646	HPBOLC	18	132300 P018	CH	1P	1P
-																
004	PACS FPU R Struc Temp . SENS		PBT.S -		P647	TP2CC-28	11		M		HPBOLC	18	132300 P018	060	1P	1P
005	PACS FPU R Struc Temp . SENRT		PBT.S -		P647	TP2CC-28	11		M		HPBOLC	18	132300 P018	061	1P	1P
006	PACS FPU R Struc Temp . DRV		PBT.S -		P647	TP2CC-28	11		N		HPBOLC	18	132300 P018	019	1P	1P
007	PACS FPU R Struc Temp . DRVRT		PBT.S -		P647	TP2CC-28	11		N		HPBOLC	18	132300 P018	040	1P	1P
003	PACS FPU R Struc Temp . SH647		PBT.S -		P647	TP2CC-28	11			CS-P647	HPBOLC	18	132300 P018	CH	1P	1P
-																
023	PACS FPU R Heat . SENS		PBF.S -		P648	TP2CC-28	12		P		HPBOLC	18	132300 P018	021	1P	1P
014	PACS FPU R Heat . SENRT		PBF.S -		P648	TP2CC-28	12		P		HPBOLC	18	132300 P018	042	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 417 (of 464)

Connector: 313200 P007
 HPSVMCB2

Function / Bundle: SIH-XP-12 (635-640;645-648)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
024	PACS FPU R Heat . DRV		PBF.S -		P648	TP2CC-28	12		Q		HPBOLC	18	132300 P018	020	1P 1P
015	PACS FPU R Heat . DRVRT		PBF.S -		P648	TP2CC-28	12		Q		HPBOLC	18	132300 P018	041	1P 1P
013	PACS FPU R Heat . SH648		PBF.S -		P648	TP2CC-28	12			CS-P648	HPBOLC	18	132300 P018	CH	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 418 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132300 P018
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-12 (535-540,545-548)

Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS Co R SP Temp . DRV		PBT.S -		P635	TP2CC-28	1		1		HPSVMCB2	22	313200 P007	042	1P	1P
022	PACS Co R SP Temp . DRVRT		PBT.S -		P635	TP2CC-28	1		1		HPSVMCB2	22	313200 P007	032	1P	1P
002	PACS Co R SP Temp . SENS		PBT.S -		P635	TP2CC-28	1		2		HPSVMCB2	22	313200 P007	041	1P	1P
023	PACS Co R SP Temp . SENRT		PBT.S -		P635	TP2CC-28	1		2		HPSVMCB2	22	313200 P007	031	1P	1P
CH	PACS Co R SP Temp . SH635		PBT.S -		P635	TP2CC-28	1			CS-P635	HPSVMCB2	22	313200 P007	033	1P	1P
-																
024	PACS Co R EV Temp . DRV		PBT.- -		P636	TP2SS-38	2		3		HPSVMCB2	22	313200 P007	091	1P	1P
044	PACS Co R EV Temp . DRVRT		PBT.- -		P636	TP2SS-38	2		3		HPSVMCB2	22	313200 P007	083	1P	1P
025	PACS Co R EV Temp . SENS		PBT.- -		P636	TP2SS-38	2		4		HPSVMCB2	22	313200 P007	090	1P	1P
045	PACS Co R EV Temp . SENRT		PBT.- -		P636	TP2SS-38	2		4		HPSVMCB2	22	313200 P007	082	1P	1P
CH	PACS Co R EV Temp . SH636		PBT.- -		P636	TP2SS-38	2			CS-P636	HPSVMCB2	22	313200 P007	084	1P	1P
-																
026	PACS Co R HSP Pump Temp . DRV		PBT.S -		P637	TP2CC-28	3		5		HPSVMCB2	22	313200 P007	089	1P	1P
046	PACS Co R HSP Pump Temp . DRVRT		PBT.S -		P637	TP2CC-28	3		5		HPSVMCB2	22	313200 P007	081	1P	1P
027	PACS Co R HSP Pump Temp . SENS		PBT.S -		P637	TP2CC-28	3		6		HPSVMCB2	22	313200 P007	088	1P	1P
047	PACS Co R HSP Pump Temp . SENRT		PBT.S -		P637	TP2CC-28	3		6		HPSVMCB2	22	313200 P007	080	1P	1P
CH	PACS Co R HSP Pump Temp . SH637		PBT.S -		P637	TP2CC-28	3			CS-P637	HPSVMCB2	22	313200 P007	087	1P	1P
-																
006	PACS Co R HSE Pump Temp . DRV		PBT.S -		P638	TP2CC-28	4		7		HPSVMCB2	22	313200 P007	071	1P	1P
028	PACS Co R HSE Pump Temp . DRVRT		PBT.S -		P638	TP2CC-28	4		7		HPSVMCB2	22	313200 P007	061	1P	1P
007	PACS Co R HSE Pump Temp . SENS		PBT.S -		P638	TP2CC-28	4		8		HPSVMCB2	22	313200 P007	070	1P	1P
029	PACS Co R HSE Pump Temp . SENRT		PBT.S -		P638	TP2CC-28	4		8		HPSVMCB2	22	313200 P007	060	1P	1P
CH	PACS Co R HSE Pump Temp . SH638		PBT.S -		P638	TP2CC-28	4			CS-P638	HPSVMCB2	22	313200 P007	069	1P	1P
-																
008	PACS Co R Shunt Temp . DRV		PBT.S -		P639	TP2CC-28	5		9		HPSVMCB2	22	313200 P007	050	1P	1P
009	PACS Co R Shunt Temp . DRVRT		PBT.S -		P639	TP2CC-28	5		9		HPSVMCB2	22	313200 P007	040	1P	1P
030	PACS Co R Shunt Temp . SENS		PBT.S -		P639	TP2CC-28	5		A		HPSVMCB2	22	313200 P007	049	1P	1P
050	PACS Co R Shunt Temp . SENRT		PBT.S -		P639	TP2CC-28	5		A		HPSVMCB2	22	313200 P007	039	1P	1P
CH	PACS Co R Shunt Temp . SH639		PBT.S -		P639	TP2CC-28	5			CS-P639	HPSVMCB2	22	313200 P007	048	1P	1P
-																
031	PACS R Heat . HSEDV		PBH.S -		P640	TP2CC-28	6	640-1	B		HPSVMCB2	22	313200 P007	076	1P	1P
051	PACS R Heat . HSEDR		PBH.S -		P640	TP2CC-28	6	640-1	B		HPSVMCB2	22	313200 P007	066	1P	1P
032	PACS R Heat . HSESE		PBH.S -		P640	TP2CC-28	6	640-1	C		HPSVMCB2	22	313200 P007	075	1P	1P
052	PACS R Heat . HSERT		PBH.S -		P640	TP2CC-28	6	640-1	C		HPSVMCB2	22	313200 P007	065	1P	1P

Pin Allocation List

(Harness)

Connector: 132300 P018
HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-12 (535-540,545-548)

Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
CH	PACS R Heat . SH640		PBH.S -		P640	TP2CC-28	6	640-1		CS-640-1	HPSVMCB2	22	313200 P007	045	1P	1P
-																
010	PACS R Heat . SPDRV		PBH.S -		P640	TP2CC-28	7	640-2	D		HPSVMCB2	22	313200 P007	074	1P	1P
011	PACS R Heat . SPDRT		PBH.S -		P640	TP2CC-28	7	640-2	D		HPSVMCB2	22	313200 P007	064	1P	1P
012	PACS R Heat . SPSEN		PBH.S -		P640	TP2CC-28	7	640-2	E		HPSVMCB2	22	313200 P007	073	1P	1P
013	PACS R Heat . SPSEK		PBH.S -		P640	TP2CC-28	7	640-2	E		HPSVMCB2	22	313200 P007	063	1P	1P
CH	PACS R Heat . SH640		PBH.S -		P640	TP2CC-28	7	640-2		CS-640-2	HPSVMCB2	22	313200 P007	045	1P	1P
-																
033	PACS R Heat . HSPDV		PBH.S -		P640	TP2CC-28	8	640-3	F		HPSVMCB2	22	313200 P007	054	1P	1P
053	PACS R Heat . HSPDR		PBH.S -		P640	TP2CC-28	8	640-3	F		HPSVMCB2	22	313200 P007	055	1P	1P
034	PACS R Heat . HSPSE		PBH.S -		P640	TP2CC-28	8	640-3	G		HPSVMCB2	22	313200 P007	052	1P	1P
054	PACS R Heat . HSPSR		PBH.S -		P640	TP2CC-28	8	640-3	G		HPSVMCB2	22	313200 P007	053	1P	1P
CH	PACS R Heat . SH640		PBH.S -		P640	TP2CC-28	8	640-3		CS-640-3	HPSVMCB2	22	313200 P007	045	1P	1P
-																
015	PACS FPU 1 R Temp . DRV		PBT.S -		P645	TP2CC-28	9		H		HPSVMCB2	22	313200 P007	019	1P	1P
036	PACS FPU 1 R Temp . DRVRT		PBT.S -		P645	TP2CC-28	9		H		HPSVMCB2	22	313200 P007	011	1P	1P
016	PACS FPU 1 R Temp . SENS		PBT.S -		P645	TP2CC-28	9		I		HPSVMCB2	22	313200 P007	018	1P	1P
037	PACS FPU 1 R Temp . SENRT		PBT.S -		P645	TP2CC-28	9		I		HPSVMCB2	22	313200 P007	010	1P	1P
CH	PACS FPU 1 R Temp . SH645		PBT.S -		P645	TP2CC-28	9			CS-P645	HPSVMCB2	22	313200 P007	017	1P	1P
-																
017	PACS FPU2 R Temp . DRV		PBT.S -		P646	TP2CC-28	10		K		HPSVMCB2	22	313200 P007	030	1P	1P
038	PACS FPU2 R Temp . DRVRT		PBT.S -		P646	TP2CC-28	10		K		HPSVMCB2	22	313200 P007	021	1P	1P
018	PACS FPU2 R Temp . SENS		PBT.S -		P646	TP2CC-28	10		L		HPSVMCB2	22	313200 P007	029	1P	1P
039	PACS FPU2 R Temp . SENRT		PBT.S -		P646	TP2CC-28	10		L		HPSVMCB2	22	313200 P007	020	1P	1P
CH	PACS FPU2 R Temp . SH646		PBT.S -		P646	TP2CC-28	10			CS-P646	HPSVMCB2	22	313200 P007	028	1P	1P
-																
060	PACS FPU R Struc Temp . SENS		PBT.S -		P647	TP2CC-28	11		M		HPSVMCB2	22	313200 P007	004	1P	1P
061	PACS FPU R Struc Temp . SENRT		PBT.S -		P647	TP2CC-28	11		M		HPSVMCB2	22	313200 P007	005	1P	1P
019	PACS FPU R Struc Temp . DRV		PBT.S -		P647	TP2CC-28	11		N		HPSVMCB2	22	313200 P007	006	1P	1P
040	PACS FPU R Struc Temp . DRVRT		PBT.S -		P647	TP2CC-28	11		N		HPSVMCB2	22	313200 P007	007	1P	1P
CH	PACS FPU R Struc Temp . SH647		PBT.S -		P647	TP2CC-28	11			CS-P647	HPSVMCB2	22	313200 P007	003	1P	1P
-																
020	PACS FPU R Heat . DRV		PBF.S -		P648	TP2CC-28	12		P		HPSVMCB2	22	313200 P007	024	1P	1P
041	PACS FPU R Heat . DRVRT		PBF.S -		P648	TP2CC-28	12		P		HPSVMCB2	22	313200 P007	015	1P	1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 421 (of 464)

Connector: 132300 P018
 HPBOLC

Function / Bundle: BOLC to FPU SIH-XP-12 (535-540,545-548)

Conn.-Type: SCC340100202BDCMA62PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
021	PACS FPU R Heat . SENS		PBF.S -		P648	TP2CC-28	12		Q		HPSVMCB2	22	313200 P007	023	1P 1P
042	PACS FPU R Heat . SENRT		PBF.S -		P648	TP2CC-28	12		Q		HPSVMCB2	22	313200 P007	014	1P 1P
CH	PACS FPU R Heat . SH648		PBF.S -		P648	TP2CC-28	12			CS-P648	HPSVMCB2	22	313200 P007	013	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 422 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313100 P006
HPSVMCB1

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
104	PACS FW 1 Coil N . 1		PFC.S -		P077	TP2CC-28	1		1		HPDECMEC	18	132100 P013	001	1P	1P
092	PACS FW 1 Coil N . 1RTN		PFC.S -		P077	TP2CC-28	1		1		HPDECMEC	18	132100 P013	002	1P	1P
093	PACS FW 1 Coil N . 2		PFC.S -		P077	TP2CC-28	1		2		HPDECMEC	18	132100 P013	020	1P	1P
081	PACS FW 1 Coil N . 2RTN		PFC.S -		P077	TP2CC-28	1		2		HPDECMEC	18	132100 P013	021	1P	1P
080	PACS FW 1 Coil N . SH077		PFC.S -		P077	TP2CC-28	1			CS-P077	HPDECMEC	18	132100 P013	003	1P	1P
-																
121	PACS FW 1 HP1N . I		PFH.S -		P078	TS4CC-28	2				HPDECMEC	18	132100 P013	022	1P	1P
114	PACS FW 1 HP1N . U		PFH.S -		P078	TS4CC-28	2				HPDECMEC	18	132100 P013	004		
113	PACS FW 1 HP1N . IRTN		PFH.S -		P078	TS4CC-28	2				HPDECMEC	18	132100 P013	023		
103	PACS FW 1 HP1N . URTN		PFH.S -		P078	TS4CC-28	2				HPDECMEC	18	132100 P013	005		
091	PACS FW 1 HP1N . SH078		PFH.S -		P078	TS4CC-28	2			CS-P078	HPDECMEC	18	132100 P013	024	1P	1P
-																
127	PACS FW 1 HP2N . I		PFH.S -		P079	TS4CC-28	3				HPDECMEC	18	132100 P013	006	1P	1P
128	PACS FW 1 HP2N . U		PFH.S -		P079	TS4CC-28	3				HPDECMEC	18	132100 P013	025		
120	PACS FW 1 HP2N . IRTN		PFH.S -		P079	TS4CC-28	3				HPDECMEC	18	132100 P013	007		
112	PACS FW 1 HP2N . URTN		PFH.S -		P079	TS4CC-28	3				HPDECMEC	18	132100 P013	026		
101	PACS FW 1 HP2N . SH079		PFH.S -		P079	TS4CC-28	3			CS-P079	HPDECMEC	18	132100 P013	008	1P	1P
-																
077	PACS FW 1 S N . 12I		PFS.S -		P080	TS4CC-28	4	080-1			HPDECMEC	18	132100 P013	027	1P	1P
078	PACS FW 1 S N . 1U		PFS.S -		P080	TS4CC-28	4	080-1			HPDECMEC	18	132100 P013	009	1P	1P
079	PACS FW 1 S N . 2U		PFS.S -		P080	TS4CC-28	4	080-1			HPDECMEC	18	132100 P013	028	1P	1P
068	PACS FW 1 S N . 12IRT		PFS.S -		P080	TS4CC-28	4	080-1			HPDECMEC	18	132100 P013	010	1P	1P
076	PACS FW 1 S N . SH080		PFS.S -		P080	TS4CC-28	4	080-1		CS-080-1	HPDECMEC	18	132100 P013	029	1P	1P
-																
088	PACS FW 1 S N . 34I		PFS.S -		P080	TS4CC-28	5	080-2			HPDECMEC	18	132100 P013	011	1P	1P
089	PACS FW 1 S N . 3U		PFS.S -		P080	TS4CC-28	5	080-2			HPDECMEC	18	132100 P013	030	1P	1P
090	PACS FW 1 S N . 4U		PFS.S -		P080	TS4CC-28	5	080-2			HPDECMEC	18	132100 P013	012	1P	1P
087	PACS FW 1 S N . 34IRT		PFS.S -		P080	TS4CC-28	5	080-2			HPDECMEC	18	132100 P013	031	1P	1P
076	PACS FW 1 S N . SH080		PFS.S -		P080	TS4CC-28	5	080-2		CS-080-2	HPDECMEC	18	132100 P013	029	1P	1P
-																
125	PACS FW 1 TS N . I		PFT.S -		P081	TS4CC-28	6				HPDECMEC	18	132100 P013	013	1P	1P
126	PACS FW 1 TS N . U		PFT.S -		P081	TS4CC-28	6				HPDECMEC	18	132100 P013	032		
118	PACS FW 1 TS N . IRTN		PFT.S -		P081	TS4CC-28	6				HPDECMEC	18	132100 P013	014		
119	PACS FW 1 TS N . URTN		PFT.S -		P081	TS4CC-28	6				HPDECMEC	18	132100 P013	033		

Pin Allocation List

(Harness)

Connector: 313100 P006
HPSVMCB1

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
111	PACS FW 1 TS N . SH081		PFT.S -		P081	TS4CC-28	6			CS-P081	HPDECMEC	18	132100 P013	015	1P	1P
-																
035	PACS FW 2 Coil 1/2 No . 1		PFC.S -		P087	TP2CC-28	7		3		HPDECMEC	18	132100 P014	001	1P	1P
046	PACS FW 2 Coil 1/2 No . 1RTN		PFC.S -		P087	TP2CC-28	7		3		HPDECMEC	18	132100 P014	002	1P	1P
047	PACS FW 2 Coil 1/2 No . 2		PFC.S -		P087	TP2CC-28	7		4		HPDECMEC	18	132100 P014	020	1P	1P
058	PACS FW 2 Coil 1/2 No . 2RTN		PFC.S -		P087	TP2CC-28	7		4		HPDECMEC	18	132100 P014	021	1P	1P
057	PACS FW 2 Coil 1/2 No . SH087		PFC.S -		P087	TP2CC-28	7			CS-P087	HPDECMEC	18	132100 P014	003	1P	1P
-																
014	PACS FW 2 HP1N . I		PFH.S -		P088	TS4CC-28	8				HPDECMEC	18	132100 P014	022	1P	1P
024	PACS FW 2 HP1N . U		PFH.S -		P088	TS4CC-28	8				HPDECMEC	18	132100 P014	004		
023	PACS FW 2 HP1N . IRTN		PFH.S -		P088	TS4CC-28	8				HPDECMEC	18	132100 P014	023		
034	PACS FW 2 HP1N . URTN		PFH.S -		P088	TS4CC-28	8				HPDECMEC	18	132100 P014	005		
045	PACS FW 2 HP1N . SH088		PFH.S -		P088	TS4CC-28	8			CS-P088	HPDECMEC	18	132100 P014	024	1P	1P
-																
006	PACS FW 2 HP2N . I		PFH.S -		P089	TS4CC-28	9				HPDECMEC	18	132100 P014	006	1P	1P
007	PACS FW 2 HP2N . U		PFH.S -		P089	TS4CC-28	9				HPDECMEC	18	132100 P014	025		
013	PACS FW 2 HP2N . IRTN		PFH.S -		P089	TS4CC-28	9				HPDECMEC	18	132100 P014	007		
022	PACS FW 2 HP2N . URTN		PFH.S -		P089	TS4CC-28	9				HPDECMEC	18	132100 P014	026		
032	PACS FW 2 HP2N . SH089		PFH.S -		P089	TS4CC-28	9			CS-P089	HPDECMEC	18	132100 P014	008	1P	1P
-																
053	PACS FW 2 S N . 12I		PFS.S -		P090	TS4CC-28	10	090-1			HPDECMEC	18	132100 P014	027	1P	1P
054	PACS FW 2 S N . 1U		PFS.S -		P090	TS4CC-28	10	090-1			HPDECMEC	18	132100 P014	009	1P	1P
055	PACS FW 2 S N . 2U		PFS.S -		P090	TS4CC-28	10	090-1			HPDECMEC	18	132100 P014	028	1P	1P
056	PACS FW 2 S N . 12IRT		PFS.S -		P090	TS4CC-28	10	090-1			HPDECMEC	18	132100 P014	010	1P	1P
064	PACS FW 2 S N . SH090		PFS.S -		P090	TS4CC-28	10	090-1		CS-P090-1	HPDECMEC	18	132100 P014	029	1P	1P
-																
042	PACS FW 2 S N . 34I		PFS.S -		P090	TS4CC-28	11	090-2			HPDECMEC	18	132100 P014	011	1P	1P
043	PACS FW 2 S N . 3U		PFS.S -		P090	TS4CC-28	11	090-2			HPDECMEC	18	132100 P014	030	1P	1P
044	PACS FW 2 S N . 4U		PFS.S -		P090	TS4CC-28	11	090-2			HPDECMEC	18	132100 P014	012	1P	1P
041	PACS FW 2 S N . 34IRT		PFS.S -		P090	TS4CC-28	11	090-2			HPDECMEC	18	132100 P014	031	1P	1P
064	PACS FW 2 S N . SH090		PFS.S -		P090	TS4CC-28	11	090-2		CS-090-2	HPDECMEC	18	132100 P014	029	1P	1P
-																
004	PACS FW 2 TS N . I		PFT.S -		P091	TS4CC-28	12				HPDECMEC	18	132100 P014	013	1P	1P
005	PACS FW 2 TS N . U		PFT.S -		P091	TS4CC-28	12				HPDECMEC	18	132100 P014	032		

Pin Allocation List

(Harness)

Connector: 313100 P006
HPSVMCB1

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
011	PACS FW 2 TS N . IRTN		PFT.S -		P091	TS4CC-28	12				HPDECMEC	18	132100 P014	014	
012	PACS FW 2 TS N . URTN		PFT.S -		P091	TS4CC-28	12				HPDECMEC	18	132100 P014	033	
021	PACS FW 2 TS N . SH091		PFT.S -		P091	TS4CC-28	12			CS-P091	HPDECMEC	18	132100 P014	015	1P 1P
-															
110	PACS Ch drv . A		PCD.S -		P116	TP2CC-28	16	116	5		HPDECMEC	18	132100 P017	012	1P 1P
100	PACS Ch drv . ARTN		PCD.S -		P116	TP2CC-28	16	116	5		HPDECMEC	18	132100 P017	013	1P 1P
109	PACS Ch drv . B		PCD.S -		P116	TP2CC-28	16	116	6		HPDECMEC	18	132100 P017	031	1P 1P
099	PACS Ch drv . BRTN		PCD.S -		P116	TP2CC-28	16	116	6		HPDECMEC	18	132100 P017	032	1P 1P
098	PACS Ch drv . SH116		PCD.S -		P116	TP2CC-28	16	116		CS-116	HPDECMEC	18	132100 P017	030	1P 1P
-															
123	PACS Ch drv . Ar1		PCD.S -		P116	TP2CC-28	17	116a	7		HPDECMEC	18	132100 P017	014	1P 1P
116	PACS Ch drv . Ar2		PCD.S -		P116	TP2CC-28	17	116a	7		HPDECMEC	18	132100 P017	015	1P 1P
124	PACS Ch drv . Br1		PCD.S -		P116	TP2CC-28	17	116a	8		HPDECMEC	18	132100 P017	033	1P 1P
117	PACS Ch drv . Br2		PCD.S -		P116	TP2CC-28	17	116a	8		HPDECMEC	18	132100 P017	034	1P 1P
122	PACS Ch drv . s116a		PCD.S -		P116	TP2CC-28	17	116a		CS-116a	HPDECMEC	18	132100 P017	016	1P 1P
-															
106	PACS Ch pos 1 . drv		PCP.S -		P113	TS6CC-28	13				HPDECMEC	18	132100 P017	002	1P 1P
107	PACS Ch pos 1 . drsen		PCP.S -		P113	TS6CC-28	13				HPDECMEC	18	132100 P017	021	
095	PACS Ch pos 1 . drRT		PCP.S -		P113	TS6CC-28	13				HPDECMEC	18	132100 P017	003	
096	PACS Ch pos 1 . dseRT		PCP.S -		P113	TS6CC-28	13				HPDECMEC	18	132100 P017	022	
108	PACS Ch pos 1 . outA		PCP.S -		P113	TS6CC-28	13				HPDECMEC	18	132100 P017	004	
097	PACS Ch pos 1 . outB		PCP.S -		P113	TS6CC-28	13				HPDECMEC	18	132100 P017	023	
105	PACS Ch pos 1 . SH113		PCP.S -		P113	TS6CC-28	13			CS-P113	HPDECMEC	18	132100 P017	020	1P 1P
-															
084	PACS Ch pos 2 . drv		PCP.S -		P114	TS6CC-28	14				HPDECMEC	18	132100 P017	006	1P 1P
085	PACS Ch pos 2 . drsen		PCP.S -		P114	TS6CC-28	14				HPDECMEC	18	132100 P017	025	
073	PACS Ch pos 2 . drRT		PCP.S -		P114	TS6CC-28	14				HPDECMEC	18	132100 P017	007	
074	PACS Ch pos 2 . dseRT		PCP.S -		P114	TS6CC-28	14				HPDECMEC	18	132100 P017	026	
086	PACS Ch pos 2 . outA		PCP.S -		P114	TS6CC-28	14				HPDECMEC	18	132100 P017	008	
075	PACS Ch pos 2 . outB		PCP.S -		P114	TS6CC-28	14				HPDECMEC	18	132100 P017	027	
072	PACS Ch pos 2 . SH114		PCP.S -		P114	TS6CC-28	14			CS-P114	HPDECMEC	18	132100 P017	024	1P 1P
-															
062	PACS Ch tsens . drv		PCT.S -		P115	TS4CC-28	15				HPDECMEC	18	132100 P017	009	1P 1P
063	PACS Ch tsens . sens		PCT.S -		P115	TS4CC-28	15				HPDECMEC	18	132100 P017	028	

Pin Allocation List

(Harness)

Connector: 313100 P006
 HPSVMCB1

Function / Bundle: SIH-XP-13 (77-81;87-91;113-115;116/a;124

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
051	PACS Ch tsens . drvRT		PCT.S -		P115	TS4CC-28	15				HPDECMEC	18	132100 P017	010	
052	PACS Ch tsens . senRT		PCT.S -		P115	TS4CC-28	15				HPDECMEC	18	132100 P017	029	
050	PACS Ch tsens . SH115		PCT.S -		P115	TS4CC-28	15			CS-P115	HPDECMEC	18	132100 P017	011	1P 1P
-															
028	PACS TS red . 3drv		PTS.S -		P124	TS4CC-28	18	124-1			HPDECMEC	18	132100 P116	001	1P 1P
018	PACS TS red . 3sens		PTS.S -		P124	TS4CC-28	18	124-1			HPDECMEC	18	132100 P116	006	1P 1P
017	PACS TS red . 3drRT		PTS.S -		P124	TS4CC-28	18	124-1			HPDECMEC	18	132100 P116	002	1P 1P
009	PACS TS red . 3seRT		PTS.S -		P124	TS4CC-28	18	124-1			HPDECMEC	18	132100 P116	007	1P 1P
008	PACS TS red . SH124		PTS.S -		P124	TS4CC-28	18	124-1		CS-124-1	HPDECMEC	18	132100 P116	003	1P 1P
-															
001	PACS TS red . 4sens		PTS.S -		P124	TS4CC-28	19	124-2			HPDECMEC	18	132100 P116	008	1P 1P
010	PACS TS red . 4drv		PTS.S -		P124	TS4CC-28	19	124-2			HPDECMEC	18	132100 P116	004	1P 1P
002	PACS TS red . 4seRT		PTS.S -		P124	TS4CC-28	19	124-2			HPDECMEC	18	132100 P116	009	1P 1P
003	PACS TS red . 4drRT		PTS.S -		P124	TS4CC-28	19	124-2			HPDECMEC	18	132100 P116	005	1P 1P
008	PACS TS red . SH124		PTS.S -		P124	TS4CC-28	19	124-2		CS-124-2	HPDECMEC	18	132100 P116	003	1P 1P
CH-	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P013
 HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-13 (77-81)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FW 1 Coil N . 1		PFC.S -		P077	TP2CC-28	1		1		HPSVMCB1	28	313100 P006	104	1P	1P
002	PACS FW 1 Coil N . 1RTN		PFC.S -		P077	TP2CC-28	1		1		HPSVMCB1	28	313100 P006	092	1P	1P
020	PACS FW 1 Coil N . 2		PFC.S -		P077	TP2CC-28	1		2		HPSVMCB1	28	313100 P006	093	1P	1P
021	PACS FW 1 Coil N . 2RTN		PFC.S -		P077	TP2CC-28	1		2		HPSVMCB1	28	313100 P006	081	1P	1P
003	PACS FW 1 Coil N . SH077		PFC.S -		P077	TP2CC-28	1			CS-P077	HPSVMCB1	28	313100 P006	080	1P	1P
-																
022	PACS FW 1 HP1N . I		PFH.S -		P078	TS4CC-28	2				HPSVMCB1	28	313100 P006	121	1P	1P
004	PACS FW 1 HP1N . U		PFH.S -		P078	TS4CC-28	2				HPSVMCB1	28	313100 P006	114		
023	PACS FW 1 HP1N . IRTN		PFH.S -		P078	TS4CC-28	2				HPSVMCB1	28	313100 P006	113		
005	PACS FW 1 HP1N . URTN		PFH.S -		P078	TS4CC-28	2				HPSVMCB1	28	313100 P006	103		
024	PACS FW 1 HP1N . SH078		PFH.S -		P078	TS4CC-28	2			CS-P078	HPSVMCB1	28	313100 P006	091	1P	1P
-																
006	PACS FW 1 HP2N . I		PFH.S -		P079	TS4CC-28	3				HPSVMCB1	28	313100 P006	127	1P	1P
025	PACS FW 1 HP2N . U		PFH.S -		P079	TS4CC-28	3				HPSVMCB1	28	313100 P006	128		
007	PACS FW 1 HP2N . IRTN		PFH.S -		P079	TS4CC-28	3				HPSVMCB1	28	313100 P006	120		
026	PACS FW 1 HP2N . URTN		PFH.S -		P079	TS4CC-28	3				HPSVMCB1	28	313100 P006	112		
008	PACS FW 1 HP2N . SH079		PFH.S -		P079	TS4CC-28	3			CS-P079	HPSVMCB1	28	313100 P006	101	1P	1P
-																
027	PACS FW 1 S N . 12I		PFS.S -		P080	TS4CC-28	4	080-1			HPSVMCB1	28	313100 P006	077	1P	1P
009	PACS FW 1 S N . 1U		PFS.S -		P080	TS4CC-28	4	080-1			HPSVMCB1	28	313100 P006	078	1P	1P
028	PACS FW 1 S N . 2U		PFS.S -		P080	TS4CC-28	4	080-1			HPSVMCB1	28	313100 P006	079	1P	1P
010	PACS FW 1 S N . 12IRT		PFS.S -		P080	TS4CC-28	4	080-1			HPSVMCB1	28	313100 P006	068	1P	1P
029	PACS FW 1 S N . SH080		PFS.S -		P080	TS4CC-28	4	080-1		CS-080-1	HPSVMCB1	28	313100 P006	076	1P	1P
-																
011	PACS FW 1 S N . 34I		PFS.S -		P080	TS4CC-28	5	080-2			HPSVMCB1	28	313100 P006	088	1P	1P
030	PACS FW 1 S N . 3U		PFS.S -		P080	TS4CC-28	5	080-2			HPSVMCB1	28	313100 P006	089	1P	1P
012	PACS FW 1 S N . 4U		PFS.S -		P080	TS4CC-28	5	080-2			HPSVMCB1	28	313100 P006	090	1P	1P
031	PACS FW 1 S N . 34IRT		PFS.S -		P080	TS4CC-28	5	080-2			HPSVMCB1	28	313100 P006	087	1P	1P
029	PACS FW 1 S N . SH080		PFS.S -		P080	TS4CC-28	5	080-2		CS-080-2	HPSVMCB1	28	313100 P006	076	1P	1P
-																
013	PACS FW 1 TS N . I		PFT.S -		P081	TS4CC-28	6				HPSVMCB1	28	313100 P006	125	1P	1P
032	PACS FW 1 TS N . U		PFT.S -		P081	TS4CC-28	6				HPSVMCB1	28	313100 P006	126		
014	PACS FW 1 TS N . IRTN		PFT.S -		P081	TS4CC-28	6				HPSVMCB1	28	313100 P006	118		
033	PACS FW 1 TS N . URTN		PFT.S -		P081	TS4CC-28	6				HPSVMCB1	28	313100 P006	119		

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 428 (of 464)

Connector: 132100 P013
 HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-13 (77-81)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
015	PACS FW 1 TS N . SH081		PFT.S -		P081	TS4CC-28	6			CS-P081	HPSVMCB1	28	313100 P006	111	1P 1P
034	NC														
016	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P014
HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-14 (87-91)

Conn.-Type: SCC340100201BDCMA37PNMBFO

Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FW 2 Coil 1/2 No . 1		PFC.S -		P087	TP2CC-28	1		1		HPSVMCB1	28	313100 P006	035	1P	1P
002	PACS FW 2 Coil 1/2 No . 1RTN		PFC.S -		P087	TP2CC-28	1		1		HPSVMCB1	28	313100 P006	046	1P	1P
020	PACS FW 2 Coil 1/2 No . 2		PFC.S -		P087	TP2CC-28	1		2		HPSVMCB1	28	313100 P006	047	1P	1P
021	PACS FW 2 Coil 1/2 No . 2RTN		PFC.S -		P087	TP2CC-28	1		2		HPSVMCB1	28	313100 P006	058	1P	1P
003	PACS FW 2 Coil 1/2 No . SH087		PFC.S -		P087	TP2CC-28	1			CS-P087	HPSVMCB1	28	313100 P006	057	1P	1P
-																
022	PACS FW 2 HP1N . I		PFH.S -		P088	TS4CC-28	2				HPSVMCB1	28	313100 P006	014	1P	1P
004	PACS FW 2 HP1N . U		PFH.S -		P088	TS4CC-28	2				HPSVMCB1	28	313100 P006	024		
023	PACS FW 2 HP1N . IRTN		PFH.S -		P088	TS4CC-28	2				HPSVMCB1	28	313100 P006	023		
005	PACS FW 2 HP1N . URTN		PFH.S -		P088	TS4CC-28	2				HPSVMCB1	28	313100 P006	034		
024	PACS FW 2 HP1N . SH088		PFH.S -		P088	TS4CC-28	2			CS-P088	HPSVMCB1	28	313100 P006	045	1P	1P
-																
006	PACS FW 2 HP2N . I		PFH.S -		P089	TS4CC-28	3				HPSVMCB1	28	313100 P006	006	1P	1P
025	PACS FW 2 HP2N . U		PFH.S -		P089	TS4CC-28	3				HPSVMCB1	28	313100 P006	007		
007	PACS FW 2 HP2N . IRTN		PFH.S -		P089	TS4CC-28	3				HPSVMCB1	28	313100 P006	013		
026	PACS FW 2 HP2N . URTN		PFH.S -		P089	TS4CC-28	3				HPSVMCB1	28	313100 P006	022		
008	PACS FW 2 HP2N . SH089		PFH.S -		P089	TS4CC-28	3			CS-P089	HPSVMCB1	28	313100 P006	032	1P	1P
-																
027	PACS FW 2 S N . 12I		PFS.S -		P090	TS4CC-28	4	090-1			HPSVMCB1	28	313100 P006	053	1P	1P
009	PACS FW 2 S N . 1U		PFS.S -		P090	TS4CC-28	4	090-1			HPSVMCB1	28	313100 P006	054	1P	1P
028	PACS FW 2 S N . 2U		PFS.S -		P090	TS4CC-28	4	090-1			HPSVMCB1	28	313100 P006	055	1P	1P
010	PACS FW 2 S N . 12IRT		PFS.S -		P090	TS4CC-28	4	090-1			HPSVMCB1	28	313100 P006	056	1P	1P
029	PACS FW 2 S N . SH090		PFS.S -		P090	TS4CC-28	4	090-1		CS-090-1	HPSVMCB1	28	313100 P006	064	1P	1P
-																
011	PACS FW 2 S N . 34I		PFS.S -		P090	TS4CC-28	5	090-2			HPSVMCB1	28	313100 P006	042	1P	1P
030	PACS FW 2 S N . 3U		PFS.S -		P090	TS4CC-28	5	090-2			HPSVMCB1	28	313100 P006	043	1P	1P
012	PACS FW 2 S N . 4U		PFS.S -		P090	TS4CC-28	5	090-2			HPSVMCB1	28	313100 P006	044	1P	1P
031	PACS FW 2 S N . 34IRT		PFS.S -		P090	TS4CC-28	5	090-2			HPSVMCB1	28	313100 P006	041	1P	1P
029	PACS FW 2 S N . SH090		PFS.S -		P090	TS4CC-28	5	090-2		CS-090-2	HPSVMCB1	28	313100 P006	064	1P	1P
-																
013	PACS FW 2 TS N . I		PFT.S -		P091	TS4CC-28	6				HPSVMCB1	28	313100 P006	004	1P	1P
032	PACS FW 2 TS N . U		PFT.S -		P091	TS4CC-28	6				HPSVMCB1	28	313100 P006	005		
014	PACS FW 2 TS N . IRTN		PFT.S -		P091	TS4CC-28	6				HPSVMCB1	28	313100 P006	011		
033	PACS FW 2 TS N . URTN		PFT.S -		P091	TS4CC-28	6				HPSVMCB1	28	313100 P006	012		

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 430 (of 464)

Connector: 132100 P014
 HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-14 (87-91)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
015	PACS FW 2 TS N . SH091		PFT.S -		P091	TS4CC-28	6			CS-P091	HPSVMCB1	28	313100 P006	021	1P 1P
034	NC														
016	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P116
HPDECMEC

Function / Bundle: MEC2 to FPU SIH-XP-13 (124)

Conn.-Type: SCC340100201BDEMA9PNMBFO
Backshell: CA-52-09

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS TS red . 3drv		PTS.S -		P124	TS4CC-28	1	124-1			HPSVMCB1	28	313100 P006	028	1P 1P
006	PACS TS red . 3sens		PTS.S -		P124	TS4CC-28	1	124-1			HPSVMCB1	28	313100 P006	018	1P 1P
002	PACS TS red . 3drRT		PTS.S -		P124	TS4CC-28	1	124-1			HPSVMCB1	28	313100 P006	017	1P 1P
007	PACS TS red . 3seRT		PTS.S -		P124	TS4CC-28	1	124-1			HPSVMCB1	28	313100 P006	009	1P 1P
003	PACS TS red . SHD24		PTS.S -		P124	TS4CC-28	1	124-1	CS-124-1		HPSVMCB1	28	313100 P006		1P
-															
008	PACS TS red . 4sens		PTS.S -		P124	TS4CC-28	2	124-2			HPSVMCB1	28	313100 P006	001	1P 1P
004	PACS TS red . 4drv		PTS.S -		P124	TS4CC-28	2	124-2			HPSVMCB1	28	313100 P006	010	1P 1P
009	PACS TS red . 4seRT		PTS.S -		P124	TS4CC-28	2	124-2			HPSVMCB1	28	313100 P006	002	1P 1P
005	PACS TS red . 4drRT		PTS.S -		P124	TS4CC-28	2	124-2			HPSVMCB1	28	313100 P006	003	1P 1P
003	PACS TS red . SH124		PTS.S -		P124	TS4CC-28	2	124-2	CS-124-2		HPSVMCB1	28	313100 P006	008	1P 1P
-															
CH	Overall Shield								Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 432 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P017
HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-13 (113-116;116a)

Conn.-Type: SCC340100201BDCMA37PNMBFO

Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
002	PACS Ch pos 1 . drv		PCP.S -		P113	TS6CC-28	1				HPSVMCB1	28	313100 P006	106	1P	1P
021	PACS Ch pos 1 . drsen		PCP.S -		P113	TS6CC-28	1				HPSVMCB1	28	313100 P006	107		
003	PACS Ch pos 1 . drRT		PCP.S -		P113	TS6CC-28	1				HPSVMCB1	28	313100 P006	095		
022	PACS Ch pos 1 . dseRT		PCP.S -		P113	TS6CC-28	1				HPSVMCB1	28	313100 P006	096		
004	PACS Ch pos 1 . outA		PCP.S -		P113	TS6CC-28	1				HPSVMCB1	28	313100 P006	108		
023	PACS Ch pos 1 . outB		PCP.S -		P113	TS6CC-28	1				HPSVMCB1	28	313100 P006	097		
020	PACS Ch pos 1 . SH113		PCP.S -		P113	TS6CC-28	1			CS-P113	HPSVMCB1	28	313100 P006	105	1P	1P
-																
006	PACS Ch pos 2 . drv		PCP.S -		P114	TS6CC-28	2				HPSVMCB1	28	313100 P006	084	1P	1P
025	PACS Ch pos 2 . drsen		PCP.S -		P114	TS6CC-28	2				HPSVMCB1	28	313100 P006	085		
007	PACS Ch pos 2 . drRT		PCP.S -		P114	TS6CC-28	2				HPSVMCB1	28	313100 P006	073		
026	PACS Ch pos 2 . dseRT		PCP.S -		P114	TS6CC-28	2				HPSVMCB1	28	313100 P006	074		
008	PACS Ch pos 2 . outA		PCP.S -		P114	TS6CC-28	2				HPSVMCB1	28	313100 P006	086		
027	PACS Ch pos 2 . outB		PCP.S -		P114	TS6CC-28	2				HPSVMCB1	28	313100 P006	075		
024	PACS Ch pos 2 . SH114		PCP.S -		P114	TS6CC-28	2			CS-P114	HPSVMCB1	28	313100 P006	072	1P	1P
-																
009	PACS Ch tsens . drv		PCT.S -		P115	TS4CC-28	3				HPSVMCB1	28	313100 P006	062	1P	1P
028	PACS Ch tsens . sens		PCT.S -		P115	TS4CC-28	3				HPSVMCB1	28	313100 P006	063		
010	PACS Ch tsens . drvRT		PCT.S -		P115	TS4CC-28	3				HPSVMCB1	28	313100 P006	051		
029	PACS Ch tsens . senRT		PCT.S -		P115	TS4CC-28	3				HPSVMCB1	28	313100 P006	052		
011	PACS Ch tsens . SH115		PCT.S -		P115	TS4CC-28	3			CS-P115	HPSVMCB1	28	313100 P006	050	1P	1P
-																
012	PACS Ch drv . A		PCD.S -		P116	TP2CC-28	4	116	1		HPSVMCB1	28	313100 P006	110	1P	1P
013	PACS Ch drv . ARTN		PCD.S -		P116	TP2CC-28	4	116	1		HPSVMCB1	28	313100 P006	100	1P	1P
031	PACS Ch drv . B		PCD.S -		P116	TP2CC-28	4	116	2		HPSVMCB1	28	313100 P006	109	1P	1P
032	PACS Ch drv . BRTN		PCD.S -		P116	TP2CC-28	4	116	2		HPSVMCB1	28	313100 P006	099	1P	1P
030	PACS Ch drv . SH116		PCD.S -		P116	TP2CC-28	4	116		CS-116	HPSVMCB1	28	313100 P006	098	1P	1P
-																
014	PACS Ch drv . Ar1		PCD.S -		P116	TP2CC-28	5	116a	3		HPSVMCB1	28	313100 P006	123	1P	1P
015	PACS Ch drv . Ar2		PCD.S -		P116	TP2CC-28	5	116a	3		HPSVMCB1	28	313100 P006	116	1P	1P
033	PACS Ch drv . Br1		PCD.S -		P116	TP2CC-28	5	116a	4		HPSVMCB1	28	313100 P006	124	1P	1P
034	PACS Ch drv . Br2		PCD.S -		P116	TP2CC-28	5	116a	4		HPSVMCB1	28	313100 P006	117	1P	1P
016	PACS Ch drv . S116a		PCD.S -		P116	TP2CC-28	5	116a		CS-116a	HPSVMCB1	28	313100 P006	122	1P	1P
-																

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 434 (of 464)

Connector: 132100 P017
 HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-13 (113-116;116a)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-43-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	NC														
005	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 313100 P004
 HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
121	PACS FW 1 Coil R . 1R		PFC.S -		P082	TP2CC-28	1		1		HPDECMEC	18	132100 P113	001	1P	1P
113	PACS FW 1 Coil R . 1RRTN		PFC.S -		P082	TP2CC-28	1		1		HPDECMEC	18	132100 P113	002	1P	1P
114	PACS FW 1 Coil R . 2R		PFC.S -		P082	TP2CC-28	1		2		HPDECMEC	18	132100 P113	020	1P	1P
103	PACS FW 1 Coil R . 2RRTN		PFC.S -		P082	TP2CC-28	1		2		HPDECMEC	18	132100 P113	021	1P	1P
102	PACS FW 1 Coil R . SH082		PFC.S -		P082	TP2CC-28	1			CS-P082	HPDECMEC	18	132100 P113	003	1P	1P
-																
127	PACS FW 1 HP1R . I		PFH.S -		P083	TS4CC-28	2				HPDECMEC	18	132100 P113	022	1P	1P
128	PACS FW 1 HP1R . U		PFH.S -		P083	TS4CC-28	2				HPDECMEC	18	132100 P113	004	1P	
120	PACS FW 1 HP1R . IRTN		PFH.S -		P083	TS4CC-28	2				HPDECMEC	18	132100 P113	023	1P	
112	PACS FW 1 HP1R . URTN		PFH.S -		P083	TS4CC-28	2				HPDECMEC	18	132100 P113	005	1P	
111	PACS FW 1 HP1R . SH083		PFH.S -		P083	TS4CC-28	2			CS-P083	HPDECMEC	18	132100 P113	024	1P	1P
-																
125	PACS FW 1 HP2R . I		PFH.S -		P084	TS4CC-28	3				HPDECMEC	18	132100 P113	006	1P	1P
126	PACS FW 1 HP2R . U		PFH.S -		P084	TS4CC-28	3				HPDECMEC	18	132100 P113	025	1P	
118	PACS FW 1 HP2R . IRTN		PFH.S -		P084	TS4CC-28	3				HPDECMEC	18	132100 P113	007	1P	
119	PACS FW 1 HP2R . URTN		PFH.S -		P084	TS4CC-28	3				HPDECMEC	18	132100 P113	026	1P	
110	PACS FW 1 HP2R . SH084		PFH.S -		P084	TS4CC-28	3			CS-P084	HPDECMEC	18	132100 P113	008	1P	1P
-																
079	PACS FW 1 S R . 12I		PFS.S -		P085	TS4CC-28	4	085-1			HPDECMEC	18	132100 P113	027	1P	1P
080	PACS FW 1 S R . 1U		PFS.S -		P085	TS4CC-28	4	085-1			HPDECMEC	18	132100 P113	009	1P	1P
081	PACS FW 1 S R . 2U		PFS.S -		P085	TS4CC-28	4	085-1			HPDECMEC	18	132100 P113	028	1P	1P
078	PACS FW 1 S R . 12IRT		PFS.S -		P085	TS4CC-28	4	085-1			HPDECMEC	18	132100 P113	010	1P	1P
101	PACS FW 1 S R . SH085		PFS.S -		P085	TS4CC-28	4	085-1		CS-085-1	HPDECMEC	18	132100 P113	029	1P	1P
-																
090	PACS FW 1 S R . 34I		PFS.S -		P085	TS4CC-28	5	085-2			HPDECMEC	18	132100 P113	011	1P	1P
091	PACS FW 1 S R . 3U		PFS.S -		P085	TS4CC-28	5	085-2			HPDECMEC	18	132100 P113	030	1P	1P
092	PACS FW 1 S R . 4U		PFS.S -		P085	TS4CC-28	5	085-2			HPDECMEC	18	132100 P113	012	1P	1P
093	PACS FW 1 S R . 34IRT		PFS.S -		P085	TS4CC-28	5	085-2			HPDECMEC	18	132100 P113	031	1P	1P
101	PACS FW 1 S R . SH085		PFS.S -		P085	TS4CC-28	5	085-2		CS-085-2	HPDECMEC	18	132100 P113	029	1P	1P
-																
123	PACS FW 1 TS R . I		PFT.S -		P086	TS4CC-28	6				HPDECMEC	18	132100 P113	013	1P	1P
124	PACS FW 1 TS R . U		PFT.S -		P086	TS4CC-28	6				HPDECMEC	18	132100 P113	032	1P	
116	PACS FW 1 TS R . IRTN		PFT.S -		P086	TS4CC-28	6				HPDECMEC	18	132100 P113	014	1P	
117	PACS FW 1 TS R . URTN		PFT.S -		P086	TS4CC-28	6				HPDECMEC	18	132100 P113	033	1P	

Pin Allocation List

(Harness)

Connector: 313100 P004
HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
109	PACS FW 1 TS R . SH086		PFT.S -		P086	TS4CC-28	6			CS-P086	HPDECMEC	18	132100 P113	015	1P	1P
-																
047	PACS FW 2 Coil 1/2 Re . 1		PFC.S -		P092	TP2CC-28	7		3		HPDECMEC	18	132100 P114	001	1P	1P
046	PACS FW 2 Coil 1/2 Re . 1RTN		PFC.S -		P092	TP2CC-28	7		3		HPDECMEC	18	132100 P114	002	1P	1P
035	PACS FW 2 Coil 1/2 Re . 2		PFC.S -		P092	TP2CC-28	7		4		HPDECMEC	18	132100 P114	020	1P	1P
034	PACS FW 2 Coil 1/2 Re . 2RTN		PFC.S -		P092	TP2CC-28	7		4		HPDECMEC	18	132100 P114	021	1P	1P
023	PACS FW 2 Coil 1/2 Re . SH092		PFC.S -		P092	TP2CC-28				CS-P092	HPDECMEC	18	132100 P114	003	1P	1P
-																
006	PACS FW 2 HP1R . I		PFH.S -		P093	TS4CC-28	8				HPDECMEC	18	132100 P114	022	1P	1P
014	PACS FW 2 HP1R . U		PFH.S -		P093	TS4CC-28	8				HPDECMEC	18	132100 P114	004	1P	
007	PACS FW 2 HP1R . IRTN		PFH.S -		P093	TS4CC-28	8				HPDECMEC	18	132100 P114	023	1P	
024	PACS FW 2 HP1R . URTN		PFH.S -		P093	TS4CC-28	8				HPDECMEC	18	132100 P114	005	1P	
005	PACS FW 2 HP1R . SH093		PFH.S -		P093	TS4CC-28	8			CS-P093	HPDECMEC	18	132100 P114	024	1P	1P
-																
044	PACS FW 2 HP2R . I		PFH.S -		P094	TS4CC-28	9				HPDECMEC	18	132100 P114	006	1P	1P
045	PACS FW 2 HP2R . U		PFH.S -		P094	TS4CC-28	9				HPDECMEC	18	132100 P114	025	1P	
032	PACS FW 2 HP2R . IRTN		PFH.S -		P094	TS4CC-28	9				HPDECMEC	18	132100 P114	007	1P	
033	PACS FW 2 HP2R . URTN		PFH.S -		P094	TS4CC-28	9				HPDECMEC	18	132100 P114	026	1P	
043	PACS FW 2 HP2R . SH094		PFH.S -		P094	TS4CC-28	9			CS-P094	HPDECMEC	18	132100 P114	008	1P	1P
-																
067	PACS FW 2 S R . 12I		PFS.S -		P095	TS4CC-28	10	095-1			HPDECMEC	18	132100 P114	027	1P	1P
068	PACS FW 2 S R . 1U		PFS.S -		P095	TS4CC-28	10	095-1			HPDECMEC	18	132100 P114	009	1P	1P
069	PACS FW 2 S R . 2U		PFS.S -		P095	TS4CC-28	10	095-1			HPDECMEC	18	132100 P114	028	1P	1P
070	PACS FW 2 S R . 12IRT		PFS.S -		P095	TS4CC-28	10	095-1			HPDECMEC	18	132100 P114	010	1P	1P
066	PACS FW 2 S R . SH095		PFS.S -		P095	TS4CC-28	10	095-1		CS-095-1	HPDECMEC	18	132100 P114	029	1P	1P
-																
058	PACS FW 2 S R . 34I		PFS.S -		P095	TS4CC-28	11	095-2			HPDECMEC	18	132100 P114	011	1P	1P
057	PACS FW 2 S R . 3U		PFS.S -		P095	TS4CC-28	11	095-2			HPDECMEC	18	132100 P114	030	1P	1P
056	PACS FW 2 S R . 4U		PFS.S -		P095	TS4CC-28	11	095-2			HPDECMEC	18	132100 P114	012	1P	1P
055	PACS FW 2 S R . 34IRT		PFS.S -		P095	TS4CC-28	11	095-2			HPDECMEC	18	132100 P114	031	1P	1P
066	PACS FW 2 S R . SH095		PFS.S -		P095	TS4CC-28	11	095-2		CS-095-2	HPDECMEC	18	132100 P114	029	1P	1P
-																
021	PACS FW 2 TS R . I		PFT.S -		P096	TS4CC-28	12				HPDECMEC	18	132100 P114	013	1P	
022	PACS FW 2 TS R . U		PFT.S -		P096	TS4CC-28	12				HPDECMEC	18	132100 P114	032	1P	

Pin Allocation List

(Harness)

Connector: 313100 P004
 HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
012	PACS FW 2 TS R . IRTN		PFT.S -		P096	TS4CC-28	12				HPDECMEC	18	132100 P114	014	1P
013	PACS FW 2 TS R . URTN		PFT.S -		P096	TS4CC-28	12				HPDECMEC	18	132100 P114	033	1P
031	PACS FW 2 TS R . SH096		PFT.S -		P096	TS4CC-28	12			CS-P096	HPDECMEC	18	132100 P114	015	1P 1P
-															
099	PACS Cal BB1red . sens		PAD.S -		P120	TP2CC-28	13		5		HPDECMEC	18	132100 P115	009	1P 1P
087	PACS Cal BB1red . senRT		PAD.S -		P120	TP2CC-28	13		5		HPDECMEC	18	132100 P115	010	1P 1P
100	PACS Cal BB1red . drv		PAD.S -		P120	TP2CC-28	13		6		HPDECMEC	18	132100 P115	002	1P 1P
088	PACS Cal BB1red . drvRT		PAD.S -		P120	TP2CC-28	13		6		HPDECMEC	18	132100 P115	003	1P 1P
076	PACS Cal BB1red . SH120		PAD.S -		P120	TP2CC-28	13			CS-P120	HPDECMEC	18	132100 P115	001	1P 1P
-															
097	PACS Cal BB2 red . sens		PAD.S -		P121	TP2CC-28	14		7		HPDECMEC	18	132100 P115	012	1P 1P
085	PACS Cal BB2 red . senRT		PAD.S -		P121	TP2CC-28	14		7		HPDECMEC	18	132100 P115	013	1P 1P
098	PACS Cal BB2 red . drv		PAD.S -		P121	TP2CC-28	14		8		HPDECMEC	18	132100 P115	004	1P 1P
086	PACS Cal BB2 red . drvRT		PAD.S -		P121	TP2CC-28	14		8		HPDECMEC	18	132100 P115	005	1P 1P
108	PACS Cal BB2 red . SH121		PAD.S -		P121	TP2CC-28	14			CS-P121	HPDECMEC	18	132100 P115	011	1P 1P
-															
106	PACS Cal BB2 tsens . sens		PAT.S -		P122	TS4CC-28	15				HPDECMEC	18	132100 P115	007	1P
107	PACS Cal BB2 tsens . drv		PAT.S -		P122	TS4CC-28	15				HPDECMEC	18	132100 P115	006	1P 1P
095	PACS Cal BB2 tsens . senRT		PAT.S -		P122	TS4CC-28	15				HPDECMEC	18	132100 P115	015	1P
096	PACS Cal BB2 tsens . drvRT		PAT.S -		P122	TS4CC-28	15				HPDECMEC	18	132100 P115	014	1P
122	PACS Cal BB2 tsens . SH122		PAT.S -		P122	TS4CC-28	15			CS-P122	HPDECMEC	18	132100 P115	008	1P 1P
-															
051	PACS Gdrv Coil LL Red . 1rtrn		PGC.S -		P105	TP3CC-28	16		9		HPDECMEC	18	132100 P111	002	1P 1P
063	PACS Gdrv Coil LL Red . 1r		PGC.S -		P105	TP3CC-28	16		9		HPDECMEC	18	132100 P111	001	1P 1P
064	PACS Gdrv Coil LL Red . 2r		PGC.S -		P105	TP3CC-28	16		A		HPDECMEC	18	132100 P111	014	1P 1P
052	PACS Gdrv Coil LL Red . 2rtrn		PGC.S -		P105	TP3CC-28	16		A		HPDECMEC	18	132100 P111	015	1P 1P
065	PACS Gdrv Coil LL Red . drv		PGC.S -		P105	TP3CC-28	16		B		HPDECMEC	18	132100 P111	016	1P 1P
053	PACS Gdrv Coil LL Red . drrtn		PGC.S -		P105	TP3CC-28	16		B		HPDECMEC	18	132100 P111	017	1P 1P
062	PACS Gdrv Coil LL Red . SH105		PGC.S -		P105	TP3CC-28	16			CS-P105	HPDECMEC	18	132100 P111	003	1P 1P
-															
039	PACS Gdrv Switch Red . drv1		PGS.S -		P106	TS4CC-28	17	106-1			HPDECMEC	18	132100 P111	018	1P 1P
027	PACS Gdrv Switch Red . drv2		PGS.S -		P106	TS4CC-28	17	106-1			HPDECMEC	18	132100 P111	006	1P 1P
040	PACS Gdrv Switch Red . drrt1		PGS.S -		P106	TS4CC-28	17	106-1			HPDECMEC	18	132100 P111	019	1P 1P
028	PACS Gdrv Switch Red . drrt2		PGS.S -		P106	TS4CC-28	17	106-1			HPDECMEC	18	132100 P111	007	1P 1P

Pin Allocation List

(Harness)

Connector: 313100 P004
HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

Conn.-Type: SCC340104401B06G2435SN

Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
054	PACS Gdrv Switch Red . SH106		PGS.S -		P106	TS4CC-28	17	106-1		CSS-106-1	HPDECMEC	18	132100 P111	020	1P	1P
-																
041	PACS Gdrv Switch Red . LLp		PGS.S -		P106	TS4CC-28	18	106-2			HPDECMEC	18	132100 P111	008	1P	1P
029	PACS Gdrv Switch Red . LL+		PGS.S -		P106	TS4CC-28	18	106-2			HPDECMEC	18	132100 P111	021	1P	1P
042	PACS Gdrv Switch Red . LL-		PGS.S -		P106	TS4CC-28	18	106-2			HPDECMEC	18	132100 P111	009	1P	1P
030	PACS Gdrv Switch Red . LLrtn		PGS.S -		P106	TS4CC-28	18	106-2			HPDECMEC	18	132100 P111	022	1P	1P
054	PACS Gdrv Switch Red . SH106		PGS.S -		P106	TS4CC-28	18	106-2		CS-106-2	HPDECMEC	18	132100 P111	020	1P	1P
-																
073	PACS Gsensdrv Red . drv		PGD.S -		P107	TS2CC-28	19				HPDECMEC	18	132100 P111	010	1P	1P
061	PACS Gsensdrv Red . drrtn		PGD.S -		P107	TS2CC-28	19				HPDECMEC	18	132100 P111	011	1P	1P
050	PACS Gsensdrv Red . SH107		PGD.S -		P107	TS2CC-28	19			CS-P107	HPDECMEC	18	132100 P111	023	1P	1P
-																
083	PACS Gsens 1 Red . dr1rs		PGH.S -		P108	TS4CC-28	20				HPDECMEC	18	132100 P112	001	1P	1P
071	PACS Gsens 1 Red . drv1r		PGH.S -		P108	TS4CC-28	20				HPDECMEC	18	132100 P112	014	1P	
072	PACS Gsens 1 Red . d1rsr		PGH.S -		P108	TS4CC-28	20				HPDECMEC	18	132100 P112	002	1P	
060	PACS Gsens 1 Red . d1rrt		PGH.S -		P108	TS4CC-28	20				HPDECMEC	18	132100 P112	015	1P	
082	PACS Gsens 1 Red . SH108		PGH.S -		P108	TS4CC-28	20			CS-P108	HPDECMEC	18	132100 P112	003	1P	1P
-																
026	PACS Gsens 2 Red . dr2rs		PGH.S -		P109	TS4CC-28	21				HPDECMEC	18	132100 P112	016	1P	1P
015	PACS Gsens 2 Red . drv2r		PGH.S -		P109	TS4CC-28	21				HPDECMEC	18	132100 P112	004	1P	
016	PACS Gsens 2 Red . d2rsr		PGH.S -		P109	TS4CC-28	21				HPDECMEC	18	132100 P112	017	1P	
008	PACS Gsens 2 Red . d2rrt		PGH.S -		P109	TS4CC-28	21				HPDECMEC	18	132100 P112	005	1P	
001	PACS Gsens 2 Red . SH109		PGH.S -		P109	TS4CC-28	21			CS-P109	HPDECMEC	18	132100 P112	018	1P	1P
-																
036	PACS Gsens sin Red . sin		PGI.S -		P110	TS2CC-28	22				HPDECMEC	18	132100 P112	006	1P	1P
025	PACS Gsens sin Red . sinrt		PGI.S -		P110	TS2CC-28	22				HPDECMEC	18	132100 P112	007	1P	
048	PACS Gsens sin Red . SH110		PGI.S -		P110	TS2CC-28	22			CD-P110	HPDECMEC	18	132100 P112	019	1P	1P
-																
049	PACS Gsens cos Red . cos		PGO.S -		P111	TS2CC-28	23				HPDECMEC	18	132100 P112	020	1P	1P
037	PACS Gsens cos Red . cosrt		PGO.S -		P111	TS2CC-28	23				HPDECMEC	18	132100 P112	021	1P	
038	PACS Gsens cos Red . SH111		PGO.S -		P111	TS2CC-28	23			CS-P111	HPDECMEC	18	132100 P112	008	1P	1P
-																
009	PACS Gtsens Red . drv		PGT.S -		P112	TS4CC-28	24				HPDECMEC	18	132100 P112	009	1P	1P
003	PACS Gtsens Red . rs		PGT.S -		P112	TS4CC-28	24				HPDECMEC	18	132100 P112	022	1P	

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 439 (of 464)

Connector: 313100 P004
 HPSVMCB1

Function / Bundle: SIH-XP-14 (82-86;92-96;120-122;105-112)

Conn.-Type: SCC340104401B06G2435SN
Backshell: 380 FS 007 M 24 06

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
002	PACS Gtsens Red . drvrt		PGT.S -		P112	TS4CC-28	24				HPDECMC	18	132100 P112	010	1P
004	PACS Gtsens Red . srtn		PGT.S -		P112	TS4CC-28	24				HPDECMC	18	132100 P112	023	1P
017	PACS Gtsens Red . SH112		PGT.S -		P112	TS4CC-28	24			CS-P112	HPDECMC	18	132100 P112	011	1P 1P
-															
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 440 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P111
HPDECMEC

Function / Bundle: MEC2 to FPU SIH-XP-14 (105-107)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-69-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS Gdrv Coil LL Red . 1r		PGC.S -		P105	TP3CC-28	1		1		HPSVMCB1	28	313100 P004	063	1P	1P
002	PACS Gdrv Coil LL Red . 1rrtn		PGC.S -		P105	TP3CC-28	1		1		HPSVMCB1	28	313100 P004	051	1P	1P
014	PACS Gdrv Coil LL Red . 2r		PGC.S -		P105	TP3CC-28	1		2		HPSVMCB1	28	313100 P004	064	1P	1P
015	PACS Gdrv Coil LL Red . 2rrtn		PGC.S -		P105	TP3CC-28	1		2		HPSVMCB1	28	313100 P004	052	1P	1P
016	PACS Gdrv Coil LL Red . drv		PGC.S -		P105	TP3CC-28	1		3		HPSVMCB1	28	313100 P004	065	1P	1P
017	PACS Gdrv Coil LL Red . drrtn		PGC.S -		P105	TP3CC-28	1		3		HPSVMCB1	28	313100 P004	053	1P	1P
003	PACS Gdrv Coil LL Red . SH105		PGC.S -		P105	TP3CC-28	1			CS-P105	HPSVMCB1	28	313100 P004	062	1P	1P
-																
018	PACS Gdrv Switch Red . drv1		PGS.S -		P106	TS4CC-28	2	106-1			HPSVMCB1	28	313100 P004	039	1P	1P
006	PACS Gdrv Switch Red . drv2		PGS.S -		P106	TS4CC-28	2	106-1			HPSVMCB1	28	313100 P004	027	1P	1P
019	PACS Gdrv Switch Red . drrt1		PGS.S -		P106	TS4CC-28	2	106-1			HPSVMCB1	28	313100 P004	040	1P	1P
007	PACS Gdrv Switch Red . drrt2		PGS.S -		P106	TS4CC-28	2	106-1			HPSVMCB1	28	313100 P004	028	1P	1P
020	PACS Gdrv Switch Red . SH106		PGS.S -		P106	TS4CC-28	2	106-1		CS-106-1	HPSVMCB1	28	313100 P004	054	1P	1P
-																
008	PACS Gdrv Switch Red . LLp		PGS.S -		P106	TS4CC-28	3	106-2			HPSVMCB1	28	313100 P004	041	1P	1P
021	PACS Gdrv Switch Red . LL+		PGS.S -		P106	TS4CC-28	3	106-2			HPSVMCB1	28	313100 P004	029	1P	1P
009	PACS Gdrv Switch Red . LL-		PGS.S -		P106	TS4CC-28	3	106-2			HPSVMCB1	28	313100 P004	042	1P	1P
022	PACS Gdrv Switch Red . LLrrtn		PGS.S -		P106	TS4CC-28	3	106-2			HPSVMCB1	28	313100 P004	030	1P	1P
020	PACS Gdrv Switch Red . SH106		PGS.S -		P106	TS4CC-28	3	106-2		CS-106-2	HPSVMCB1	28	313100 P004	054	1P	1P
-																
010	PACS Gsensdrv Red . drv		PGD.S -		P107	TS2CC-28	4				HPSVMCB1	28	313100 P004	073	1P	1P
011	PACS Gsensdrv Red . drrtn		PGD.S -		P107	TS2CC-28	4				HPSVMCB1	28	313100 P004	061	1P	1P
023	PACS Gsensdrv Red . SH107		PGD.S -		P107	TS2CC-28	4			CS-P107	HPSVMCB1	28	313100 P004	050	1P	1P
004	NC															
005	NC															
024	NC															
012	NC															
025	NC															
013	NC															
CH	Overall Shield									Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 442 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P112
HPDECMEC

Function / Bundle: MEC2 to FPU SIH-XP-14 (108-112)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-69-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS Gsens 1 Red . dr1rs		PGH.S -		P108	TS4CC-28	1				HPSVMCB1	28	313100 P004	083	1P 1P
014	PACS Gsens 1 Red . drv1r		PGH.S -		P108	TS4CC-28	1				HPSVMCB1	28	313100 P004	071	1P
002	PACS Gsens 1 Red . d1rsr		PGH.S -		P108	TS4CC-28	1				HPSVMCB1	28	313100 P004	072	1P
015	PACS Gsens 1 Red . d1rrt		PGH.S -		P108	TS4CC-28	1				HPSVMCB1	28	313100 P004	060	1P
003	PACS Gsens 1 Red . SH108		PGH.S -		P108	TS4CC-28	1		CS-P108		HPSVMCB1	28	313100 P004	082	1P 1P
-															
016	PACS Gsens 2 Red . dr2rs		PGH.S -		P109	TS4CC-28	2				HPSVMCB1	28	313100 P004	026	1P 1P
004	PACS Gsens 2 Red . drv2r		PGH.S -		P109	TS4CC-28	2				HPSVMCB1	28	313100 P004	015	1P
017	PACS Gsens 2 Red . d2rsr		PGH.S -		P109	TS4CC-28	2				HPSVMCB1	28	313100 P004	016	1P
005	PACS Gsens 2 Red . d2rrt		PGH.S -		P109	TS4CC-28	2				HPSVMCB1	28	313100 P004	008	1P
018	PACS Gsens 2 Red . SH109		PGH.S -		P109	TS4CC-28	2		CS-P109		HPSVMCB1	28	313100 P004	001	1P 1P
-															
006	PACS Gsens sin Red . sin		PGI.S -		P110	TS2CC-28	3				HPSVMCB1	28	313100 P004	036	1P 1P
007	PACS Gsens sin Red . sinrt		PGI.S -		P110	TS2CC-28	3				HPSVMCB1	28	313100 P004	025	1P
019	PACS Gsens sin Red . SH110		PGI.S -		P110	TS2CC-28	3		CS-P110		HPSVMCB1	28	313100 P004	048	1P 1P
-															
020	PACS Gsens cos Red . cos		PGO.S -		P111	TS2CC-28	4				HPSVMCB1	28	313100 P004	049	1P 1P
021	PACS Gsens cos Red . cosrt		PGO.S -		P111	TS2CC-28	4				HPSVMCB1	28	313100 P004	037	1P
008	PACS Gsens cos Red . SH111		PGO.S -		P111	TS2CC-28	4		CS-P111		HPSVMCB1	28	313100 P004	038	1P 1P
-															
009	PACS Gtsens Red . drv		PGT.S -		P112	TS4CC-28	5				HPSVMCB1	28	313100 P004	009	1P 1P
022	PACS Gtsens Red . rs		PGT.S -		P112	TS4CC-28	5				HPSVMCB1	28	313100 P004	003	1P
010	PACS Gtsens Red . drvrt		PGT.S -		P112	TS4CC-28	5				HPSVMCB1	28	313100 P004	002	1P
023	PACS Gtsens Red . srtn		PGT.S -		P112	TS4CC-28	5				HPSVMCB1	28	313100 P004	004	1P
011	PACS Gtsens Red . SH112		PGT.S -		P112	TS4CC-28	5		CS-P112		HPSVMCB1	28	313100 P004	017	1P 1P
024	NC														
012	NC														
025	NC														
013	NC														
CH	Overall Shield								Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List

(Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 444 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P113
HPDECMEC

Function / Bundle: MEC2 to FPU SIH-XP-14 (82-86)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FW 1 Coil R . 1R		PFC.S -		P082	TP2CC-28	1		1		HPSVMCB1	28	313100 P004	121	1P	1P
002	PACS FW 1 Coil R . 1RRTN		PFC.S -		P082	TP2CC-28	1		1		HPSVMCB1	28	313100 P004	113	1P	1P
020	PACS FW 1 Coil R . 2R		PFC.S -		P082	TP2CC-28	1		2		HPSVMCB1	28	313100 P004	114	1P	1P
021	PACS FW 1 Coil R . 2RRTN		PFC.S -		P082	TP2CC-28	1		2		HPSVMCB1	28	313100 P004	103	1P	1P
003	PACS FW 1 Coil R . SH082		PFC.S -		P082	TP2CC-28	1			CS-P082	HPSVMCB1	28	313100 P004	102	1P	1P
-																
022	PACS FW 1 HP1R . I		PFH.S -		P083	TS4CC-28	2				HPSVMCB1	28	313100 P004	127	1P	1P
004	PACS FW 1 HP1R . U		PFH.S -		P083	TS4CC-28	2				HPSVMCB1	28	313100 P004	128		1P
023	PACS FW 1 HP1R . IRTN		PFH.S -		P083	TS4CC-28	2				HPSVMCB1	28	313100 P004	120		1P
005	PACS FW 1 HP1R . URTN		PFH.S -		P083	TS4CC-28	2				HPSVMCB1	28	313100 P004	112		1P
024	PACS FW 1 HP1R . SH083		PFH.S -		P083	TS4CC-28	2			CS-P083	HPSVMCB1	28	313100 P004	111	1P	1P
-																
006	PACS FW 1 HP2R . I		PFH.S -		P084	TS4CC-28	3				HPSVMCB1	28	313100 P004	125	1P	1P
025	PACS FW 1 HP2R . U		PFH.S -		P084	TS4CC-28	3				HPSVMCB1	28	313100 P004	126		1P
007	PACS FW 1 HP2R . IRTN		PFH.S -		P084	TS4CC-28	3				HPSVMCB1	28	313100 P004	118		1P
026	PACS FW 1 HP2R . URTN		PFH.S -		P084	TS4CC-28	3				HPSVMCB1	28	313100 P004	119		1P
008	PACS FW 1 HP2R . SH084		PFH.S -		P084	TS4CC-28	3			CS-P084	HPSVMCB1	28	313100 P004	110	1P	1P
-																
027	PACS FW 1 S R . 12I		PFS.S -		P085	TS4CC-28	4	085-1			HPSVMCB1	28	313100 P004	079	1P	1P
009	PACS FW 1 S R . 1U		PFS.S -		P085	TS4CC-28	4	085-1			HPSVMCB1	28	313100 P004	080	1P	1P
028	PACS FW 1 S R . 2U		PFS.S -		P085	TS4CC-28	4	085-1			HPSVMCB1	28	313100 P004	081	1P	1P
010	PACS FW 1 S R . 12IRT		PFS.S -		P085	TS4CC-28	4	085-1			HPSVMCB1	28	313100 P004	078	1P	1P
029	PACS FW 1 S R . SH085		PFS.S -		P085	TS4CC-28	4	085-1		CS-085-1	HPSVMCB1	28	313100 P004	101	1P	1P
-																
011	PACS FW 1 S R . 34I		PFS.S -		P085	TS4CC-28	5	085-2			HPSVMCB1	28	313100 P004	090	1P	1P
030	PACS FW 1 S R . 3U		PFS.S -		P085	TS4CC-28	5	085-2			HPSVMCB1	28	313100 P004	091	1P	1P
012	PACS FW 1 S R . 4U		PFS.S -		P085	TS4CC-28	5	085-2			HPSVMCB1	28	313100 P004	092	1P	1P
031	PACS FW 1 S R . 34IRT		PFS.S -		P085	TS4CC-28	5	085-2			HPSVMCB1	28	313100 P004	093	1P	1P
029	PACS FW 1 S R . SH085		PFS.S -		P085	TS4CC-28	5	085-2		CS-085-2	HPSVMCB1	28	313100 P004	101	1P	1P
-																
013	PACS FW 1 TS R . I		PFT.S -		P086	TS4CC-28	6				HPSVMCB1	28	313100 P004	123	1P	1P
032	PACS FW 1 TS R . U		PFT.S -		P086	TS4CC-28	6				HPSVMCB1	28	313100 P004	124		1P
014	PACS FW 1 TS R . IRTN		PFT.S -		P086	TS4CC-28	6				HPSVMCB1	28	313100 P004	116		1P
033	PACS FW 1 TS R . URTN		PFT.S -		P086	TS4CC-28	6				HPSVMCB1	28	313100 P004	117		1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 446 (of 464)

Connector: 132100 P113
 HPDECMEC

Function / Bundle: MEC2 to FPU SIH-XP-14 (82-86)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
015	PACS FW 1 TS R . SH086		PFT.S -		P086	TS4CC-28	6			CS-P086	HPSVMCB1	28	313100 P004	109	1P 1P
034	NC														
016	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P114
HPDECMEC

Function / Bundle: MEC2 to FPU SIH-XP-14 (92-96)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS FW 2 Coil 1/2 Re . 1		PFC.S -		P092	TP2CC-28	1		1		HPSVMCB1	28	313100 P004	047	1P	1P
002	PACS FW 2 Coil 1/2 Re . 1RTN		PFC.S -		P092	TP2CC-28	1		1		HPSVMCB1	28	313100 P004	046	1P	1P
020	PACS FW 2 Coil 1/2 Re . 2		PFC.S -		P092	TP2CC-28	1		2		HPSVMCB1	28	313100 P004	035	1P	1P
021	PACS FW 2 Coil 1/2 Re . 2RTN		PFC.S -		P092	TP2CC-28	1		2		HPSVMCB1	28	313100 P004	034	1P	1P
003	PACS FW 2 Coil 1/2 Re . SH092		PFC.S -		P092	TP2CC-28	1			CS-P092	HPSVMCB1	28	313100 P004	023	1P	1P
-																
022	PACS FW 2 HP1R . I		PFH.S -		P093	TS4CC-28	2				HPSVMCB1	28	313100 P004	006	1P	1P
004	PACS FW 2 HP1R . U		PFH.S -		P093	TS4CC-28	2				HPSVMCB1	28	313100 P004	014		1P
023	PACS FW 2 HP1R . IRTN		PFH.S -		P093	TS4CC-28	2				HPSVMCB1	28	313100 P004	007		1P
005	PACS FW 2 HP1R . URTN		PFH.S -		P093	TS4CC-28	2				HPSVMCB1	28	313100 P004	024		1P
024	PACS FW 2 HP1R . SH093		PFH.S -		P093	TS4CC-28	2			CS-P093	HPSVMCB1	28	313100 P004	005	1P	1P
-																
006	PACS FW 2 HP2R . I		PFH.S -		P094	TS4CC-28	3				HPSVMCB1	28	313100 P004	044	1P	1P
025	PACS FW 2 HP2R . U		PFH.S -		P094	TS4CC-28	3				HPSVMCB1	28	313100 P004	045		1P
007	PACS FW 2 HP2R . IRTN		PFH.S -		P094	TS4CC-28	3				HPSVMCB1	28	313100 P004	032		1P
026	PACS FW 2 HP2R . URTN		PFH.S -		P094	TS4CC-28	3				HPSVMCB1	28	313100 P004	033		1P
008	PACS FW 2 HP2R . SH094		PFH.S -		P094	TS4CC-28	3			CS-P094	HPSVMCB1	28	313100 P004	043	1P	1P
-																
027	PACS FW 2 S R . 12I		PFS.S -		P095	TS4CC-28	4	095-1			HPSVMCB1	28	313100 P004	067	1P	1P
009	PACS FW 2 S R . 1U		PFS.S -		P095	TS4CC-28	4	095-1			HPSVMCB1	28	313100 P004	068	1P	1P
028	PACS FW 2 S R . 2U		PFS.S -		P095	TS4CC-28	4	095-1			HPSVMCB1	28	313100 P004	069	1P	1P
010	PACS FW 2 S R . 12IRT		PFS.S -		P095	TS4CC-28	4	095-1			HPSVMCB1	28	313100 P004	070	1P	1P
029	PACS FW 2 S R . SH095		PFS.S -		P095	TS4CC-28	4	095-1		CS-095-1	HPSVMCB1	28	313100 P004	066	1P	1P
-																
011	PACS FW 2 S R . 34I		PFS.S -		P095	TS4CC-28	5	095-2			HPSVMCB1	28	313100 P004	058	1P	1P
030	PACS FW 2 S R . 3U		PFS.S -		P095	TS4CC-28	5	095-2			HPSVMCB1	28	313100 P004	057	1P	1P
012	PACS FW 2 S R . 4U		PFS.S -		P095	TS4CC-28	5	095-2			HPSVMCB1	28	313100 P004	056	1P	1P
031	PACS FW 2 S R . 34IRT		PFS.S -		P095	TS4CC-28	5	095-2			HPSVMCB1	28	313100 P004	055	1P	1P
029	PACS FW 2 S R . SH095		PFS.S -		P095	TS4CC-28	5	095-2		CS-095-2	HPSVMCB1	28	313100 P004	066	1P	1P
-																
013	PACS FW 2 TS R . I		PFT.S -		P096	TS4CC-28	6				HPSVMCB1	28	313100 P004	021		1P
032	PACS FW 2 TS R . U		PFT.S -		P096	TS4CC-28	6				HPSVMCB1	28	313100 P004	022		1P
014	PACS FW 2 TS R . IRTN		PFT.S -		P096	TS4CC-28	6				HPSVMCB1	28	313100 P004	012		1P
033	PACS FW 2 TS R . URTN		PFT.S -		P096	TS4CC-28	6				HPSVMCB1	28	313100 P004	013		1P

Astrium GmbH

Project: **HERSCHEL**

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015
 Issue : 2.0 Date : 26.11.2004
 Sheet : 448 (of 464)

Connector: 132100 P114
 HPDECMEC

Function / Bundle: MEC2 to FPU SIH-XP-14 (92-96)

Conn.-Type: SCC340100201BDCMA37PNMBFO
Backshell: CA-42-37

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
015	PACS FW 2 TS R . SH096		PFT.S -		P096	TS4CC-28	6			CS-P096	HPSVMCB1	28	313100 P004	031	1P 1P
034	NC														
016	NC														
035	NC														
017	NC														
036	NC														
018	NC														
037	NC														
019	NC														
CH	Overall Shield									Overall Shield con to CH					1P

Pin Allocation List

(Harness)

Connector: 132100 P115
HPDECMEC

Function / Bundle: MEC2 to FPU SIH-XP-14 (120-122)

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-34-15

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
009	PACS Cal BB1red . sens		PAD.S -		P120	TP2CC-28	1		1		HPSVMCB1	28	313100 P004	099	1P 1P
010	PACS Cal BB1red . senRT		PAD.S -		P120	TP2CC-28	1		1		HPSVMCB1	28	313100 P004	087	1P 1P
002	PACS Cal BB1red . drv		PAD.S -		P120	TP2CC-28	1		2		HPSVMCB1	28	313100 P004	100	1P 1P
003	PACS Cal BB1red . drvRT		PAD.S -		P120	TP2CC-28	1		2		HPSVMCB1	28	313100 P004	088	1P 1P
001	PACS Cal BB1red . SH120		PAD.S -		P120	TP2CC-28	1			CS-P120	HPSVMCB1	28	313100 P004	076	1P 1P
-															
004	PACS Cal BB2 red . drv		PAD.S -		P121	TP2CC-28	2		3		HPSVMCB1	28	313100 P004	098	1P 1P
005	PACS Cal BB2 red . drvRT		PAD.S -		P121	TP2CC-28	2		3		HPSVMCB1	28	313100 P004	086	1P 1P
012	PACS Cal BB2 red . sens		PAD.S -		P121	TP2CC-28	2		4		HPSVMCB1	28	313100 P004	097	1P 1P
013	PACS Cal BB2 red . senRT		PAD.S -		P121	TP2CC-28	2		4		HPSVMCB1	28	313100 P004	085	1P 1P
011	PACS Cal BB2 red . SH121		PAD.S -		P121	TP2CC-28	2			CS-P121	HPSVMCB1	28	313100 P004	108	1P 1P
-															
006	PACS Cal BB2 tsens . drv		PAT.S -		P122	TS4CC-28	3				HPSVMCB1	28	313100 P004	107	1P 1P
014	PACS Cal BB2 tsens . drvRT		PAT.S -		P122	TS4CC-28	3				HPSVMCB1	28	313100 P004	096	1P
007	PACS Cal BB2 tsens . sens		PAT.S -		P122	TS4CC-28	3				HPSVMCB1	28	313100 P004	106	1P
015	PACS Cal BB2 tsens . senRT		PAT.S -		P122	TS4CC-28	3				HPSVMCB1	28	313100 P004	095	1P
008	PACS Cal BB2 tsens . SH122		PAT.S -		P122	TS4CC-28	3			CS-P122	HPSVMCB1	28	313100 P004	122	1P 1P
-															
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 450 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 313100 P005
 HPSVMCB1

Function / Bundle: SIH-XP-15 (117-117;123;97-99;100-104)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
099	PACS Cal BB1 nom . sens		PAD.S -		P117	TP2CC-28	1		1		HPDECMEC	18	132100 P015	009	1P	1P
091	PACS Cal BB1 nom . senRT		PAD.S -		P117	TP2CC-28	1		1		HPDECMEC	18	132100 P015	010	1P	1P
100	PACS Cal BB1 nom . drv		PAD.S -		P117	TP2CC-28	1		2		HPDECMEC	18	132100 P015	002	1P	1P
092	PACS Cal BB1 nom . drvRT		PAD.S -		P117	TP2CC-28	1		2		HPDECMEC	18	132100 P015	003	1P	1P
093	PACS Cal BB1 nom . SH117		PAD.S -		P117	TP2CC-28	1			CS-P117	HPDECMEC	18	132100 P015	001	1P	1P
-																
096	PACS Cal BB2 nom . drv		PAD.S -		P118	TP2CC-28	2		3		HPDECMEC	18	132100 P015	004	1P	1P
097	PACS Cal BB2 nom . drvRT		PAD.S -		P118	TP2CC-28	2		3		HPDECMEC	18	132100 P015	005	1P	1P
098	PACS Cal BB2 nom . sens		PAD.S -		P118	TP2CC-28	2		4		HPDECMEC	18	132100 P015	012	1P	1P
090	PACS Cal BB2 nom . senRT		PAD.S -		P118	TP2CC-28	2		4		HPDECMEC	18	132100 P015	013	1P	1P
089	PACS Cal BB2 nom . SH118		PAD.S -		P118	TP2CC-28	2			CS-P118	HPDECMEC	18	132100 P015	011	1P	1P
-																
095	PACS Cal BB1 tsens . drv		PAT.S -		P119	TS4CC-28	3				HPDECMEC	18	132100 P015	006	1P	1P
094	PACS Cal BB1 tsens . drvRT		PAT.S -		P119	TS4CC-28	3				HPDECMEC	18	132100 P015	014		
088	PACS Cal BB1 tsens . sens		PAT.S -		P119	TS4CC-28	3				HPDECMEC	18	132100 P015	007		
087	PACS Cal BB1 tsens . senRT		PAT.S -		P119	TS4CC-28	3				HPDECMEC	18	132100 P015	015		
086	PACS Cal BB1 tsens . SH119		PAT.S -		P119	TS4CC-28	3			CS-P119	HPDECMEC	18	132100 P015	008	1P	1P
-																
082	PACS TS nom . 1drv		PTS.S -		P123	TS4CC-28	4	123-1			HPDECMEC	18	132100 P016	001	1P	1P
073	PACS TS nom . 1drvRT		PTS.S -		P123	TS4CC-28	4	123-1			HPDECMEC	18	132100 P016	002	1P	1P
083	PACS TS nom . 1sens		PTS.S -		P123	TS4CC-28	4	123-1			HPDECMEC	18	132100 P016	006	1P	1P
074	PACS TS nom . 1seRT		PTS.S -		P123	TS4CC-28	4	123-1			HPDECMEC	18	132100 P016	007	1P	1P
081	PACS TS nom . SH123		PTS.S -		P123	TS4CC-28	4	123-1		CS-123-1	HPDECMEC	18	132100 P016	003	1P	1P
-																
084	PACS TS nom . 2sens		PTS.S -		P123	TS4CC-28	5	123-2			HPDECMEC	18	132100 P016	008	1P	1P
075	PACS TS nom . 2seRT		PTS.S -		P123	TS4CC-28	5	123-2			HPDECMEC	18	132100 P016	009	1P	1P
085	PACS TS nom . 2drv		PTS.S -		P123	TS4CC-28	5	123-2			HPDECMEC	18	132100 P016	004	1P	1P
076	PACS TS nom . 2drvRT		PTS.S -		P123	TS4CC-28	5	123-2			HPDECMEC	18	132100 P016	005	1P	1P
081	PACS TS nom . SH123		PTS.S -		P123	TS4CC-28	5	123-2		CS-123-2	HPDECMEC	18	132100 P016	003	1P	1P
-																
068	PACS Gdrv Coil LL Nom . nrtn		PGC.S -		P097	TP3CC-28	6		5		HPDECMEC	18	132100 P011	002	1P	1P
078	PACS Gdrv Coil LL Nom . 1n		PGC.S -		P097	TP3CC-28	6		5		HPDECMEC	18	132100 P011	001	1P	1P
079	PACS Gdrv Coil LL Nom . 2n		PGC.S -		P097	TP3CC-28	6		6		HPDECMEC	18	132100 P011	014	1P	1P
069	PACS Gdrv Coil LL Nom . 2nrtn		PGC.S -		P097	TP3CC-28	6		6		HPDECMEC	18	132100 P011	015	1P	1P

Pin Allocation List

(Harness)

Connector: 313100 P005
 HPSVMCB1

Function / Bundle: SIH-XP-15 (117-117;123;97-99;100-104)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
080	PACS Gdrv Coil LL Nom . drv		PGC.S -		P097	TP3CC-28	6		7		HPDECMEC	18	132100 P011	016	1P	1P
070	PACS Gdrv Coil LL Nom . drtrn		PGC.S -		P097	TP3CC-28	6		7		HPDECMEC	18	132100 P011	017	1P	1P
077	PACS Gdrv Coil LL Nom . SH097		PGC.S -		P097	TP3CC-28	6			CS-P097	HPDECMEC	18	132100 P011	003	1P	1P
-																
065	PACS Gsensdrv Nom . drv		PGD.S -		P099	TS2CC-28	7				HPDECMEC	18	132100 P011	010	1P	1P
055	PACS Gsensdrv Nom . drtrn		PGD.S -		P099	TS2CC-28	7				HPDECMEC	18	132100 P011	011		
066	PACS Gsensdrv Nom . SH099		PGD.S -		P099	TS2CC-28	7			CS-P099	HPDECMEC	18	132100 P011	023	1P	1P
-																
061	PACS Gdrv Switch Nom . drv1		PGS.S -		P098	TS4CC-28	8	098-1			HPDECMEC	18	132100 P011	018	1P	1P
052	PACS Gdrv Switch Nom . drtrn		PGS.S -		P098	TS4CC-28	8	098-1			HPDECMEC	18	132100 P011	019	1P	1P
062	PACS Gdrv Switch Nom . drv2		PGS.S -		P098	TS4CC-28	8	098-1			HPDECMEC	18	132100 P011	006	1P	1P
051	PACS Gdrv Switch Nom . drtr2		PGS.S -		P098	TS4CC-28	8	098-1			HPDECMEC	18	132100 P011	007	1P	1P
050	PACS Gdrv Switch Nom . SH098		PGS.S -		P098	TS4CC-28	8	098-1		CS-098-1	HPDECMEC	18	132100 P011	020	1P	1P
-																
053	PACS Gdrv Switch Nom . LLp		PGS.S -		P098	TS4CC-28	9	098-2			HPDECMEC	18	132100 P011	008	1P	1P
063	PACS Gdrv Switch Nom . LL+		PGS.S -		P098	TS4CC-28	9	098-2			HPDECMEC	18	132100 P011	021	1P	1P
064	PACS Gdrv Switch Nom . LL-		PGS.S -		P098	TS4CC-28	9	098-2			HPDECMEC	18	132100 P011	009	1P	1P
054	PACS Gdrv Switch Nom . LLrtn		PGS.S -		P098	TS4CC-28	9	098-2			HPDECMEC	18	132100 P011	022	1P	1P
050	PACS Gdrv Switch Nom . SH098		PGS.S -		P098	TS4CC-28	9	098-2		CS-098-2	HPDECMEC	18	132100 P011	020	1P	1P
-																
044	PACS Gsens 1 Nom . dr1ns		PGH.S -		P100	TS4CC-28	10				HPDECMEC	18	132100 P012	001	1P	1P
045	PACS Gsens 1 Nom . d1nsr		PGH.S -		P100	TS4CC-28	10				HPDECMEC	18	132100 P012	002		
033	PACS Gsens 1 Nom . drv1n		PGH.S -		P100	TS4CC-28	10				HPDECMEC	18	132100 P012	014		
034	PACS Gsens 1 Nom . d1nrt		PGH.S -		P100	TS4CC-28	10				HPDECMEC	18	132100 P012	015		
043	PACS Gsens 1 Nom . SH100		PGH.S -		P100	TS4CC-28	10			CS-P100	HPDECMEC	18	132100 P012	003	1P	1P
-																
023	PACS Gsens 2 Nom . dr2ns		PGH.S -		P101	TS4CC-28	11				HPDECMEC	18	132100 P012	016	1P	1P
024	PACS Gsens 2 Nom . drv2n		PGH.S -		P101	TS4CC-28	11				HPDECMEC	18	132100 P012	004		
014	PACS Gsens 2 Nom . d2nsr		PGH.S -		P101	TS4CC-28	11				HPDECMEC	18	132100 P012	017		
015	PACS Gsens 2 Nom . d2nrt		PGH.S -		P101	TS4CC-28	11				HPDECMEC	18	132100 P012	005		
007	PACS Gsens 2 Nom . SH101		PGH.S -		P101	TS4CC-28	11			CS- P101	HPDECMEC	18	132100 P012	018	1P	1P
-																
042	PACS Gsens sin Nom . sin		PGI.S -		P102	TS2CC-28	12				HPDECMEC	18	132100 P012	006	1P	1P
032	PACS Gsens sin Nom . sirtn		PGI.S -		P102	TS2CC-28	12				HPDECMEC	18	132100 P012	007		

Pin Allocation List

(Harness)

Connector: 313100 P005
 HPSVMCB1

Function / Bundle: SIH-XP-15 (117-117;123;97-99;100-104)

Conn.-Type: SCC340104401B06G2235SN
Backshell: 380 FS 007 M 22 05

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
031	PACS Gsens sin Nom . SH102		PGI.S -		P102	TS2CC-28	12			CS-P102	HPDECMC	18	132100 P012	019	1P 1P
-															
021	PACS Gsens cos Nom . cos		PGO.S -		P103	TS2CC-28	13				HPDECMC	18	132100 P012	020	1P 1P
013	PACS Gsens cos Nom . cortn		PGO.S -		P103	TS2CC-28	13				HPDECMC	18	132100 P012	021	
022	PACS Gsens cos Nom . SH103		PGO.S -		P103	TS2CC-28	13			CS- P103	HPDECMC	18	132100 P012	008	1P 1P
-															
004	PACS Gtsens Nom . drv		PGT.S -		P104	TS4CC-28	14				HPDECMC	18	132100 P012	009	1P 1P
006	PACS Gtsens Nom . ns		PGT.S -		P104	TS4CC-28	14				HPDECMC	18	132100 P012	022	
003	PACS Gtsens Nom . drrtn		PGT.S -		P104	TS4CC-28	14				HPDECMC	18	132100 P012	010	
005	PACS Gtsens Nom . srtn		PGT.S -		P104	TS4CC-28	14				HPDECMC	18	132100 P012	023	
002	PACS Gtsens Nom . SH104		PGT.S -		P104	TS4CC-28	14			CS-P104	HPDECMC	18	132100 P012	011	1P 1P
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 454 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P011
HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-15 (97-99)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-68-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS Gdrv Coil LL Nom . 1n	PGC.S	-		P097	TP3CC-28	1		1		HPSVMCB1	28	313100 P005	078	1P	1P
002	PACS Gdrv Coil LL Nom . nrtn	PGC.S	-		P097	TP3CC-28	1		1		HPSVMCB1	28	313100 P005	068	1P	1P
014	PACS Gdrv Coil LL Nom . 2n	PGC.S	-		P097	TP3CC-28	1		2		HPSVMCB1	28	313100 P005	079	1P	1P
015	PACS Gdrv Coil LL Nom . 2nrtn	PGC.S	-		P097	TP3CC-28	1		2		HPSVMCB1	28	313100 P005	069	1P	1P
016	PACS Gdrv Coil LL Nom . drv	PGC.S	-		P097	TP3CC-28	1		3		HPSVMCB1	28	313100 P005	080	1P	1P
017	PACS Gdrv Coil LL Nom . drtrn	PGC.S	-		P097	TP3CC-28	1		3		HPSVMCB1	28	313100 P005	070	1P	1P
003	PACS Gdrv Coil LL Nom . SH097	PGC.S	-		P097	TP3CC-28	1			CS-P097	HPSVMCB1	28	313100 P005	077	1P	1P
-																
018	PACS Gdrv Switch Nom . drv1	PGS.S	-		P098	TS4CC-28	2	098-1			HPSVMCB1	28	313100 P005	061	1P	1P
019	PACS Gdrv Switch Nom . drtrn	PGS.S	-		P098	TS4CC-28	2	098-1			HPSVMCB1	28	313100 P005	052	1P	1P
006	PACS Gdrv Switch Nom . drv2	PGS.S	-		P098	TS4CC-28	2	098-1			HPSVMCB1	28	313100 P005	062	1P	1P
007	PACS Gdrv Switch Nom . drtr2	PGS.S	-		P098	TS4CC-28	2	098-1			HPSVMCB1	28	313100 P005	051	1P	1P
020	PACS Gdrv Switch Nom . SH098	PGS.S	-		P098	TS4CC-28	2	098-1		CS-098-1	HPSVMCB1	28	313100 P005	050	1P	1P
-																
008	PACS Gdrv Switch Nom . LLp	PGS.S	-		P098	TS4CC-28	3	098-2			HPSVMCB1	28	313100 P005	053	1P	1P
021	PACS Gdrv Switch Nom . LL+	PGS.S	-		P098	TS4CC-28	3	098-2			HPSVMCB1	28	313100 P005	063	1P	1P
009	PACS Gdrv Switch Nom . LL-	PGS.S	-		P098	TS4CC-28	3	098-2			HPSVMCB1	28	313100 P005	064	1P	1P
022	PACS Gdrv Switch Nom . LLrtn	PGS.S	-		P098	TS4CC-28	3	098-2			HPSVMCB1	28	313100 P005	054	1P	1P
020	PACS Gdrv Switch Nom . SH098	PGS.S	-		P098	TS4CC-28	3	098-2		CS-098-2	HPSVMCB1	28	313100 P005	050	1P	1P
-																
010	PACS Gsensdrv Nom . drv	PGD.S	-		P099	TS2CC-28	4				HPSVMCB1	28	313100 P005	065	1P	1P
011	PACS Gsensdrv Nom . drtrn	PGD.S	-		P099	TS2CC-28	4				HPSVMCB1	28	313100 P005	055		
023	PACS Gsensdrv Nom . SH099	PGD.S	-		P099	TS2CC-28	4			CS-P099	HPSVMCB1	28	313100 P005	066	1P	1P
004	NC															
005	NC															
024	NC															
012	NC															
025	NC															
013	NC															
CH	Overall Shield									Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 456 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P012
HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-15 (100-104)

Conn.-Type: SCC340100201BDBMA25PNMBFO
Backshell: CA-68-25

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed	
		Circuit	Signal	Pos.											1P	1P
001	PACS Gsens 1 Nom . dr1ns		PGH.S -		P100	TS4CC-28	1				HPSVMCB1	28	313100 P005	044	1P	1P
002	PACS Gsens 1 Nom . d1nsr		PGH.S -		P100	TS4CC-28	1				HPSVMCB1	28	313100 P005	045		
014	PACS Gsens 1 Nom . drv1n		PGH.S -		P100	TS4CC-28	1				HPSVMCB1	28	313100 P005	033		
015	PACS Gsens 1 Nom . d1nrt		PGH.S -		P100	TS4CC-28	1				HPSVMCB1	28	313100 P005	034		
003	PACS Gsens 1 Nom . SH100		PGH.S -		P100	TS4CC-28	1		CS-P100		HPSVMCB1	28	313100 P005	043	1P	1P
-																
016	PACS Gsens 2 Nom . dr2ns		PGH.S -		P101	TS4CC-28	2				HPSVMCB1	28	313100 P005	023	1P	1P
017	PACS Gsens 2 Nom . d2nsr		PGH.S -		P101	TS4CC-28	2				HPSVMCB1	28	313100 P005	014		
004	PACS Gsens 2 Nom . drv2n		PGH.S -		P101	TS4CC-28	2				HPSVMCB1	28	313100 P005	024		
005	PACS Gsens 2 Nom . d2nrt		PGH.S -		P101	TS4CC-28	2				HPSVMCB1	28	313100 P005	015		
018	PACS Gsens 2 Nom . SH101		PGH.S -		P101	TS4CC-28	2		CS-P101		HPSVMCB1	28	313100 P005	007	1P	1P
-																
006	PACS Gsens sin Nom . sin		PGI.S -		P102	TS2CC-28	3				HPSVMCB1	28	313100 P005	042	1P	1P
007	PACS Gsens sin Nom . sirtn		PGI.S -		P102	TS2CC-28	3				HPSVMCB1	28	313100 P005	032		
019	PACS Gsens sin Nom . SH102		PGI.S -		P102	TS2CC-28	3		CS-P102		HPSVMCB1	28	313100 P005	031	1P	1P
-																
020	PACS Gsens cos Nom . cos		PGO.S -		P103	TS2CC-28	4				HPSVMCB1	28	313100 P005	021	1P	1P
021	PACS Gsens cos Nom . cortn		PGO.S -		P103	TS2CC-28	4				HPSVMCB1	28	313100 P005	013		
008	PACS Gsens cos Nom . SH103		PGO.S -		P103	TS2CC-28	4		CS-P103		HPSVMCB1	28	313100 P005	022	1P	1P
-																
009	PACS Gtsens Nom . drv		PGT.S -		P104	TS4CC-28	5				HPSVMCB1	28	313100 P005	004	1P	1P
010	PACS Gtsens Nom . drrtn		PGT.S -		P104	TS4CC-28	5				HPSVMCB1	28	313100 P005	003		
022	PACS Gtsens Nom . ns		PGT.S -		P104	TS4CC-28	5				HPSVMCB1	28	313100 P005	006		
023	PACS Gtsens Nom . srtn		PGT.S -		P104	TS4CC-28	5				HPSVMCB1	28	313100 P005	005		
011	PACS Gtsens Nom . SH104		PGT.S -		P104	TS4CC-28	5		CS-P104		HPSVMCB1	28	313100 P005	002	1P	1P
024	NC															
012	NC															
025	NC															
013	NC															
CH	Overall Shield								Overall Shield con to CH							1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 458 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P015
 HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-15 (117-119)

Conn.-Type: SCC340100201BDAMA15PNMBFO
Backshell: CA-58-15

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
009	PACS Cal BB1 nom . sens	PAD.S	-		P117	TP2CC-28	1		1		HPSVMCB1	28	313100 P005	099	1P 1P
010	PACS Cal BB1 nom . senRT	PAD.S	-		P117	TP2CC-28	1		1		HPSVMCB1	28	313100 P005	091	1P 1P
002	PACS Cal BB1 nom . drv	PAD.S	-		P117	TP2CC-28	1		2		HPSVMCB1	28	313100 P005	100	1P 1P
003	PACS Cal BB1 nom . drvRT	PAD.S	-		P117	TP2CC-28	1		2		HPSVMCB1	28	313100 P005	092	1P 1P
001	PACS Cal BB1 nom . SH117	PAD.S	-		P117	TP2CC-28	1			CS-P117	HPSVMCB1	28	313100 P005	093	1P 1P
-															
004	PACS Cal BB2 nom . drv	PAD.S	-		P118	TP2CC-28	2		3		HPSVMCB1	28	313100 P005	096	1P 1P
005	PACS Cal BB2 nom . drvRT	PAD.S	-		P118	TP2CC-28	2		3		HPSVMCB1	28	313100 P005	097	1P 1P
012	PACS Cal BB2 nom . sens	PAD.S	-		P118	TP2CC-28	2		4		HPSVMCB1	28	313100 P005	098	1P 1P
013	PACS Cal BB2 nom . senRT	PAD.S	-		P118	TP2CC-28	2		4		HPSVMCB1	28	313100 P005	090	1P 1P
011	PACS Cal BB2 nom . SH118	PAD.S	-		P118	TP2CC-28	2			CS-P118	HPSVMCB1	28	313100 P005	089	1P 1P
-															
006	PACS Cal BB1 tsens . drv	PAT.S	-		P119	TS4CC-28	3				HPSVMCB1	28	313100 P005	095	1P 1P
014	PACS Cal BB1 tsens . drvRT	PAT.S	-		P119	TS4CC-28	3				HPSVMCB1	28	313100 P005	094	
007	PACS Cal BB1 tsens . sens	PAT.S	-		P119	TS4CC-28	3				HPSVMCB1	28	313100 P005	088	
015	PACS Cal BB1 tsens . senRT	PAT.S	-		P119	TS4CC-28	3				HPSVMCB1	28	313100 P005	087	
008	PACS Cal BB1 tsens . SH119	PAT.S	-		P119	TS4CC-28	3			CS-P119	HPSVMCB1	28	313100 P005	086	1P 1P
-															
CH	Overall Shield									Overall Shield con to CH					1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 460 (of 464)

For double side printing this page intentionally left blank

Pin Allocation List

(Harness)

Connector: 132100 P016
HPDECMEC

Function / Bundle: MEC1 to FPU SIH-XP-15 (123)

Conn.-Type: SCC340100201BDEMA9PNMBFO
Backshell: CA-51-09

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Shd	Cable	Twist	Comment	Target-Item	Location	Connector	Pin	Changed
		Circuit	Signal	Pos.											
001	PACS TS nom . 1drv		PTS.S -		P123	TS4CC-28	1	123-1			HPSVMCB1	28	313100 P005	082	1P 1P
002	PACS TS nom . 1drRT		PTS.S -		P123	TS4CC-28	1	123-1			HPSVMCB1	28	313100 P005	073	1P 1P
006	PACS TS nom . 1sens		PTS.S -		P123	TS4CC-28	1	123-1			HPSVMCB1	28	313100 P005	083	1P 1P
007	PACS TS nom . 1seRT		PTS.S -		P123	TS4CC-28	1	123-1			HPSVMCB1	28	313100 P005	074	1P 1P
003	PACS TS nom . SH123		PTS.S -		P123	TS4CC-28	1	123-1	CS-123-1		HPSVMCB1	28	313100 P005	081	1P 1P
-															
008	PACS TS nom . 2sens		PTS.S -		P123	TS4CC-28	2	123-2			HPSVMCB1	28	313100 P005	084	1P 1P
004	PACS TS nom . 2drv		PTS.S -		P123	TS4CC-28	2	123-2			HPSVMCB1	28	313100 P005	085	1P 1P
009	PACS TS nom . 2seRT		PTS.S -		P123	TS4CC-28	2	123-2			HPSVMCB1	28	313100 P005	075	1P 1P
005	PACS TS nom . 2drRT		PTS.S -		P123	TS4CC-28	2	123-2			HPSVMCB1	28	313100 P005	076	1P 1P
003	PACS TS nom . SH123		PTS.S -		P123	TS4CC-28	2	123-2	CS-123-2		HPSVMCB1	28	313100 P005	081	1P 1P
-															
CH	Overall Shield								Overall Shield con to CH						1P

Astrium GmbH

Project: HERSCHEL

Pin Allocation List (Harness)

Doc. No. : HP-2-ASED-IC-0015

Issue : 2.0 Date : 26.11.2004

Sheet : 462 (of 464)

For double side printing this page intentionally left blank

END OF DOCUMENT

	Name	Dep./Comp.		Name	Dep./Comp.
	Alberti von Mathias Dr.	AOE22	X	Wietbrock Walter	AET12
X	Barlage Bernhard	AED11		Wöhler Hans	AOE22
X	Bayer Thomas	AET52			
	Faas Horst	AEA65			
X	Fehringer Alexander	AOE13			
	Frey Albrecht	AED422			
X	Gerner Willi	AED11			
	Grasl Andreas	OTN/AET52			
	Grasshoff Brigitte	AET12			
	Hauser Armin	AOE23	X	Alcatel	ASP
X	Hendry David	Terma Resid.	X	ESA/ESTEC	ESA
	Hinger Jürgen	AOE23			
X	Hohn Rüdiger	AET52		Instruments:	
	Huber Johann	AOA4	X	MPE (PACS)	MPE
X	Hund Walter	ASE4A		RAL (SPIRE)	RAL
X	Idler Siegmund	AED432		SRON (HIFI)	SRON
	Ivány von András	FAE22			
	Jahn Gerd Dr.	AOE23		Subcontractors:	
	Kalke Clemens	APE3		Air Liquide, Space Department	AIR
	Kameter Rudolf	OTN/AET52		Air Liquide, Space Department	AIRS
	Kettner Bernhard	AOE22		Air Liquide, Orbital System	AIRT
X	Knoblauch August	AET32		Alcatel Bell Space	ABSP
X	Koelle Markus	AET22		Astrium Sub-Subsyst. & Equipment	ASSE
X	Kroeker Jürgen	AED65		Austrian Aerospace	AAE
	Kunz Oliver Dr.	AOE23		Austrian Aerospace	AAEM
	Lamprecht Ernst	OTN/ASI21		APCO Technologies S. A.	APCO
X	Lang Jürgen	ASE4A		Bieri Engineering B. V.	BIER
	Langfermann Michael	AET52		BOC Edwards	BOCE
	Mack Paul	OTN/AET52		Dutch Space Solar Arrays	DSSA
X	Pastorino Michel	ASPI Resid.	X	EADS CASA Espacio	CASA
	Peltz Heinz-Willi	AOE13		EADS CASA Espacio	ECAS
	Pietroboni Karin	AED65		EADS Space Transportation	ASIP
	Platzer Wilhelm	AED22		Eurocopter	ECD
	Rebholz Reinhold	AET52		HTS AG Zürich	HTSZ
	Reuß Friedhelm	AED62		Linde	LIND
X	Ruhe Wolfgang	AED65		Patria New Technologies Oy	PANT
	Runge Axel	OTN/AET52		Phoenix, Volkmarsen	PHOE
	Sachsse Bernd	AED21		Prototech AS	PROT
X	Schink Dietmar	AED422		QMC Instruments Ltd.	QMC
	Schlosser Christian	OTN/AET52		Rembe, Brilon	REMB
	Schmidt Rudolf	FAE22		Rosemount Aerospace GmbH	ROSE
	Schweickert Gunn	AOE22		RYMSA, Radiación y Microondas S.A.	RYM
X	Steininger Eric	AED422		SENER Ingeniería SA	SEN
X	Stritter Rene	AED11		Stöhr, Königsbrunn	STOE
	Tenhaff Dieter	AOE22		Terma A/S, Herlev	TER
	Thörmer Klaus-Horst Dr.	OTN/AED65			
	Wagner Klaus	AOE23			