

" Draft for Comments "

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Issue	Date	Sheet	Description of Change	Release
DR	22.02.02	All	Initial issue for Instrument IIDB Issue 2 Rev 0	

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Fehler! Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.

1 Scope

This Interface Control Document (ICD) describes the electrical Interfaces of the HERSCHEL Extended Payload Module and is the generic information source for all electrical interfaces including the 3 Instruments and the CCS (Cryostat Control System).

Interfaces, which are under Experimenter Control (FPU internal Interfaces) or under Service Module Control (Warm Interconnecting Harness and S/C Interfaces), are not part of this Document.

For Information management a database (ACCESS based) called CAIE (Computer Aided Interface Engineering) will be used. The CAIE Data Base contents provides all the necessary Information for a automated Verification of the electrical Interfaces with Integrated Data Acquisition System (IDAS)

System information's for

- System design as harness weight and type
- used amount of Connector types,
- Routing,
- Channel resistance
- etc

will also be derived from this Data Base

By summarising the electrical interfaces within this document, the ICD will allow a crosscheck of the I/F (harness) design from both sides of an interface. By collecting the interface design description the ICD will act as a reference for requirement verification and "third-party" interface design (e.g. electrical harness manufacture).

In this way the HERSCHEL EPLM interfaces will be maintained under control

Actual interface data (as designed/as built), after approval, shall become part of this Interface Control document.

Any change of the ICD contents shall follow the rules of configuration Control

The ICD presents a database about the electrical interfaces of the Extended Payload Module and its GSE. Interfaces in this context are all input/output interconnections mated via the ASSED provided EPLM harness. For any such interface the ICD enables a fast identification of the interface harness design, the actually built interface circuits, and the electrical parameters.

Within these features the main purpose of the ICD is:

- to act as a reference data base showing the present interface design (as designed/as built)
- to allow a quick compatibility check of any input/output interface interconnection ("on paper integration")
- to act as a supporting data base for the preparation and performance of the electrical/harness integration (IDAS)

- To facilitate failure investigations in the case of interface problems on EPLM level

The purpose of this document is to reflect the FM manufacturing baseline

Contents of this issue reflects the EPLM status as known at the 22 Feb 2002

2 Document Reference

2.1 General

The data of the below listed documents of the latest effective issue or the issue as defined below, are integrated as a part of this Interface Control Document (ICD)

In the event of conflict between the below listed documents and this ICD, the conflict shall be brought to the attention of the EPLM subcontractor for clarification.

2.2 ESA

Statement of work for the Industrial Activities Phase B, C/D, E1

First/PLANCK Instrument Interface Document IID Part A
SCI-PT-IIDA-04624 Issue 2 Rev 0 Date 01/09/2000

2.3 Service Module Equipment

ALCATEL

HERSCHEL / PLANCK Work Breakdown Structure
H-P-ASPI-WB-0036

HERSCHEL PLM INTERFACE SPECIFICATIONS
HP-2-ASPI IS-0039 Issue 01 Rev 01

HERSCHEL/PLANCK SVM Interface Specification
HP-4-ASPI-IS-0042

GENERAL DESIGN AND INTERTFACE REQUIREMENTS
H-P-1-ASPI-SP-0027 Issue 03 Rev .0

2.4 Instrument Equipment

2.4.1 General

ESA

HERSCHEL/PLANCK Instrument Interface Document IID Part A
SCI-PT-IIDA-04624 Issue 2 Rev 0 Date 01/09/2000

2.4.2 HIFI

ESA

HERSCHEL/PLANCK INSTRUMENT INTERFACE DOCUMENT Part B
INSTRUMENT "HIFI"
SCI-PT-IIDB/HIFI-02125 Issue 2 Rev 0

MPIfR

LOU-LCU Harness Specification
MPIR/HIFI/SP/2001-242

LO Sub-System External Interfaces
MPIfR/HIFI/SP/2001-240

Wavguides between the LSU and the LOU tbd

SCOE TBD

2.4.3 SPIRE

ESA

HERSCHEL/PLANCK INSTRUMENT INTERFACE DOCUMENT Part B
INSTRUMENT "SPIRE"
SCI-PT-IIDB/HIFI-02124 Issue 2 Rev 0

CLRC

HERSCHEL SPIRE HARNESS DEFINITION
SPIRE-RAL-PRJ-000608 Issue:0.8

SPIRE INSTRUMENT BLOCK DIAGRAM
SPIRE-RAL-DWG-000646 Issue:3.3

SCOE TBD

2.4.4 PACS

ESA

HERSCHEL/PLANCK INSTRUMENT INTERFACE DOCUMENT Part B
INSTRUMENT "PACS"
SCI_PT-IIDB/HIFI-02126 Issue 2 Rev 0

MPIfA

PACS Cryo Harness Specification
PACS-MA-SP-001 Issue: Draft 12/03/2001
SCOE TBD

2.5 CSS Equipment

CCU Specification tbd

CCU SCOE tbd

CCU I/F Control Document

CCU Harness Design Document/Spec

Cryostat SCOE tbd

2.6 Harness Equipment

HERSCHEL CRYO Harness Procurement Specification

HP-2-ASED -PS-0024

Statement of Work for HERSCHEL Cryo Harness

HP-2-ASED-SW-0016

2.7 EGSE Equipment

EPLM EGSE Specification tbd

EGSE I/F Control Document

EGSE Harness Design Document /Spec

3 How to use this Document

The EICD comprises the following generic Reports from a database called CAIE_Ac97_v1_49.mdb and LDB

- HERSCHEL Subsystem List (Mechanical and electrical) SSL
- HERSCHEL Item List (Mechanical and Electrical) with Support Equipment IL
- Item Location Code
- EMC Category and Sub Harness Type (Harness separation) EML
- Cable Type and Characteristic List (used cable) CDT
- Cable Characteristic List CCL
- Connector Type List (used connectors) CTL
- Signal Type List STL
- Interface Type List (Common type of interfaces) ICT
- Connector Allocation List CAL
- Functional Channel Allocation List tbd FAL
- Functional Interfaces (Channels) tbd
- Drawings of Interfaces (from to) tbd
- Routing Information (via feed through and brackets, length) tbd
- Pin Allocation List PAL
- Drawing of pin allocation in connector tbd
- Supporting Information
 - Harness Weight according sort criteria
 - Connector weight according sort criteria
 - Used Connector Types
 - Harness/Channel Bundling
 - Information as requested sorted by tbd

After freeze of supporting data only an extract of that database will be used to update the information

This database is called HP-2-ASED-IC-0001 with the according Version No.

The Reports from that database will be

Connector Reference List

(Allocated Item, Function, Connector Type, belonging to Harness Cat

Connector Allocation list

(Channel Allocation with wiring type and target connector)

Functional Channel Allocation

(Source Connector, Channel Information, Wiring, Routing, Target Connector)

Item Listing

Pin Allocation Connector oriented

Used Signal Types with Interfaces

tbd

4 Subsystem Lists

4.1 General

In this List all the mechanical and electrical Subsystems of the HERSCHEL Project are identified. This includes the HERSCHEL/PLANCK system, the HERSCHEL System, the HERSCHEL Service Module, the (Extended) Payload Module, the Engineering Qualification Mode as well as the mechanical and electrical support Systems like MGSE, EGSE and SCOE's.

The List in general reflects the Work Breakdown Structure HP-1-ASPI-WB-0036, the Product Tree HP-1-ASPI-PT-0012 and the CI Tree from the Company CM2000 System

4.2 Subsystem Listing

S/S-Code	Abbreviation	Subsystem Name
000	H/P	HERSCHEL/PLANCK System
010	H	HERSCHEL Satellite
020	P	PLANCK Satellite
100	INSTR	HERSCHEL Instruments
110	HIFI	HERSCHEL HIFI Instrument
120	SPIRE	HERSCHEL SPIRE Instrument
130	PACS	HERSCHEL PACS Instrument
140	HTL	HERSCHEL Telescope
200	EPLM	HERSCHEL Ext. Payl. Module
210	PLM	HERSCHEL Payload Module
211	CSS	Cryostat Structure S/S
212	CHS	Cryostat Helium S/S
213	CIS	Cryostat Insulation S/S
214	CES	Cryostat Electrical S/S
215	ISS	Instrument Secondary Structure
220	TM	Telescope Module
222	TMS	Telescope Mounting Structure
230	SS	Sunshield & Sunshade
231	SSS	Sunshield/Sunshade Structure
232	SPG	Solar Power Generator
233	THC	Thermal Control
234	TBD	tbd
250	PLMSVM IF	PLM/SVM interface Structure
300	SVM	SVM
310	SVM CB	SVM Connector Bracket
311	HIFISVMCB	HIFI SVM Connector Bracket

312	SPIRESVMCB	SPIRE SVM Connector Bracket
313	PACSSVMCB	PACS SVM Connector Bracket
400	SAT GSE	Satellite GSE
410	S/C GSE	S/C GSE
411	S/C MGSE	S/C MGSE
412	S/C EGSE	S/C EGSE
413	S/C CVSE	S/C CVSE
414	S/C OGSE	S/C OGSE
420	EPLM GSE	EPLM GSE
421	EPLM MGSE	EPLM MGSE
422	EPLM EGSE	EPLM EGSE
423	EPLM CVSE	EPLM CVSE
424	EPLM OGSE	EPLM OGSE
425	MATHDUM	Mass Thermal Dummies
500	EQM PLM	Eng Qual Payload Module
510	EQM CSS	Eng Qual Cryo Struct Subsynt
511	EQM CVV	Eng Qual Cryo Vac Vessel
512	EQM TSS	Eng Qual Tank Sup Spa Fram
513	EQM IOB	Eng Qual Instr. Opt Bench
520	EQM CHS	Eng Qual Cryst Helium S/S
521	EQM H2T	Eng Qual Helium 2 Tank
522	EQM HRD	Eng Qual Helium Rup Disk
523	EQM LHV	Eng Qual Liquid Helium Valv
524	EQM HST	Eng Qual Helium Sys Tubing
525	EQM HOT	Eng Qual Helium 1 Tank
526	EQM HSE	Eng Qual Helium Sys Equipm.
530	EQM CI	Eng Qual Cryost. Insulation ?
531	EQMULTHS	Eng Qual Up& lower Ther. Shd
532	EQMOBBPS	Eng Qual OB & Beam Patt. Shd
533	EQM LBFB	Eng Qual LO Beam Feed Baff
534	EQMCRYMLI	Eng Qual Cryostat MLI
540	EQM CES	Eng Qual Cryost Electr. S/S
541	EQMCCU	Eng Qual Cryost Contr Elect
542	EQM CCI	Eng Qual Cryost. Contr. Instr
543	EQM CCH	Eng Qual PLM Harness
550	EQM ISS	Eng Qual instr. Sec Struct.
560	EQM GSE	Eng Qual GSE
561	EQM EGSE	Eng Qual EGSE
562	EQM MGSE	Eng Qual MGSE
563	EQM CVSE	Eng Qual CVSE

5 Item List

5.1 General

In order to standardise the subsystem/experiment item identification for electrical interfaces the acronyms as defined in the list below shall be used for item identification within electrical ICD's. This item code identifies each item unequivocally. The item code consists of six digits. The first three digits identify the subsystem (see before), the last three digits identify the item within the subsystem. This includes all mechanical and electrical items in a subsystem (Self-standing parts like Electronic Boxes, brackets etc). Following the PTI the item list contains the same code without the prominent one from the PTI list (under investigation). Items for the EQM are not listed at the moment and not foreseen in this database tbd

Product Identifier

The following numbering system is allocated to the electrical items in the HERSCHEL EPLM system

1xx xxx	HERSCHEL Instruments
2xx xxx	HERSCHEL Extended Payload Module
3xx xxx	HERSCHEL Service Module
4xx xxx	HERSCHEL GSE
5xx xxx	HERSCHEL EQM
11x xxx	HIFI Instrument
12x xxx	SPIRE Instrument
13x xxx	PACS Instrument
xx1 xxx	Items inside the cryostat and on the CVV (Cold Units)
xx2 xxx	Items on the SVM Panels (Warm Units)

For mechanical Items this schematic is not foreseen at the moment

xxx yyy	unique item identification code
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Abreviation

Self explaining Abbreviation for the item

H= HERSCHEL
 HH = HERSCHEL HIFI
 etc

Item Name

The item name is the more explaining name of the item (then the Abbreviation)

Subsystem

The Subsystem Code (first 3 digits) allocates the item to a subsystem

Abbreviation

Short Code of the Subsystem to which the item belongs

M, E, X

The items will be distinctive according

- only mechanical function M
- item with electrical function E
- isolation function I
- Superordinate System -
- tbd x

Location

The location code will be explained in the chapter xx

5.2 Item List from Database

Item Code	Item- Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Location	
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H/P (Item Code: 00* not in Database)

000000	H/P	Herschel/Plank System	000	H/P	HLS	-	
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H (Item Code: 01* not in Database)

000010	H	Herschel Satellite	010	H	HLS		
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HI (Item Code: 10*)

100000	HIS	Herschel Scientific Instruments	100	SVM	E	INS	
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HH (Item Code: 11*)

110000	HIFI	HIFI Units	110	HIFI	E	INS	
111000	HHICVV	HIFI Cryostat Units (cold)	111	HIFI	E	72	DR
111100	HHFPU	HIFI Focal Plane Unit	111	HIFI	E	73	DR
111200	HHLOU	HIFI LOU (outs. Cryost.)	111	HIFI	E	44	DR
111300	HHLOUR	HIFI LOU Radiator (outs. Cryost)	111	HIFI	-	44	DR
111400	HHLWU	HIFI LOU Waveguide (outs. Cryost)	111	HIFI	E	40	DR
112000	HHSVM	HIFI Units on SVM (warm)	112	HIFI	E	15/16	DR
112100	HHLCU	HIFI Local Oscillator Control Unit	112	HIFI	E	16	DR
112200	HHLSU	HIFI Local Oscillator Synth Unit	112	HIFI	E	15	DR
112300	HHFCU	HIFI Focal Plane Control Unit Warm	112	HIFI	E	16	DR
112400	HHHRS	HIFI High Resolution Spectrometer	112	HIFI	E	15	DR
112410	HHHRI	HIFI High Res IF Processor	112	HIFI	E	15	DR
112420	HHHRH	HIFI High Res Spec Horizontal	112	HIFI	E	15	DR
112430	HHHRV	HIFI High Res Spec Vertical	112	HIFI	E	15	DR
112500	HHWBS	HIFI Wide Band Spectrometer Units	112	HIFI	E	INS	DR
112510	HHWEH	HIFI WB Spec Elec Horizontal	112	HIFI	E	16	DR
112520	HHWEV	HIFI WB Spec Elec Vertical	112	HIFI	E	16	DR
112530	HHWOH	HIFI WB Spec Optics Horizontal	112	HIFI	E	16	DR
112540	HHWOV	HIFI WB Spec Optics Vertical	112	HIFI	E	16	DR
112600	HHICU	HIFI Instrument Control Unit	112	HIFI	E	16	DR
115000	HHGSE	HIFI Instrument GSE	115	HIFI	E	GSE	DR
115100	HHMGSE	HIFI MGSE	115	HIFI	-	GSE	DR
115200	HHEGSE	HIFI EGSE	115	HIFI	-	GSE	DR
117000	HHWSVMIH	HIFI Warm SVM Interc. Har. (WIH) ?	117	HIFI	E	PLM	
118000	HHWIBH	HIFI Warm Bracket Har. (IB) ?	118	HIFI	E	PLM	
119000	HHCOHARN	HIFI Ceck Out Harness (T) ?	119	HIFI	E	GSE	

Item Code	Item- Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Location	
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SPIRE (Item Code: 12*)

120000	SPIRE	SPIRE Units	12	SPIRE	-	INS	DR
121000	SPIRE C UN	SPIRE Cryostat Units (cold)	121	SPIRE	E	72	DR
121100	HSFPU	SPIRE Focal Plane Unit	121	SPIRE	E	77	
121110	HS SLW BDA	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121120	HS SSW BDA	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121130	HS PLW BDA	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121140	HSPMW BDA	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121150	HS PSW BDA	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121160	HS SRP COL	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121170	HS SP STIM	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121180	HS BP STIM	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121190	HS SMEC	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
1211A0	HS FPU FA	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
1211B0	HS FPU FB	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
1211C0	HS FPU FC	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
1211D0	HS FPU FD	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
1211E0	HS FPU FE	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
1211F0	HS FPU FF	SPIRE FPU (Instr. Intern)	121	SPIRE	E	72	DR
121200	HSJFET	SPIRE JFET Boxen (outs. Cryost.)	121	SPIRE	-	75	DR
121210	HSJFP	SPIRE JFET Box Photometer	121	SPIRE	E	76	DR
121220	HSJFS	SPIRE JFET Box Spectrometer	121	SPIRE	E	76	DR
121400	HS SHUT	SPIRE FPU Shutter	121	SPIRE	E	70	
121500	HS C HARN	SPIRE Cryogenic Harness (C)	121	SPIRE	E	INS	
121600	HS I HARN	SPIRE CVV Int Harness (I)	121	SPIRE	E	INS	
122000	SPIRE W UN	SPIRE Units on SVM (warm)	122	SPIRE	E	17	DR
122100	HSDPU	SPIRE Dig Proc Unit	122	SPIRE	E	17	DR
122200	HSFCU	SPIRE Focal Plane Control Unit	122	SPIRE	E	17	DR
122300	HSDCU	SPIRE Det. Readout & Control Unit	122	SPIRE	E	17	DR
125000	HSGSE	SPIRE Instrument GSE	125	SPIRE	E	GSE	
127000	HS SVMIH	SPIRE SVM Intercon. Harn (W2)	127	SPIRE	E	17	
128000	HS IHARN	SPIRE Warm to Con Bracket Harn (IB)	128	SPIRE	E	17/27	DR
129000	HSSCCOHA	SPIRE S/C & Ceck Out Harness (T)	129	SPIRE	E	GSE	

Item Code	Item- Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Location	
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PACS (Item Code: 13*)

130000	PACS	PACS Units	13	PACS	E	INS	
131000	PACS C UN	PACS Cryostat Units (Cold)	131	PACS	E	70	DR
131100	HPFPU	PACS Focal Plane Unit	131	PACS	E	74	
131110	HPTEMPS I	PACS FPU Temp Sensors (Instr Int)	131	PACS	E	72	DR
131111	HPFPUT1	PACS FPU Temp. Sensor 1 (Instr Int)	131	PACS	E	72	DR
131112	HPFPUT2	PACS FPU Temp. Sensor 2 (Instr Int)	131	PACS	E	72	DR
131113	HPFPUT3	PACS FPU Temp. Sensor 3 (Instr Int)	131	PACS	E	72	DR
131114	HPFPUT4	PACS FPU Temp. Sensor 4 (Instr Int)	131	PACS	E	72	DR
131120	HPCALS	PACS FPU Calib. Sources (Instr Int)	131	PACS	E	72	DR
131121	HPCALS1	PACS FPU Calibr Source1 (Instr Int)	131	PACS	E	72	DR
131122	HPCALS2	PACS FPU Calibr Source2 (Instr Int)	131	PACS	E	72	DR
131130	HPCHOP	PACS FPU Chopper (Instr Int)	131	PACS	E	72	DR
131140	HPFWHR	PACS FPU Filter Wheels (Instr Int)	131	PACS	E	72	DR
131141	HPFWHR1	PACS FPU Filter Wheels1 (Instr Int)	131	PACS	E	72	DR
131142	HPFWHR2	PACS FPU Filter Wheels2 (Instr Int)	131	PACS	E	72	DR
131150	HPGRAT	PACS FPU Grating (Instr Int)	131	PACS	E	72	DR
131161	HPBBOLO	PACS Blue Bolometer (Instr Int)	131	PACS	E	72	DR
131162	HPRBOLO	PACS Red Bolometer (Instr Int)	131	PACS	E	72	DR
131171	HPBPHOTO	PACS Blue Photometer (Instr Int)	131	PACS	E	72	DR
131172	HPRPHOTO	PACS Red Photometer (Instr Int)	131	PACS	E	72	DR
131200	HPBOLA	PACS Bolom. Buffer Amp.	131	PACS	E	8	DR
131300	HPBOLR	PACS BOLA Radiator	131	PACS	-	8	DR
132000	PACS W UN	PACS Units on SVM (warm)	132	PACS	E	SVM	DR
132100	HPDECMEC1	PACS DEC/MEC1	132	PACS	-	P8	DR
132110	HPMEC1	PACS Mech. Contr. 1 (Nom)	132	PACS	E	P8	DR
132120	HPDEC1	PACS Detec. Contr. 1 (Nom)	132	PACS	E	P8	DR
132200	HPDECMEC2	PACS DEC/MEC 2	132	PACS	-	P8	DR
132210	HPMEC2	PACS Mech. Contr. 2 (RED)	132	PACS	E	P8	DR
132220	HPDEC2	PACS Detec. Contr. 2 (RED)	132	PACS	E	P8	DR
132300	HPBOLC	PACS Bola/Cooler Contr.	132	PACS	E	P8	DR
132400	HPDPU	PACS Data Processing Unit	132	PACS	E	P8	DR
132500	HPSPU1	PACS Sig. Proc Unit 1 (NOM)	132	PACS	E	P8	DR
132600	HPSPU2	PACS Sig. Proc Unit 2 (RED)	132	PACS	E	P8	DR
135000	HPGSE	PACS Instrument GSE	135	PACS	-	GSE	
137000	HPWIH	PACS Warm Intercon. Harn. (WIH)	132	PACS	-	18	
138000	HPWBH	PACS SVM Br. Intercon. Harn (BIH)	138	PACS	-	18/28	DR
139000	HPCOHARN	PACS Checkout Harness (T)	139	PACS	-	GSE	

Item Code	Item-Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Location
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EPLM (Item Code: 20*)

200000	EPLM	Extended Payload Module	200	EPLM	-	PLM
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PLM (Item Code: 21*)

210000	PLM	Payload Module	210	PLM	-	PLM
211130	CCVLB	CVV Lower Bulkhead	211	PLM	M	CSS
211140	CVVRN	CVV Radiator Nose	211	PLM	-	CSS
211211	UTSC	Upper Tank Straps Chain	211	PLM	-	CSS
211212	LTSC	Lower Tank Straps Chain	211	PLM	M	CSS
211213	CHBOL	Chain Bolts	211	PLM	M	CSS
211214	STRPREDEV	Strap Pretensioning Devices	211	PLM	M	CSS
211221	USPFW	Upper Spatial Framework	211	PLM	M	CSS
211222	LSPFW	Lower Spatial Framework	211	PLM	M	CSS
211000	CSS	Cryostat Structure S/S	211	CSS	-	CSS
211100	CVV	Cryostat Vacuum Vessel	211	CSS	-	CSS
211110	CVVUB	CVV Upper Bulkhead	211	CSS	M	CSS
211120	CVVCY	CVV Cylinder	211	CSS	M	CSS
211121	CVVUCR	Upper Connector Ring	211	CSS	E	33
211122	CVVMCR	Middle Connector Ring	211	CSS	E	32
211123	CVVLVR	Lower Connector Ring	211	CSS	E	31
211200	TSF	Tank Support & Spatial Framework	211	CSS	-	CSS
211210	STR	Tank Straps Lower and Upper	211	CSS	-	CSS
211220	SPAF	Spatial Framework	211	CSS	-	CSS
211300	CCC	Cryostat Cover & Cavity	211	CSS	-	CSS
211310	CC	Cryostat Cover	211	CSS	M	CSS
211320	C	Cavity	211	CSS	M	CSS
211400	IOB	Instrument Optical Bench	211	CSS	M	CSS
212000	CHS	Cryostat Helium S/S	212	CHS	-	CSS
212100	HTT	Helium II Tank	212	CHS	M	CSS
212200	HSC	Helium System Componentns	212	CHS	-	CSS
212210	HPS	Phase Separator	212	CHS	M	CSS
212211	PPST1T2	PPS 11 & T11 T112 ????	212	CHS	E	CSS
212220	DLMD	Direct Liquid Measm. Dev.	212	CHS	E	CSS
212221	DLMD1	Direct Liquid Measm. Dev. 1 ????	212	CHS	E	CSS
212222	DLMD2	Direct Liquid Measm. Dev 2 ????	212	CHS	E	CSS
212230	LEVPR	Level Probes	212	CHS	E	CSS

Item Code	Item- Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Loca- tion	
212231	LEVPR HII	Level Probe Helium II	212	CHS	E	CSS	
212232	LEVPR HI	Level Probe Helium I	212	CHS	E	CSS	
212240	TH&HTR	Thermometers & Heaters	212	CHS	E	CSS	
212241	TITHM	Tank Internal Thermometers	212	CHS	E	CSS	
212242	TSCTHM	Tank Surface Carbon Thermometers	212	CHS	E	CSS	
212243	THtrs	Tank Heaters	212	CHS	E	CSS	
212244	VLHRT	Vent Line Heaters	212	CHS	E	CSS	
212250	RUPDIS	Rupture Disc	212	CHS	M	CSS	
212260	SVALV	Safety Valves	212	CHS	E	CSS	
212261	SVALH2H	Saf.Val.He II High Mass Flow	212	CHS	E	CSS	
212262	SVALH1L	Saf.Val. He I Low Mass Flow	212	CHS	E	CSS	
212263	SVALCVV	Safety Valves CVV	212	CHS	E	CSS	
212270	ABS	Absorbers	212	CHS	M	CSS	
212280	FILLPORTS	Filling Ports	212	CHS	M	CSS	
212281	TINT FILL	Tank Internal Filling	212	CHS	M	CSS	
212282	TEXTFILL	Tank External Filling	212	CHS	M	CSS	
212300	LHV	Liquid Helium Valves	212	CHS	E	CSS	
212310	ILHV	Internal Liquid He Valve	212	CHS	E	CSS	
212320	ELHV	External Liquid He Valve	212	CHS	E	CSS	
212400	HST	Helium System Tubing	212	CHS	M	CSS	
212410	INTTUB	Internal Tubing	212	CHS	M	CSS	
212411	HeIITUB	Helium II Tank Tubing	212	CHS	M	CSS	
212412	HeITTUB	Helium I Tank Tubing	212	CHS	M	CSS	
212413	SHDTUB	Shields Tubing	212	CHS	M	CSS	
212420	EXTTUB	External Tubing	212	CHS	M	CSS	
212430	OBHEVENT	Optical Bench Helium Vent Line	212	CHS	M	CSS	
212500	HOT	Helium I Tank	212	CHS	M	CSS	
212600	HSE	Helium System Equipment	212	CHS	M	CSS	
212610	HPTX	Helium Pressure Sensor	212	CHS	E	CSS	
212620	VTLHTR	Ventline External Heaters	212	CHS	E	CSS	
212630	TPTSTHERM	Tank Platinum Surface Thermometers	212	CHS	E	CSS	
212640	VNOZ	Ventile Nozzels	212	CHS	M	CSS	
212650	VACMSENS	Vacuum Measurement Sensors	212	CHS	E	CSS	
212660	HEVAHTRSE	Helium Valve Heaters & Temp	212	CHS	E	CSS	
213000	CIS	Cryostat Insulation S/S	213	CIS	I	I	
213100	CTS	Cylinder Thermal Shields	213	CIS	I	ITS	
213110	1CTS	1st Cylinder Thermal Shield	213	CIS	I	ITS	
213120	2CTS	2nd Cylinder Thermal Shield	213	CIS	I	ITS	

Item Code	Item- Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Loca- tion	
213130	3CTS	3rd Cylinder Thermal Shield	213	CIS	I	ITS	
213200	ULS	Upper&Lower Thermal Shields	213	CIS	I	ITS	
213210	LBHTS	LowerBulkheadThermal Shield	213	CIS	I	ITS	
213211	1LBTS	1st Lower Bulkhead Thermal Shield	213	CIS	I	ITS	
213212	2LBTS	2nd Lower Bilkhead Thermal Shield	213	CIS	I	ITS	
213213	3LBTS	3rd Lower Bulkhead Thermal Shield	213	CIS	I	ITS	
213220	UBHTS	Upper Bulkhead Thermal Shields	213	CIS	I	ITS	
213221	1UBTS	1st Upper Bulkhead Thermal Shield	213	CIS	I	ITS	
213222	2UBTS	2nd Upper Bulkhead Thermal Shield	213	CIS	I	ITS	
213223	3UBTS	3rd Uppper Bulkhead Thermal Shield	213	CIS	I	ITS	
213300	OBS	Otical Bench&Beam Pattern Shield	213	CIS	I	ITS	
213400	CMLI	Cryostat MLI	213	CIS	I	IML	
213410	CVV MLI	Cryostat Vacuum Vessel MLI	213	CIS	I	IML	
213411	CYMLI	CVV Cylinder MLI	213	CIS	I	IML	
213412	LBMLI	Lower Bulkhead MLI	213	CIS	I	IML	
213413	UBMLI	Upper Bulkhead MLI	213	CIS	I	IML	
213420	CC MLI	Cryostat Cover MLI	213	CIS	I	IML	
213430	CA MLI	Cavity MLI	213	CIS	I	IML	
213440	CY TS MLI	Cylinder Thermal Shields MLI	213	CIS	I	IML	
213441	1CYTSMLI	1st Cylind. Therm Shd MLI	213	CIS	I	IML	
213442	2CYTSMLI	2nd Cylind. Therm.Shd MLI	213	CIS	I	IML	
213443	2CYTSMLI	3rd Cylind. Therm. Shd MLI	213	CIS	I	IML	
213450	UL TS MLI	Upper & Lower Thermal Shields MLI	213	CIS	I	IML	
213451	1RSLBMLI	1st Rad Shd Lower B.Head MLI	213	CIS	I	IML	
213452	1RSUBMLI	1st Rad Shd Upper B.Head MLI	213	CIS	I	IML	
213453	2RSLBMLI	2nd Rad Shd Lower B.Head MLI	213	CIS	I	IML	
213454	2RSUBMLI	2nd Rad Shd Upper B.Head MLI	213	CIS	I	IML	
213455	3RSLBMLI	3rd Rad Shd Lower B.Head MLI	213	CIS	I	IML	
213456	3RSUBMLI	3rd Rad Shd Upper B.Head MLI	213	CIS	I	IML	
213460	OBS MLI	Optical Bench Shield MLI	213	CIS	I	IML	
213470	HEIITMLI	He II Tank MLI	213	CIS	I	IML	
213480	HEITMLI	He I Tank MLI	213	CIS	I	IML	
213490	ISSMLI	Instr. Sec. Struct. MLI	213	CIS	I	IML	
213491	LOUMLI	LOU MLI	213	CIS	I	IML	
213492	BOLAML I	BOLA MLI	213	CIS	I	IML	
213493	WGMLI	Wave Guides MLI	213	CIS	I	IML	

Item Code	Item-Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Location	
214000	CES	Cryostat Electrical S/S	214	CES	E	EL	
214100	CCU	Cryostat Control Unit	214	CES	E	17	
214200	CCI	Cryostat Control Instrumentation ??	214	CES	E	EL	
214300	PCH	PLM Cryostat Harness	214	CES	E	EL	
214310	CCH	Cryostat Control Harness	214	CES	E	EL	
214311	CCHARN	CVV Internal (Cryo) Harness	214	CES	E	EL	
214312	CIHARN	CVV Extern. (Cryo Intern.) Harness	214	CES	E	EL	
214313	CPHARN	SVM Intern. (Cryo Panel) Harness	214	CES	E	EL	
214314	WCCC?	Wired Cryo Control Comp. ???	214	CES	E	EL	
214320	SIH	Scient Instr. Harness	214	CES	E	INS	
214321	CHSPHARN	CVV Int HIFI SPIRE PACS Cryo Harn.	214	CES	E	EL	
214322	IHSPHARN	Intern. HIFI SPIRE PACS Harness	214	CES	E	EL	
214323	PHPSHARNS	SVM Panel HIFI PACS SPIRE Harness	214	CES	E	EL	
214324	WCCCHAR?	Wired Cryo Control Comp. ?	214	CES	E	EL	
214400	CCUCB?	Cryo. Contr. Unit SVM Bracket ?	214	CES	E	27	
215000	ISS	Instrument Secondary Structure	215	ISS	M	CSS	
215100	BOS	BOLA Support Structure	215	ISS	M	CSS	
215200	LOUSS	LOU Support Structure	215	ISS	M	CSS	
215300	OWF	Optical Window & Filters	215	ISS	M	70	
215400	SFOWF	Support Frame Opt. Window & Filter	215	ISS	M	70	
215500	OBCB	Optical Bench Harness Con. Bracket	215	ISS	M	70	
215600	LOU WG MS	LOU Waveguides Mounting Studs	215	ISS	M	30	
215700	ITERMCON	Instrument Thermal Connectors	215	ISS	M	?	
215800	ALGREF	PLM & OB Alignment References	215	ISS	M	?	

HTM (Item Code: 22*)

221000	HTL	Herschel Telescope +MLI	221	HTL	M	83	
221100	HTLHTR	Herschel Telescope Heater	22	PLM	-	83	
220000	HTM	Herschel Telescope Module	22	TMS	M	83	
221200	HTLTERM	Herschel Telescope Termistors	22	TMS	-	83	
222000	TMS	Telescope Mounting Structure	222	TMS	M	83	

Item Code	Item-Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Location
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HSS (Item Code: 23*)

230000	HSS	Herschel Sunshield & Sunshade	23	HSS	M	80
232100	HSPG	HERSCHEL Solar Power Generator	23	HSS	E	81
232200	HSPGT	HERSCHEL SolarArray Termistor	23	HSS	E	81
231000	SSS	Sunshield/Sunshade Structure	231	M	HSS	80
231100	SS	Sun Shield	231	M	HSS	81
231110	SSP	Sun Shield Panels	231	M	HSS	81
231120	SSPS	Support	231	M	HSS	81
231200	SSH	Sunshade	231	M	HSS	82
231210	SSDP	Sunshade Panels	231	M	HSS	82
231220	SHDS	Sunshade Support	231	M	HSS	82
232000	HSPGS	Solar Power Generator System	232	E	HSS	?
232300	SPGC	Solar Power Generator Wiring & Cell	232	E	HSS	?
233000	SRS?	Sunshade Radating Surface ?	233	M	HSS	82
234000	SSM?	Sunshield/Sunshade MLI ?	234	M	HSS	82

PLM SVM IF Structure (Item Code: 25*)

250000	PLM SVM IF	PLM SVM Interfaces Structure	25	PLMSVM IF	-	10
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SVM (Item Code: 30*)

300000	HSVM	Herschel SVM	300	SVM	-	HLS	-
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SVM CB (Item Code: 31*)

310000	HSVMCB	Herschel Service Modul CB	300	SVM	-	SVM	DR
311000	HHSVMCB	HIFI SVM Con. Bracket	311	SVM CB	E	B	DR
311100	HHSVMCB1	HIFI SVM Con. Bra. Pan 5	311	SVM CB	E	25	
311200	HHSVMCB2	HIFI SVM Con. Bra. Pan 6	311	SVM CB	E	26	
312000	HSSVMCB	Spire SVM Con. Bracket	312	SVM CB	E	27	DR
313000	HPSVMCB	PACS SVM Con. Bracket	313	SVM CB	E	28	DR
314000	CCSSVMCB	CCS SVM Con. Bracket	314	SVM CB	-	27	DR

Item Code	Item- Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Loca- tion
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H GSE (Item Code: 4*)

400000	HGSE	Herschel GSE	4	SAT GSE	-	GSE
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H S/C GSE (Item Code: 41*)

410000	HSCGSE	Herschel S/C GSE	41	S/C GSE	-	GSE
411000	HSCMGSE	Herschel S/C MGSE	411	S/C GSE	-	GSE
411100	CONT	Transport Container	411	S/C GSE	-	GSE
412000	S/CEGSE	Herschel S/C EGSE	412	S/C GSE	-	GSE
413000	S/CCVSE	Herschel S/C CVSE	413	S/C GSE	-	GSE
414000	S/COGSE	Herschel S/C OGSE	414	S/C GSE	-	GSE
411200	MPA	Mass Property Adapter	411	S/C MGSE	-	GSE
411300	VTA	Vibration Test Adapter	411	S/C MGSE	-	GSE
411400	TTA	Thermal Test Adapter	411	S/C MGSE	-	GSE
411500	RTAA	Raotary Table Alignment Adapter	411	S/C MGSE	-	GSE
411600	TTAP	Thermal Test Adapter	411	S/C MGSE	-	GSE
412100	S/CCCS	Herschel S/C Centr. Checkout System	412	S/C EGSE	-	GSE
412200	S/CCDMUSC	Herschel S/C CDMU SCOE	412	S/C EGSE	-	GSE
412300	S/CPWRSCO	Herschel S/C Power SCOE	412	S/C EGSE	-	GSE
412400	S/CACMSSC	Herschel S/C ACMS SCOE	412	S/C EGSE	-	GSE
412500	S/CTT&CSC	Herschel S/C TT&C SCOE	412	S/C EGSE	-	GSE
412600	S/CTM/TCFE	Herschel S/C TM/TC Frontend	412	S/C EGSE	-	GSE

Item Code	Item- Identifier	Item Name	PT Ref	Subsy. Affil.	Item Type	Loca- tion
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H EPLM GSE (Item Code: 42*)

420000	EPGSE	Herschel EPLM GSE	42	EPLM GSE	-	GSE
421000	EPMGSE	Herschel EPLM MGSE	421	EPLM GSE	-	GSE
422000	EPEGSE	Herschel EPLM EGSE	422	EPLM GSE	-	GSE
423000	EPCVSE	Herschel EPLM CVSE	423	EPLM GSE	-	GSE
424000	EPOGSE	Herschel EPLM OGSE	424	EPLM GSE	-	GSE
425000	SMMTHDUM	SM Mass & Thermal Dummies	425	EPLM GSE	M	GSE
425100	SMINSTDUM	SM Instrument Dummies	425	EPLM GSE	M	GSE
422100	EPCCS	EPLM Central Ceckout System	422	EPLM EGSE	E	GSE
422200	EPCRYSCOE	EPLM Cryo SCOE	422	EPLM EGSE	E	GSE
422300	EPCDMUFE	EPLM CDMU Frontend	422	EPLM EGSE	E	GSE
422400	EPLM SCOE	PLM SCOE ??	422	EPLM EGSE	E	GSE
422500	EPTC	EPLM Cabels for TV Test	422	EPLM EGSE	E	GSE
425110	SMHIFIDUM	SM HIFI Dummies	425	Dummies	M	DUM
425111	SMHFPUD	SM HIFI FPU Dummy	425	Dummies	M	DUM
425112	SMHLOUD	SM HIFI LOU Dummy	425	Dummies	M	DUM
425113	SMHWGD	SM HIFI Waveguide Dummy	425	Dummies	M	DUM
425120	SMSDUM	SM SPIRE Dummies	425	Dummies	M	DUM
425121	SMSFPUD	SM SPIRE FPU Dummy	425	Dummies	M	DUM
425122	SMSJFBD	SM SPIRE JFET RF Boxes	425	Dummies	M	DUM
425123	SMSJFSD	SM SPIRE JFET Spectr. Dummy	425	Dummies	M	DUM
425124	SMSJFPD	SM SPIRE JFET Photom. Dummy	425	Dummies	M	DUM
425130	SMPDUM	SM PACS Dummies	425	Dummies	M	DUM
425131	SMPFPUD	SM PACS FPU Dummy	425	Dummies	M	DUM
425132	SMPBOLD	SM PACS Bolom. Ampl. Dummy	425	Dummies	M	DUM
425200	SMTDUM	SM Telescope Dummy	425	Dummies	M	DUM

5.3 Item Location Code

For ease item location identification in the HERSCHEL satellite system a location code is allocated to each electrical item which is shown in the table below.

This code will be allocated to each harness plug connector code to support harness manufacturing and integration. System integration and interface test will also benefit from this system.

Location	Meaning
?	not known
10	SVM UMB I/F CB
11	Units on SVM Sidep. 1 (CDMU)
12	Units on SVM Sidep. 2 (RWDE)
13	Units on SVM Sidep. 3 (tbd)
14	Units on SVM Sidep. 4 (Gyro)
15	Units on SVM Sidep. 5 (HIFI 1)
16	Units on SVM Sidep. 6 (HIFI 2)
17	Units on SVM Sidep.7 (SPIRECCU)
18	Units on SVM Sidep. 8 (PACS)
20	SVM I/F CB
21	I/F CB ab. SVM Panel 1 (tbd)
22	I/F CB ab. SVM Panel 2 (RWDE)
23	I/F CB ab. SVM Panel 3 (tbd)
24	I/F CB ab. SVM Panel 4 (Gyro)
25	I/F CB ab. SVM Panel 5 (HIFI1 CB)
26	I/F CB ab. SVM Panel 6 (HIFI2 CB)
27	I/F CB ab. SVM Panel 7 (SPI/CCU CB)
28	I/F CB ab. SVM Panel 8 (PACS)
30	CVV external
31	CVV I/F CB Bottom (CVVLCR)
32	CVV I/F CB Middle (CVVMCR)
33	CVV I/F CB Top PFM (CVVUCR)
34	CVV I/F CB Top EQM
35	CVV ext env Sensor I/F CB
36	NCA
40	CVV ext. Components
41	CVV ext. Comp on Struts
42	CVV ext. Comp.on Radiation Shd
43	BOLA
44	LOU

Location	Meaning
50	CVV internal
51	on lower chains
52	on lower spat framework
53	on Thermal Shield 1 (outer)
54	on Thermal Shield 2 (mid)
55	on Thermal Shield 3 (inner)
56	on upper chains
57	on upper spat framework
60	Helium Tanks
61	on AUX Tank
62	on HOT
63	on Pipework
70	Optical Bench
71	OB lower Side
72	OB upper Side
73	on HIFI FPU
74	on PACS FPU
75	on SPIRE JFET big
76	on SPIRE JFET small
77	on SPIRE FPU
80	EPLM Components
81	Sunshield SSD
82	Sunshade SSH
83	Telescope Modul
CSS	Cryo Structure S/S
E1	upper bulkhead
E2	Wave Guides
EL	Electrical Subsystem
GSE	Ground support equip
HAR	Harness
HLS	Higher Level System
I	Insulation
IML	Insulation MLI
INS	Instruments
ITS	Insulat. Therm. Shds
PLM	Pay Load Modul

Location	Meaning
SAT	Sat Level
SVM	Service Module

6 Electrical Harness Separation and EMC Classes

(Under change to fit the General Design and Interface Requirements)

A general distinction will be done between

Power harness	= EMC Class 1
Signal harness	= EMC Class 2
Low level analogue harness	= EMC Class 3
RF harness	= EMC Class 4
Harness tbd	= EMC Class tbd

Distributed in the S/C there are seven sets of harness serving the S/C and experiment payload set:

6.1 Spacecraft Harness (1S, 2S, XS, ...)

This harness links the spacecraft electrical lines to the experiment units on the SVM panels
The harness will be manufactured under Service Module/Instrument/ tbd Responsibility and is only listed partly in the Database for Overview reason

Sometimes for the EPLM this harness is equivalent to T (test) harness

The spacecraft harness will be

- 1S = Primary Power from the S/C
- 2S = Signal Lines from/to the S/C (OBDH, HL Cmd etc)
- XS = Harness from S/C tbd

6.2 Test & Checkout Harness (1T, 2T, XT, ...)

This harness will be manufactured under Instrument/tbd Responsibility and connects the Checkout and Test equipment to the EPLM

The Lines will be listed in the database sometimes as S for they are the same as for Checkout and S/C activities

Checkout harness for EQM/EPLM will be a subset of S/C harness

- 1T = Power harness (from SCOE or SVM simulator etc)
- 2T = Signal harness

OBDH Bus

Synchronisation (TBD)

S/C direct lines (Command lines) tbd,

Thermistors and Status acquired by RTU tbd

Checkout lines from the Cryo SCOE to SVM Connector (Umbilical) brackets tbd
etc

XT = Test harness, EMC Class bd

6.3 SVM Panel Harness between units (1P, 2P, 3P, 4P, XP, ...)

This harness interconnects the instrument boxes on the SVM panels directly and will be manufactured under Instrument / tbd responsibility. In the database this harness is only partly listed

1P = Primary Power between boxes (not used tbd)

Heater tbd

2P = Signal Lines as

Secondary Power to other boxes (will be seen as signal)

Serial communication lines (1553)

Direct Command lines between boxes

Analogue and status lines between boxes

3P = Low Level Analogue lines

4P = HF Lines tbd

XP = Special lines tbd

6.4 Instrument warm units to SVM Bracket Harness (1B, 2B, 3B, 4B, XB, ...)

This part of harness connects the instrument boxes and the CCU to the connector brackets located on top of the SVM panels. This harness will also be called Warm harness. The harness has to be manufacture under ASED responsibility.

1B = Primary Power to SVM Bracket (not foreseen at the moment tbd)

2B = Signal Lines as

Secondary Power to Optical Bench

Serial communication lines (1553)

Direct Command Lines

Analogue and status acquired by SVM located boxes tbd

CCU lines like

Thermistors, Accelerometers, Level Sensors, Pressure Sensors

Strain gauge, Valve Status Switches, Heaters, Valve Drives

tbd Instrumentation

3B = Low level analogue Signals

Low signal analogue lines from/to Optical Bench and Units outside the CVV

4B = RF lines from SVM Units to OB and others

XB = Special Lines TBD

6.5 Interconnecting Cryostat Vacuum Vessel Instrument and CCU Harness (1I, 2I, 3I, 4I, XI, ...)

This harness is linking the SVM Instrument brackets and the Cryostat Control Unit (CCU) Bracket on top of the panels to the feed through connectors and to units/items outside the CVV (BOLA, CCU Instrumentation etc)

This harness is also linking the Units on the CVV (BOLA etc) to the Feed Through Connectors.

1I = Primary power interconnecting harness (not foreseen at the moment)

2I = Signal interconnecting harness

all interconnecting (I) lines are declared as EMC Signal (2) at the moment, a separation has to be done according requirements tbd

3I = Low level analogue signal

4I = RF lines

xI = Special lines tbd (Waveguides)

6.6 Cryo Instrument cold Harness (1C, 2C, 3C, 4C, XC, ...)

This is a cold harness inside the CVV linking the feed through connectors to the instruments on the Optical Bench, especially to the Focal Plane units. The harness will be manufactured under ASSED responsibility.

The harness will also connect the CCS Instrumentation inside the CVV to the Feed Through Connectors

1C = Primary Power harness inside Cryostat (not foreseen)

2C = Signal harness inside Cryostat

all interconnecting (I) lines are declared as EMC Signal (2) at the moment, a separation has to be done according requirements tbd

3C = Low level analogue Signal inside the Cryostat

4C = RF lines inside the Cryostat

xC = Special Lines tbd (Waveguides)

6.7 Focal Plane /Optical Bench Harness (1F, 2F, 3F, 4F, XF, ...)

This cold harness is interconnecting the items on the optical bench and will be manufactured under instrument responsibility. The harness is listed only for overview reasons

1F = Primary Power harness on Optical Bench (not foreseen)

2F = Signal harness on optical bench

all optical bench (F) lines are declared as EMC class Signal (2) at the moment tbd

3F= Low level analogue signal on optical bench (not used tbd)

4F = RF lines on optical bench (not used tbd)

xF = Special Lines on optical bench tbd

6.8 List of EMC Category from Database

In the following a list of defined EMC classes for harness separation from the used database.

Not all classes are in use. The ones which are used are crossmarked.

Insert EML from CAIE Database

7 Cable Type List

Describing text tbd

Insert CDT from CAIE Database

Cable Type List

Project:
HERSCHEL

Cable Code	Cable Type	Cable Type Name	No. of Cores	Twisted	No. of Shields	Used
0	----	Cable Type TBD	99	No	99	Yes
1	010B0	1Core, no Shd, Core Brass	1	No	0	Yes
1	010S0	1Core, no Shd, Core Steel	0	No	0	Yes
4	011B0	1Core, 1Shd, Core Brass, Shd Steel	1	No	1	Yes
4	011S0	1Core, 1Shd, Core Steel, Shd Steel	1	No	1	Yes
7	012SS	1Core, 2Shd, Core Steel, Shd Steel	1	No	2	Yes
2	020B0	02Core, no Shd, Core Brass	2	Yes	0	Yes
2	020S0	02Core, no Shd, Core Steel	2	Yes	0	Yes
5	021BS	2Core, 1Shd, Core Brass, Shd Steel	2	Yes	1	Yes
5	021SS	2Core, 1Shd, Core Steel, Shd Steel	2	Yes	1	Yes
3	030B0	3Core, no Shd, Core Brass	3	Yes	0	Yes
3	030S0	3Core, no Shd, Core Steel	3	Yes	0	Yes
6	031BS	3Core, 1Shd, Core Brass, Shd Steel	3	Yes	1	Yes
6	031SS	3Core, 1Shd, Core Steel, Shd Steel	3	Yes	1	Yes
3	040B0	4Core, no Shd, Core Brass	4	Yes	0	Yes
3	040S0	4Core, no Shd, Core Steel	4	Yes	0	Yes
6	041BS	4Core, 1Shd, Core Brass, Shd Steel	4	Yes	1	Yes
6	041SS	4Core, 1Shd, Core Steel, Shd Steel	4	Yes	1	Yes
0	05071	5x7Core, 1Shd, 1 OverShd, Core Shd	35	Yes	5	Yes
3	050B0	5Core, no Shd, Core Brass	5	Yes	0	Yes
3	050S0	5Core, no Shd, Core Steel	5	Yes	0	Yes
6	051BS	5Core, 1Shd, Core Brass, Shd Steel	5	Yes	1	Yes
6	051SS	5Core, 1Shd, Core Steel, Shd Steel	5	Yes	1	Yes
3	060B0	6Core, no Shd, Core Brass	6	Yes	0	Yes
3	060S0	6Core, no Shd, Core Steel	6	Yes	0	Yes
6	061BS	6Core, 1Shd, Core Brass, Shd Steel	6	Yes	1	Yes
6	061SS	6Core, 1Shd, Core Steel, Shd Steel	6	Yes	1	Yes
3	070B0	7Core, no Shd, Core Brass	7	Yes	0	Yes
3	070S0	7Core, no Shd, Core Steel	7	Yes	0	Yes
6	071BS	7Core, 1Shd, Core Brass, Shd Steel	7	Yes	1	Yes
6	071SS	7Core, 1Shd, Core Steel, Shd Steel	7	Yes	1	Yes
3	110B0	11Core, no Shd, Core Brass	11	Yes	0	Yes
3	110S0	11Core, no Shd, Core Steel	11	Yes	0	Yes
6	111BS	11Core, 1Shd, Core Brass, Shd Steel	11	Yes	1	Yes
6	111SS	11Core, 1Shd, Core Steel, Shd Steel	11	Yes	1	Yes
0	12S2C	12x2Core, 0 Shd, 1 OveShd, Core S	24	No	1	Yes
3	190B0	19Core, no Shd, Core Brass	19	Yes	0	Yes
3	190S0	19Core, no Shd, Core Steel	19	Yes	0	Yes
6	191BS	19Core, 1Shd, Core Brass, Shd Steel	19	Yes	1	Yes
6	191SS	19Core, 1Shd, Core Shd Steel	19	Yes	1	Yes
3	260B0	26Core, no Shd, Core Brass	26	Yes	0	Yes
3	260S0	26Core, no Shd, Core Steel	26	Yes	0	Yes
6	261BS	26Core, 1Shd, Core Brass, Shd Steel	26	Yes	1	Yes
6	261SS	26Core, 1Shd, Core Shd Steel	26	Yes	1	Yes
0	XBS7	4Core, Shd SS +3Core, Shd BS	7	Yes	2	Yes

8 Cable Characteristic List

Describing text tbd

Insert CCL from CAIE DataBase

Astrium GmbH

Project:
HERSCHEL

Cable

Characteristic List

Doc.No. HP-2-ASED-IC-0001

Issue: Dr Date: 22.02.2002

Sheet: CCL-1 (of 3)

Cable Type	Gauge (AWG)	Cable Code	Spec. Resist. [Ohm/m]							Spec. Cap. [pF/m]	Cbl Dia [mm]	Core Dia [mm]	Met. Part Steel [mm ²]	Met. Part Brass [mm ²]	Part Ins [mm ²]	Specific Weight [g/m]	Comments	Used
			293	2	3	4	5	6	7									
----	---	0	0,0														-	Yes
010B0	30	1	2,2														no ISO K	Yes
010B0	38	1	12,0										0,008	0,043			no ISO K	Yes
010S0	38	1	140,0									0,008		0,043			no ISO K	Yes
011B0	30	4	2,2														no ISO K	Yes
011B0	38	4	12,0									0,020	0,008	0,309			no ISO K	Yes
011S0	38	4	140,0						120	0,70	0,1	0,028		0,309	0,73		GSC 6775 R 2	Yes
012SS	38	7	140,0									0,054		0,71			no ISO K	Yes
020B0	30	2	2,2						65	1,00	0	0,000			1,38		GSC 6779 Rev 3	Yes
020B0	38	2	12,0						50	0,50	0	0,000	0,016	0,086	0,37		GSC 6778 Rev 3	Yes
020S0	38	2	140,0						50	0,50	0	0,016		0,086	0,36		GSC 6777	Yes
021BS	30	5	2,2									0,060	0,102	0,771			no ISO K	Yes
021BS	38	5	12,0									0,060	0,016	0,771	1,5555		no ISO K	Yes
021SS	38	5	140,0						60	1,20	0	0,076		0,771	1,75		GSC 6786 R3	Yes
030B0	30	3	2,2														no ISO K	Yes
030B0	38	3	12,0														no ISO K	Yes
030S0	38	3	140,0														no ISO K	Yes
031BS	30	6	2,2														no ISO K	Yes
031BS	38	6	12,0						65	1,20	0	0,070	0,024	0,856	2		GSC 6789	Yes
031SS	38	6	140,0						65	1,20	0	0,094		0,856	2		GSC 6788 R3	Yes
040B0	30	3	2,2														no ISO K	Yes
040B0	38	3	12,0						55	0,70	0	0,000	0,032	0,172	0,74		GSC 6783 R3	Yes
040S0	38	3	140,0						55	0,70	0	0,032		0,172	0,72		GSC 6782	Yes
041BS	30	6	2,2									0,080	0,099	1,208			no ISO K	Yes
041BS	38	6	12,0						50	1,30	0	0,070	0,032	0,951	2,26		GSC 6796	Yes
041SS	38	6	140,0						60	1,30	0	0,102		0,951	2,22		GSC 6795 R3	Yes
05071	38	0	140,0							4,50	0	0,000			0		GSC 7525	Yes

Astrium GmbH

Project:

HERSCHEL

Cable Characteristic List

Doc.No. HP-2-ASED-IC-0001

Issue: Dr Date: 22.02.2002

Sheet: CCL-2 (of 3)

Cable Type	Gauge (AWG)	Cable Code	Spec. Resist. [Ohm/m]							Spec. Cap. [pF/m]	Cbl Dia [mm]	Core Dia [mm]	Met. Part Steel [mm ²]	Met. Part Brass [mm ²]	Part Ins [mm ²]	Specific Weight [g/m]	Comments	Used
			293	2	3	4	5	6	7									
050B0	30	3	2,2														no ISO K	Yes
050B0	38	3	12,0														no ISO K	Yes
050S0	38	3	140,0														no ISO K	Yes
051BS	30	6	2,2														no ISO K	Yes
051BS	38	6	12,0												2,11111		no ISO K	Yes
051SS	38	6	140,0														no ISO K	Yes
060B0	30	3	2,2														no ISO K	Yes
060B0	38	3	12,0														no ISO K	Yes
060S0	38	3	140,0														no ISO K	Yes
061BS	30	6	2,2														no ISO K	Yes
061BS	38	6	12,0														no ISO K	Yes
061SS	38	6	140,0														no ISO K	Yes
070B0	30	3	2,2														no ISO K	Yes
070B0	38	3	12,0														no ISO K	Yes
070S0	38	3	140,0														no ISO K	Yes
071BS	30	6	2,2														no ISO K	Yes
071BS	38	6	12,0									0,085	0,056	1,208			no ISO K	Yes
071SS	38	6	140,0							50	1,40	0	0,141		1,208	3,9	GSC 6790 R3	Yes
110B0	30	3	2,2														no ISO K	Yes
110B0	38	3	12,0														no ISO K	Yes
110S0	38	3	140,0														no IOSO K	Yes
111BS	30	6	2,2														no ISO K	Yes
111BS	38	6	12,0									0,110	0,088	1,603			no ISO K	Yes
111SS	38	6	140,0							55	1,60	0	0,198		1,603	4,2	GSC 6792 ?	Yes
12S2C	38	0	140,0														no ISO K	Yes
190B0	30	3	2,2														no ISO K	Yes
190B0	38	3	12,0														no ISO K	Yes

Astrium GmbH

Project: **HERSCHEL**

Cable Characteristic List

Doc.No. HP-2-ASED-IC-0001

Issue: Dr Date: 22.02.2002

Sheet: CCL-3 (of 3)

Cable Type	Gauge (AWG)	Cable Code	Spec. Resist. [Ohm/m]							Spec. Cap. [pF/m]	Cbl Dia [mm]	Core Dia [mm]	Met. Part Steel [mm ²]	Met. Part Brass [mm ²]	Part Ins [mm ²]	Specific Weight [g/m]	Comments	Used
			293	2	3	4	5	6	7									
190S0	38	3	140,0														no ISO K	Yes
191BS	30	6	2,2														no ISO K	Yes
191BS	38	6	12,0									0,134	0,152	2,145			no ISO K	Yes
191SS	38	6	140,0						50	1,90	0	0,286		2,145	6,1		GSC 6793 R4	Yes
260B0	30	3	2,2														no ISO K	Yes
260B0	38	3	12,0														no ISO K	Yes
260S0	38	3	140,0														no ISO K	Yes
261BS	30	6	2,2														no ISO K	Yes
261BS	38	6	12,0									0,156	0,208	2,659			no ISO K	Yes
261SS	38	6	140,0						60	2,20	0	0,364		2,659	0		GSC 6802	Yes
XBS7	??	0	2,2	0	0	0	0	0,000	0	0,00	0	0,000			4,444		Mix 041SS 031	Yes

9 Connector Type List

Describing text tbd

Insert CTL from CAIE DataBase

Connector Type List

Project:

HERSCHEL

Connector Type	Manufacturer	Pin / Sock	No. of Pins	Mass [g]	Shape	Special Connector	No. of Con.	Used
>> Dummy Connector	-	-	0	0	-	No	134	Yes
197-011P18-35P	GLENAIR	P	66	50	R	Yes	63	Yes
197-011P22-35P	GLENAIR	P	+02	60	R	Yes	5	Yes
197-011P24-35P	GLENAIR	P	+02	80	R	Yes	5	Yes
197-012P18-35S	GLENAIR	S	66	70	R	Yes	63	Yes
197-012P22-35S	GLENAIR	S	+02	80	R	Yes	5	Yes
197-012P24-35S	GLENAIR	S	+02	107,3	R	Yes	5	Yes
Box Responsible Pin		P	1	0	-	No	25	Yes
Box Responsible Socket		S	1	0	-	No	25	Yes
DAM-15P-NMB	CANNON	P	15	8,39	D	No	20	Yes
DAM-15S-NMB	CANNON	S	15	10,21	D	No	20	Yes
DBM-25P-NMB	CANNON	P	25	13,38	D	No	30	Yes
DBM-25S-NMB	CANNON	S	25	15,42	D	No	30	Yes
DCM-37P-NMB	CANNON	P	37	18,82	D	No	52	Yes
DCM-37S-NMB	CANNON	S	37	21,73	D	No	52	Yes
DDM-50P-NMB	CANNON	P	50	22,41	D	No	32	Yes
DDM-50S-NMB	CANNON	S	50	26,31	D	No	32	Yes
DEM-09P-NMB	CANNON	P	9	6,08	D	No	29	Yes
DEM-09S-NMB	CANNON	S	9	6,99	D	No	29	Yes
HDMA-44 P	DEUTSCH	P	44	70	F	No	18	Yes
HDMA-44 S	DEUTSCH	S	44	71	F	No	18	Yes
HDMA-62 P	DEUTSCH	P	62	73	F	No	6	Yes
HDMA-62 S	DEUTSCH	S	62	75	F	No	6	Yes
KJ * 100 P ??	Souiau	P	+02	150	R	No	0	No
KJ * 100S ??	Souriau	S	+02	150	R	No	0	No
MIL-C 25-35P ??	Souriau	P	35	150	R	No	0	No
MIL-C 25-35S ??	Souriau	S	35	150	R	No	0	No
MWDM2L-09P-6C3-630	GLENAIR	P	9	4,6	F	No	78	Yes
MWDM2L-09S-6C3-630	GLENAIR	S	9	4,6	F	No	78	Yes
MWDM2L-15P-6C3-630	GLENAIR	P	15	5	F	No	7	Yes
MWDM2L-15S-6C3-630	GLENAIR	S	15	5	F	No	7	Yes
MWDM2L-21P-6C3-630	GLENAIR	P	21	5,4	F	No	4	Yes
MWDM2L-21S-6C3-630	GLENAIR	S	21	5,4	F	No	4	Yes
MWDM2L-25P-6C3-630	GLENAIR	P	25	6,5	F	No	38	Yes
MWDM2L-25S-6C3-630	GLENAIR	S	25	6,5	F	No	38	Yes
MWDM2L-31P-6C3-630	GLENAIR	P	31	7,7	F	No	14	Yes
MWDM2L-31S-6C3-630	GLENAIR	S	31	7,7	F	No	14	Yes
MWDM2L-37P-6C3-630	GLENAIR	P	37	9,2	F	No	70	Yes
MWDM2L-37S-6C3-630	GLENAIR	S	37	9,2	F	No	70	Yes
N/A	-	-	0	0	-	No	0	No
Not known Pin	tbd	P	50	30	F	No	93	Yes
Not known Socket	tbd	-	50	30	F	No	93	Yes
SVM CB Junc Round	tbd	P	+02	80	R	Yes	75	Yes
SVM CB Plug Round	tbd	S	+02	110	R	Yes	75	Yes
TBD	-	-	0	0	-	No	44	Yes

10 Signal Type List

Describing text tbd

Insert STL from CAIE DataBase

Signal				S/S	Spec	Data	EMC	Specified		
Code	Signal-Type Name	Wiring	No. of Lines	Shd.	Code	No.	Sheet	Code	in Para.	New
H1A-	HIFI 1. IF Amplifier	1x261BS-30	20 SIG/6 RTN	B	110	1	tbd	#	-	
H1A1	HIFI 1. IF Ampl. D1 Lines	1x111BS-30	8 SIG/1 RTN	B	110	1	tbd	#	-	
H1A2	HIFI 1. IF Ampl. G1 Lines	1x041SS-38	2 SIG/2 RTN	B	110	1	tbd	#	-	
H1A3	HIFI 1. IF Ampl. D2 Lines	1x111BS-30	8 SIG/1 RTN	B	110	1	tbd	#	-	
H1A4	HIFI 1. IF Ampl G2 Lines	1x041SS-38	2 SIG/2 RTN	B	110	1	tbd	#	-	
H2A-	HIFI 2. IF Amplifier	1x111SS-38	6 SIG/3 RTN	B	110	1	tbd	#	-	
H2A1	HIFI Second IF Ampl D1 G1 RTN	1x041BS-38	2 SIG/1 RTN	B	110	1	tbd	#	-	
H2A2	HIFI Second IF Ampl D2 G2 RTN	1x041BS-38	2 SIG/1 RTN	B	110	1	tbd	#	-	
H2A3	HIFI Second IF Ampl D3 G3 RTN	1x041SS-38	2 SIG/1 RTN	B	110	1	tbd	#	-	
HBC-	HIFI Calibrator CR Temp Sensor	1x041SS-38	2 SIG/2 RTN	B	110	1	tbd	#	-	
HBH-	HIFI Calibrator HR Temp Sensor	1x041SS-38	2 SIG/2 RTN	B	110	1	tbd	#	-	
HBS-	HIFI Calibrator ST Temp Sensor	1x041SS-38	2 SIG/2 RTN	B	110	1	tbd	#	-	
HCA-	HIFI Chopper AC	1x031BS-38	1 SUP/2 RTN	B	110	1	tbd	#	-	
HCH-	HIFI Calibrator Heater	1x021SS-38	1 SUP/1 RTN	B	110	1	tbd	#	-	
HCP-	HIFI Chopper PY ?	1x031BS-38	1 SIG/2 RTN	B	110	1	tbd	#	-	
HCS-	HIFI Chopper SY ?	1x031SS-38	2 SIG/1 RTN	B	110	1	tbd	#	-	
HCW-	HIFI Calibrator Switch	1x041SS-38	2 SIG/2 RTN	B	110	1	tbd	#	-	
HDP-	HIFI Diplexer	1x021BS-38	1 SIG/1 RTN	B	110	1	tbd	#	-	
HHT-	HIFI Heater	1x021BS-38	1 SUP/1 RTN	B	110	1	tbd	#	-	
HMG-	HIFI Magnet	1x021BS-38	1 SIG/1 RTN	B	110	1	tbd	#	-	
HMX-	HIFI Mixer Bias	1x051SS-38	3 SIG/2 RTN	B	110	1	tbd	#	-	
HTS-	HIFI Temp. Sensors	1x041SS-38	2 SIG/2 RTN	B	110	1	tbd	#	-	
SBC-	SPIRE Bolometer Channel x	1x021BS-38	2 SIG/0 RTN	B	120	1	tbd	#	-	DR
SXB-	SPIRE Bol. SSW SLW Bias	1x021BS-38	2 SIG/0 RTN	B	120	1	tbd	#	-	DR
SXH-	SPIRE Bol. SSW SLW Heater	1x021BS-38	2 SIG/0 RTN	B	120	1	tbd	#	-	DR

Project:
HERSCHEL

Signal Code	Signal-Type Name	Data Sheet	Specified in Para.
H1A	HIFI 1. IF Amplifier	tbd	-
H2A	HIFI 2. IF Amplifier	tbd	-
HBC	HIFI Calibrator CR Temp Sensor	tbd	-
HBH	HIFI Calibrator HR Temp Sensor	tbd	-
HBS	HIFI Calibrator ST Temp Sensor	tbd	-
HCA	HIFI Chopper AC	tbd	-
HCH	HIFI Calibrator Heater	tbd	-
HCP	HIFI Chopper PY ?	tbd	-
HCS	HIFI Chopper SY ?	tbd	-
HCW	HIFI Calibrator Switch	tbd	-
HDP	HIFI Diplexer	tbd	-
HHT	HIFI Heater	tbd	-
HMG	HIFI Magnet	tbd	-
HMX	HIFI Mixer Bias	tbd	-
HTS	HIFI Temp. Sensors	tbd	-
SBC	SPIRE Bolometer Channel x	tbd	-
SXB	SPIRE Bol. SSW SLW Bias	tbd	-
SXH	SPIRE Bol. SSW SLW Heater	tbd	-

11 Interface Type List

Describing text tbd

Insert ICT from CAIE DataBase

Project:
HERSCHEL

I/F-Cir. Code	Driver / Receiver	Interface Circuit Type Description	Specification Data Sheet(s)	I/F connection	New
CAC	-	Cryostat Accelerometer	tbd	2 core / 1 shd	DR
CFX	-	Cryostat Tension Device ?	tbd	0 core / 0 shd	DR
CGX	-	Cryostat Strain Gauge ?	tbd	0 core / 0 shd	DR
CH1	-	Cryostat Heater DLDM R=90OHM	tbd	2 core / 0 shd	DR
CH2	-	Cryostat Heater Depl. ? R=330Ohm	tbd	2 core / 0 shd	DR
CH3	-	Cryostat Heater HOT ? R=50Ohm	tbd	2 core / 0 shd	DR
CL1	-	Cryostat Liquid Level Sensor Typ 1	tbd	2 core / 0 shd	DR
CL2	-	Cryostat Liquid Level Sensor Typ 2	tbd	2 core / 0 shd	DR
CL3	-	Cryostat Liquid Level Sensor Typ 3	tbd	2 core / 0 shd	DR
CL4	-	Cryostat Liquid Level Sensor Typ 4	tbd	2 core / 0 shd	DR
CNC	-	Cryostat Cover Release ?	tbd	0 core / 0 shd	DR
CP1	-	Cryostat Pressure Transducer Typ 1	tbd	4 core / 0 shd	DR
CP2	-	Cryostat Pressure Transducer Typ 2	tbd	4 core / 0 shd	DR
CSI	-	Cryostat Cover Status Indicator?	tbd	0 core / 0 shd	DR
CTC	-	Cryostat Temperature Sensor C100	tbd	4 core / 0 shd	DR
CTP	-	Cryostat Temperature Sensor PT1000	tbd	4 core / 0 shd	DR
CVC	-	Cryostat Valve Coil	tbd	2 core / 0 shd	DR
CVH	-	Cryostat Valve Heater	tbd	2 core / 0 shd	DR
CVS	-	Cryostat Valve Status Indicator	tbd	2 core / 0 shd	DR
CVT	-	Cryostat Valve Temperature Sensor	tbd	4 core / 0 shd	DR
H1A	-	HIFI First Amplifier	tbd	26 core / 4 shd	DR
H2A	-	HIFI Second Amplifier	tbd	9 core / 1 shd	DR
HBC	-	HIFI Calibrator CR Temp Sensor	tbd	4 core / 1 shd	DR
HBH	-	HIFI Calibrator HR Temp Sensor	tbd	4 core / 1 shd	DR
HBS	-	HIFI Calibrator ST Tem. Sensor	tbd	4 core / 1 shd	DR
HCA	-	HIFI Chopper AC	tbd	3 core / 1 shd	DR
HCH	-	HIFI Calibrator Heater	tbd	2 core / 1 shd	DR
HCP	-	HIFI Chopper PY ?	tbd	3 core / 1 shd	DR
HCS	-	HIFI Chopper SY ?	tbd	3 core / 1 shd	DR
HCW	-	HIFI Calibrator Switch	tbd	4 core / 1 shd	DR
HDP	-	HIFI Diplexer	tbd	2 core / 1 shd	DR
HHT	-	HIFI Heaters	tbd	2 core / 1 shd	DR
HLA	-	HIFI LOU Amplifier ????	tbd	7 core / 1 shd	DR
HLH	-	HIFI LOU Heater ????	tbd	2 core / 1 shd	DR
HLM	-	HIFI LOU Multipliers ?????	tbd	4 core / 1 shd	DR
HLT	-	HIFI LOU Temperature Sensors ?????	tbd	4 core / 1 shd	DR
HMG	-	HIFI Magnets	tbd	2 core / 1 shd	DR
HMX	-	HIFI Mixer Bias	tbd	5 core / 1 shd	DR
HTS	-	HIFI Temp Sensors	tbd	4 core / 1 shd	DR
PAS	-	PACS Calibration Source	tbd	4 core / 1 shd	DR
PAT	-	PACS Calibration Temp Sensor	tbd	4 core / 1 shd	DR
PCD	-	PACS Chopper Drive	tbd	8 core / 1 shd	DR
PCP	-	PACS Chopper Position Sensor	tbd	6 core / 1 shd	DR
PCT	-	PACS Chopper Temp. Sensor	tbd	4 core / 1 shd	DR
PD1	-	PACS Detector Distr. Board Select lines	tbd	11 core / 1 shd	DR
PD2	-	PACS Detector Distr. Board Clk Line	tbd	2 core / 1 shd	DR
PD3	-	PACS Detector Distr. Board Synch Lines	tbd	2 core / 1 shd	DR
PD4	-	PACS Detector Distr. Board Sense lines	tbd	13 core / 1 shd	DR
PD5	-	PACS Detector Distr. Board Bias Ref Lin	tbd	6 core / 1 shd	DR
PD6	-	PACS Detector Distr. Board Bias Lines	tbd	26 core / 1 shd	DR
PDO	-	PACS Detector Distr. Board Out lines	tbd	1 core / 2 shd	DR
PFC	-	PACS Filter Wheel Coil	tbd	4 core / 1 shd	DR
PFH	-	PACS Filter Wheel Hall Sensors	tbd	4 core / 1 shd	DR
PFS	-	PACS Filter Wheel Sensor 1/2	tbd	6 core / 1 shd	DR
PFT	-	PACS Filter Wheel Temp Sensor	tbd	4 core / 0 shd	DR
PGC	-	PACS Grating Coil	tbd	4 core / 1 shd	DR
PGD	-	PACS Grating Position Driver	tbd	2 core / 1 shd	DR

Interface Circuit Type List

 Project:
HERSCHEL

I/F-Cir. Code	Driver / Receiver	Interface Circuit Type Description	Specification Data Sheet(s)	I/F connection	New
PGH	-	PACS Grating Hall Sensors	tbd	4 core / 1 shd	DR
PGI	-	PACS Grating Position Sinus	tbd	2 core / 1 shd	DR
PGO	-	PACS Grating Position Cosinus	tbd	2 core / 1 shd	DR
PGS	-	PACS Grating Switches	tbd	4 core / 0 shd	DR
PGT	-	PACS Grating Temp Sensors	tbd	4 core / 1 shd	DR
SBC	-	SPIRE Bolometer Channel n	tbd	2 core / 1 shd	DR
SBH	-	SPIRE Bol SSW SLW Heater	tbd	2 core / 1 shd	DR
SHD	-	Identifier indicating shield connection	N/A	0 core / 1 shd	
SXB	-	SPIRE SLW SSW Bias	tbd	2 core / 1 shd	DR

Project: HERSCHEL			INTERFACE CONTROL DOCUMENT				Doc.No.: HP-2-ASED-IC-0001 Issue: Dr Date: 22.02.2002 Page:			
Item Code: 111000	Item Identifier: HHFPU	IF-Type: HMX	P11	EMC Class: 2/SIG	Signal Code: HMX	P11	IF-Type: HMX	Item Identifier: HHFCU	Item Code: 112300	
<p>This drawing is not yet implemented.</p>			<p>MX1-B-H MX1-BRTN-H MX1-VM-H MX1-VMRTN-H MX1-IM-H</p>				<p>This drawing is not yet implemented.</p>			
										2
Notes:							Notes:			

12 Connector Allocation List

Describing text tbd

12.1 Item Connector List (ICL)

Insert ICL from CAIE DataBase

Item oriented

~~Insert CAL from CAIE DataBase~~

Harness oriented

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HH (Item Code: 11*)							
HH Units CVV IO (Item Code: 111*)							
HHFPU	111100 J01	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J02	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J03	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J04	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J05	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J06	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J07	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J08	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J09	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J10	HIFI FPU ???	Not known Pin	Box	N/A	9-/not known	
HHFPU	111100 J11A	HIFI FPU Mixer Bias 1 Hor.1	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 J11B	HIFI FPU Mixer Bias 2 Hor.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J11C	HIFI FPU Mixer Bias 3 Hor.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J11D	HIFI FPU Mixer Bias 4 Hor.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 J11E	HIFI FPU Mixer Bias 5 Hor.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J11F	HIFI FPU Mixer Bias 6 Hor.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J11G	HIFI FPU Mixer 7 Hor.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J12A	HIFI FPU Mag., Htr, Therm Hor J12A	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J12B	HIFI FPU Mag., Htr, Therm Hor J12B	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 J12C	HIFI FPU Mag., Htr, Therm Hor J12C	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J12D	HIFI FPU Mag., Htr, Therm Hor J12D	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J12E	HIFI FPU Mag., Htr, Therm Hor J12E	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J12F	HIFI FPU Mag., Htr, Therm Hor J12F	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J12G	HIFI FPU Mag., Htr, Therm Hor J12G	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J14A	HIFI FPU 1. IF Ampl. Hor. J14A	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J14B	HIFI FPU 1. IF Ampl. Hor. J14B	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J14C	HIFI FPU 1. IF Ampl. Hor. J14C	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J14D	HIFI FPU 1. IF Ampl. Hor. J14D	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J14E	HIFI FPU 1. IF Ampl. Hor. J14E	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 J14F	HIFI FPU 1. IF Ampl. Hor. J14F	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J14G	HIFI FPU 1. IF Ampl. 1 Hor. J14G	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J15A	HIFI FPU 2. IF Ampl. 2 Hor. J15A	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J15B	HIFI FPU 2. IF Ampl. 3 Hor. J15B	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J15C	HIFI FPU 2. IF Ampl. 4 Hor. J15C ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J15D	HIFI FPU 2. IF Ampl. 5 Hor. J15D ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J15E	HIFI FPU 2. IF Ampl. 6 Hor. J15E ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J15F	HIFI FPU 2. IF Ampl. 7 Hor. J15F ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J15G	HIFI FPU 2. IF Ampl. Hor. J15G ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J16A	HIFI FPU Chop. Cal. Term. J16A	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J16B	HIFI FPU Chop. Cal. Term. J16B	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J16C	HIFI FPU Chop. Cal. Term. J16C	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J17A	HIFI FPU Diplexer hor. J17A	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J17B	HIFI FPU Diplexer hor. J17B	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J17C	HIFI FPU Diplexer hor. J17C	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J17D	HIFI FPU Diplexer hor. J17D	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J17E	HIFI FPU Diplexer hor. J17E	Not known Pin	Box	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J21A	HIFI FPU Mixer Bias 1 Ver.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J21B	HIFI FPU Mixer Bias 2 Ver.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J21C	HIFI FPU Mixer Bias 3 Ver.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J21D	HIFI FPU Mixer Bias 4 Ver.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J21E	HIFI FPU Mixer Bias 5 Ver.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 J21F	HIFI FPU Mixer Bias 6 Ver.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J21G	HIFI FPU Mixer Bias 7 Ver.	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J22A	HIFI FPU Mag, Htr, Therm Ver J22A	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J22B	HIFI FPU Mag, Htr, Therm Ver J22B	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J22C	HIFI FPU Mag, Htr, Therm Ver J22C	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J22D	HIFI FPU Mag,Htr, Therm Ver J22D	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR

ITEM

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HHFPU	111100 J22E	HIFI FPU Mag, Htr, Therm Ver J22E	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J22F	HIFI FPU Mag, Htr, Therm Ver J22F	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J22G	HIFI FPU Mag, Htr, Therm Ver J22G	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J24A	HIFI FPU 1. IF Ampl. Ver J24A	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J24B	HIFI FPU 1. IF Ampl. Ver. J24B	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J24C	HIFI FPU 1. IF Ampl. Ver. J24C	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J24D	HIFI FPU 1. IF Ampl. Ver. J24D	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J24E	HIFI FPU 1. IF Ampl. Ver. J24E	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J24F	HIFI FPU 1. IF Ampl. Ver. J24F	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J24G	HIFI FPU 1. IF Ampl. Ver. J24G	MWDM2L-09P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J25A	HIFI FPU 2. IF Ampl. 1 Ver J25A	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J25B	HIFI FPU 2. IF Ampl. 2 Ver. J25B	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J25C	HIFI FPU 2. IF Ampl. 3 Ver. J25C ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J25D	HIFI FPU 2. IF Ampl. 4 Ver. J25D ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J25E	HIFI FPU 2. IF Ampl. 5 Ver. J25E ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J25F	HIFI FPU 2. IF Ampl. 6 Ver. J25F ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J25G	HIFI FPU 2. IF Ampl. 7 Ver. J25G ???	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J26A	HIFI FPU Chop. Cal. Therm. Red J26A	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J26B	HIFI FPU Chop. Cal. Therm. Red J26B	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J26C	HIFI FPU Chop. Cal. Therm. Red J26C	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J27A	HIFI FPU Diplexer ver. J27A	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J27B	HIFI FPU Diplexer ver. J27B	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J27C	HIFI FPU Diplexer ver. J27C	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J27D	HIFI FPU Diplexer ver. J27D	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 J27E	HIFI FPU Diplexer ver. J27E	Not known Pin	Box	N/A	2C/Sig Ha FPU-FTH	DR
HHLOU	111200 J01	HIFI LOU ???? I a	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J02	HIFI LOA ???? I b	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J03	HIFI LOA ???? II a	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J04	HIFI LOA ???? II b	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J05	HIFI LOA ???? III a	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J06	HIFI LOA ???? III b	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J07	HIFI LOA ???? IV a	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J08	HIFI LOA ???? IV b	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J09	HIFI LOA ???? V a	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J10	HIFI LOA ???? V b	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J11	HIFI LOA ???? VI a	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J12	HIFI LOA ???? VI b	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J13	HIFI LOA ???? VI c	DDM-50s-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J14	HIFI LOA ???? VI d	DDM-50S-NMB	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J15	HIFI LOA Heater 1 ????	Not known Pin	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 J16	HIFI LOA Heater 2 ????	Not known Pin	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HHLWU	111400 J01	HIFI LWU	Not known Pin	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HH SVM Units (Item Code: 112*)							
HHLCU	112100 J01	HIFI LCU LOA Ia ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J02	HIFI LCU LOA Ib ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J03	HIFI LCU LOA Iia ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J04	HIFI LCU LOA Iib ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J05	HIFI LCU LOA IIIa ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J06	HIFI LCU LOA IIIb ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J07	HIFI LCU LOA Iva ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J08	HIFI LCU LOA Ivb ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J09	HIFI LCU LOA Va ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J10	HIFI LCU LOA Vb ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J11	HIFI LCU LOA Via ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J12	HIFI LCU LOA Vib ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J13	HIFI LCU LOA Vic ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J14	HIFI LCU LOA Vid ???	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J15	HIFI LCU LOA Heater 1 ???	Not known Pin	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 J16	HIFI LCU LOA Heater 2 ???	Not known Pin	Box	N/A	2B/Sig Ha Box-SVMCB	DR

Astrium GmbH		Item Connector List	Doc.No. HP-2-ASED-IC-0001
Project:	HERSCHEL		Issue: Dr Date: 22.02.2002
			Sheet: ICL-3 (of 14)

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HHLCU	112100 J17	HIFI LCU ???	Not known Pin	Box	N/A	9-/not known	
HHLCU	112100 J18	HIFI LCU ???	Not known Pin	Box	N/A	9-/not known	
HHLCU	112100 J19	HIFI LCU ???	Not known Pin	Box	N/A	9-/not known	
HHLCU	112100 J20	HIFI LCU ???	Not known Pin	Box	N/A	9-/not known	
HHLCU	112100 J21	HIFI LCU ???	Not known Pin	Box	N/A	9-/not known	
HHLCU	112100 J22	HIFI LCU ???	Not known Pin	Box	N/A	9-/not known	
HHLCU	112100 J23	HIFI LCU ???	Not known Pin	Box	N/A	9-/not known	
HHLCU	112100 J24	HIFI LCU ???	Not known Pin	Box	N/A	9-/not known	
HHLCU	112100 J25	HIFI LCU NOM Pwr from PDU	DEM-09P-NMB	Box	N/A	1S/Pwr Harm fr S/C C/O	DR
HHLCU	112100 J26	HIFI LCU RED Pwr from PDU	DEM-09P-NMB	Box	N/A	1S/Pwr Harm fr S/C C/O	DR
HHLCU	112100 P25	HIFI LCU NOM Pwr from PDU	DEM-09S-NMB	Box	TBD	1S/Pwr Harm fr S/C C/O	DR
HHLCU	112100 P26	HIFI LCU RED Pwr from PDU	DEM-09S-NMB	Box	TBD	1S/Pwr Harm fr S/C C/O	DR
HHLSU	112200 J01	HIFI LSU NOM Pwr from PDU	DEM-09P-NMB	Box	N/A	1S/Pwr Harm fr S/C C/O	DR
HHLSU	112200 J02	HIFI LSU RED Pwr from PDU	DEM-09P-NMB	Box	N/A	1S/Pwr Harm fr S/C C/O	DR
HHLSU	112200 J03	Waveguides ???	Not known Pin	Box	N/A	9-/not known	
HHLSU	112200 P01	HIFI LSU NOM Pwr from PDU	DEM-09S-NMB	Box	TBD	1S/Pwr Harm fr S/C C/O	DR
HHLSU	112200 P02	HIFI LSU RED Pwr from PDU	DEM-09S-NMB	Box	TBD	1S/Pwr Harm fr S/C C/O	DR
HHFCU	112300 J01	HIFI FCU J01 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J02	HIFI FCU J02 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J03	HIFI FCU J03 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J04	HIFI FCU J04 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J05	HIFI FCU J05 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J06	HIFI FCU J06 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J07	HIFI FCU J07 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J08	HIFI FCU J08 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J09	HIFI FCU J09 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J10	HIFI FCU J10 ???	Not known Pin	Box	N/A	9-/not known	
HHFCU	112300 J11	HIFI FCU Mixer bias Horizontal	HDMA-44 P	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J12	HIFI FCU Magnets & Heaters Hor.	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J13	HIFI FCU Mixer Termistors Hor.	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J14	HIFI FCU 1. IF Ampl. Hor.	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J15	HIFI FCU 2. IF Ampl. Hor.	HDMA-62 S	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J16	HIFI FCU Chop. Cal. Therm. Prim.	HDMA-62 P	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J17	HIFI FCU Diplexer Hor.	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J21	HIFI FCU Mixer bias Ver.	HDMA-44 P	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J22	HIFI FCU Magnets & Heaters Ver.	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J23	HIFI FCU Mixer Thermistors Ver.	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J24	HIFI FCU 1. IF Ampl. Ver.	HDMA-44 S	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J25	HIFI FCU 2. IF Ampl. Ver.	HDMA-62 S	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J26	HIFI FCU Chop. Cal. Therm Red.	HDMA-62 P	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 J27	HIFI FCU Diplexer Ver.	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB +	DR
HHHRI	112410 J01	HIFI HRI Sec Pwr NOM ???	DEM-09P-NMB	Box	N/A	9-/not known	
HHHRI	112410 J02	HIFI HRI Sec Pwr RED ???	DEM-09P-NMB	Box	N/A	9-/not known	
HHHRI	112410 J03	HIFI HRI Control/HK NOM ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J04	HIFI HRI Control/HK RED ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J05	HIFI HRI IF Signals ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J06	HIFI HRI IF Signals ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J07	HIFI HRI IF Signals ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J08	HIFI HRI IF Signals ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J09	HIFI HRI IF Signals ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J10	HIFI HRI IF Signals ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J11	HIFI HRI IF Signals ???	Not known Pin	Box	N/A	9-/not known	
HHHRI	112410 J12	HIFI HRI IF Signals ???	Not known Pin	Box	N/A	9-/not known	
HHHRH	112420 J01	HIFI HRH ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J01	HIFI HRV Prim Pwr ???	DEM-09P-NMB	Box	N/A	1S/Pwr Harm fr S/C C/O	DR
HHHRV	112430 J02	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J03	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J04	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	

Item Connector List

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HHHRV	112430 J05	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J06	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J07	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J08	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J09	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J10	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J11	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J12	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J13	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 J14	HIFI HRV ???	Not known Pin	Box	N/A	9-/not known	
HHHRV	112430 P01	HIFI HRV Prim Pwr ???	DEM-09S-NMB	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HHICU	112600 J01	HIFI ICU NOM Pwr from PDU	DEM-09P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HHICU	112600 J02	HFI ICU RED Pwr from PDU	DEM-09P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HHICU	112600 P01	HIFI ICU NOM Pwr from PDU	DEM-09S-NMB	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HHICU	112600 P02	HFI ICU RED Pwr from PDU	DEM-09S-NMB	Box	TBD	1S/Pwr Ham fr S/C C/O	DR

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			Sheet: ICL-5 (of 14)

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
SPIRE (Item Code: 12*)							
HS Units CVV IO (Item Code: 121*)							
HSFPU	121100 J01	SPIRE FPU PSW BDA F1	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J02	SPIRE FPU PSW BDA F2	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J03	SPIRE FPU PSW BDA F3	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J04	SPIRE FPU PSW BDA F4	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J05	SPIRE FPU PSW BDA F5	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J06	SPIRE FPU PSW BDA F6	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J07	SPIRE FPU PMW BDA F7	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J08	SPIRE FPU PMW BDA F8	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J09	SPIRE FPU PMW BDA F9	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J10	SPIRE FPU PMW BDA F10	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J11	SPIRE FPU PLW BDA F11	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J12	SPIRE FPU PLW BDA F12	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J13	SPIRE FPU SSW BDA F13	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J14	SPIRE FPU SSW BDA F14	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J15	SPIRE FPU SLW BDA F15	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 J17	SPIRE FPU Shutter (C10)	MWDM2L-15S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J18	SPIRE FPU Shutter (C12)	MWDM2L-15P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J19	SPIRE FPU Filter Cooler (C10)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J20	SPIRE FPU Filter Cooler (C12)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J21	SPIRE FPU Filter Spect. Stim. (C10)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J22	SPIRE FPU Filter Spect. Stim. (C12)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J23	SPIRE FPU Filter Termometry (C10)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J24	SPIRE FPU Filter Termometry (C12)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J25	SPIRE FPU Filter BSM Phot. Stim. (C11)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J26	SPIRE FPU Filter BSM Phot. Stim (C13)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J27	SPIRE FPU Filter SMEC Lau/Ther (C11)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J28	SPIRE FPU Filter SMEC Lau/Ther (C13)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J29	SPIRE FPU Filter SMEC Contr. (C11)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 J30	SPIRE FPU Filter SMEC Contr. (C13)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P01	SPIRE FPU PSW BDA F1	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P02	SPIRE FPU PSW BDA F2	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P03	SPIRE FPU PSW BDA F3	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P04	SPIRE FPU PSW BDA F4	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P05	SPIRE FPU PSW BDA F5	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P06	SPIRE FPU PSW BDA F6	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P07	SPIRE FPU PMW BDA F7	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P08	SPIRE FPU PMW BDA F8	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P09	SPIRE FPU PMW BDA F9	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P10	SPIRE FPU PMW BDA F10	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P11	SPIRE FPU PLW BDA F11	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P12	SPIRE FPU PLW BDA F12	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P13	SPIRE FPU SSW BDA F13	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P14	SPIRE FPU SSW BDA F14	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSFPU	121100 P15	SPIRE FPU SLW BDA F15	tbid	Box	N/A	2F/Sig Ha FPU Internal	DR
HSJFP	121210 J01	SPIRE Bolom. Sign. from HSJFP1 (C9)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J02	SPIRE Bolom. Sign. from HSJFP1 (C9)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J03	SPIRE Bolom. Sign. from HSJFP2 (C9)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J04	SPIRE Bolom. Sign. from HSJFP2 (C9)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J05	SPIRE Bolom. Sign. from HSJFP3 (C8)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J06	SPIRE Bolom. Sign. from HSJFP3 (C8)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J07	SPIRE Bolom. Sign. from HSJFP4 (C8)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J08	SPIRE Bolom. Sign. from HSJFP4 (C8)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J09	SPIRE Bolom. Sign. from HSJFP5 (C7)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J10	SPIRE Bolom. Sign. from HSJFP5 (C7)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J11	SPIRE Bolom. Sign. from HSJFP6 (C7)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J12	SPIRE Bolom. Sign. from HSJFP6 (C7)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J13	SPIRE Bolom. Sign. from HSJFP7 (C6)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR

Item
Connector List

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HSJFP	121210 J14	SPIRE Bolom. Sign. from HSJFP7 (C6)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J15	SPIRE Bolom. Sign. from HSJFP8 (C6)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J16	SPIRE Bolom. Sign. from HSJFP8 (C6)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J17	SPIRE Bolom. Sign. from HSJFP9 (C5)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J18	SPIRE Bolom. Sign. from HSJFP9 (C5)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J19	SPIRE Bolom.r Sign. from HSJFP10 (C5)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J20	SPIRE Bolom. Sign. from HSJFP10 (C5)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J21	SPIRE Bolom. Sign. from HSJFP11 (C4)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J22	SPIRE Bolom. Sign. from HSJFP11 (C4)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J23	SPIRE Bolom. Sign. from HSJFP12 (C4)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J24	SPIRE Bolom. Sign. from HSJFP12 (C4)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J25	SPIRE PSW A /Heater A HSJFP (C3)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J26	SPIRE PSW B / Heater B HSJFP (C3)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J27	SPIRE PMW A /PLW A HSJFP (C3)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 J28	SPIRE PMW B / PLW B HSJFP (C3)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 J01	SPIRE Bolom. Sign. from HSJFS (C2)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 J02	SPIRE Bolom. Sign. from HSJFS (C2)	MWDM2L-25P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 J03	SPIRE Bolom. Sign. from HSJFS (C2)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 J04	SPIRE Bolom. Sign. from HSJFS (C2)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 J05	SPIRE Bolom. Ch 1-12 HSJFS (C1)	MWDM2L-25P-6C3-630	Box	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 J06	SPIRE Bolom. Ch 13-24 HSJFS (C1)	MWDM2L-25S-6C3-630	Box	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 J07	SPIRE Bolom.?????	TBD	Box	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 J08	SPIRE Bolom. ?????	TBD	Box	TBD	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 J09	SPIRE LWA B/JF SWA B/JF, HtrA (C1)	MWDM2L-37S-6C3-630	Box	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 J10	SPIRE LWB B/JF SWB B/JF, HtrB (C1)	MWDM2L-37S-6C3-630	Box	TBD	2C/Sig Ha FPU-FTH	+ DR
HS SVM Units (Item Code: 122*)							
HSDPU	122100 J01	DPU PDU Prim Pwr NOM (T3)	DEM-09P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HSDPU	122100 J02	DPU PDU Prim Pwr RED (T5)	DEM-09P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HSDPU	122100 J03	DPU Bus A 1553 IF NOM (T1) Spl to J5	DEM-09S-NMB	Box	N/A	2S/Sig Ha fr S/C C/O	DR
HSDPU	122100 J04	DPU Bus B 1553 IF RED (T2) Spl to J6	DEM-09S-NMB	Box	N/A	2S/Sig Ha fr S/C C/O	DR
HSDPU	122100 J05	DPU BUS A 1553 IF NOM (T1) Spl to J3	DEM-09S-NMB	Box	N/A	2S/Sig Ha fr S/C C/O	DR
HSDPU	122100 J06	DPU Bus B 1553 IF RED (T2) Spl to J4	DEM-09S-NMB	Box	N/A	2S/Sig Ha fr S/C C/O	DR
HSDPU	122100 J07	DPU DCU Ser I/F Prime	DBM-25P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 J08	DPU MCU Ser I/F Prime	DBM-25P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 J09	DPU SCU Ser I/F Prime	DBM-25P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 J10	DPU DCU Ser I/F RED	DBM-25P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 J11	DPU MCU Ser I/F RED	DBM-25P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 J12	DPU SCU Ser I/F RED	DBM-25P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 P01	DPU PDU Prim Pwr NOM (T3)	DEM-09S-NMB	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HSDPU	122100 P02	DPU PDU Prim Pwr RED (T5)	DEM-09S-NMB	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HSDPU	122100 P03	DPU Bus A 1553 IF NOM (T1) Spl to J5	DEM-09P-NMB	Box	TBD	2S/Sig Ha fr S/C C/O	DR
HSDPU	122100 P04	DPU Bus B 1553 IF RED (T2) Spl to J6	DEM-09P-NMB	Box	TBD	2S/Sig Ha fr S/C C/O	DR
HSDPU	122100 P05	DPU BUS A 1553 IF NOM (T1) Spl to J3	DEM-09P-NMB	Box	TBD	2S/Sig Ha fr S/C C/O	DR
HSDPU	122100 P06	DPU Bus B 1553 IF RED (T2) Spl to J4	DEM-09P-NMB	Box	TBD	2S/Sig Ha fr S/C C/O	DR
HSDPU	122100 P07	DPU DCU Ser I/F Prime	DBM-25S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 P08	DPU MCU Ser I/F Prime	DBM-25S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 P09	DPU SCU Ser I/F Prime	DBM-25S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 P10	DPU DCU Ser I/F RED	DBM-25S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 P11	DPU MCU Ser I/F RED	DBM-25S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSDPU	122100 P12	DPU SCU Ser I/F RED	DBM-25S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 J01	SPIRE FCU CMD IF SCU PR (W3)	DBM-25S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 J02	SPIRE FCU CMD IF SCU RE (W4)	DBM-25S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 J03	SPIRE FCU CMD IF MCU PR (W5)	DBM-25S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 J04	SPIRE FCU Cmd IF MCU RE (W6)	DBM-25S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 J05	SPIRE FCU Prim Pwr Nom from S/C (T4)	tbd	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HSFCU	122200 J06	SPIRE FCU Prim Pwr Red from S/C (T6)	DEM-09P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HSFCU	122200 J07	SPIRE FCU no infos ?????	tbd	Box	N/A	9-/not known	DR
HSFCU	122200 J08	SPIRE FCU no infos ?????	tbd	Box	N/A	9-/not known	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HSFCU	122200 J09	SPIRE FCU Sec Pwr Nom from DCU (W7)	DBM-25P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 J10	SPIRE FCU Sec Pwr Red from DCU (W8)	DBM-25P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 J11	SPIRE FCU Cooler NO (I10)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J12	SPIRE FCU Cooler RE (I12)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J13	SPIRE FCU Stimulus NO (I10)	DEM-09S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J14	SPIRE FCU Stimulus RE (I13)	DEM-09S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J15	SPIRE FCU Shutter NO (I10)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J16	SPIRE FCU Shutter RE (I12)	DAM-15P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J17	SPIRE FCU SMEC Contr. NO (I11)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J18	SPIRE FCU SMEC Contr RE (I13)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J19	SPIRE FCU BSM NO (I11)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J20	SPIRE FCU BSM RE (I13)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J21	SPIRE FCU Temperatures NO (I11)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J22	SPIRE FCU Temperature (I13)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J23	SPIRE FCU Temp Sens A NO (I10)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J24	SPIRE FCU Temp Sens A RE (I12)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J25	SPIRE FCU Temp Sens B NO (I10)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J26	SPIRE FCU Temp Sens B (I12)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J27	SPIRE FCU Shutter EGSE NO (T7)	tbd	Box	N/A	2T/Sig Ha fr Testeq.	DR
HSFCU	122200 J28	SPIRE FCU Shutter EGSE RE (T8)	tbd	Box	N/A	2T/Sig Ha fr Testeq.	DR
HSFCU	122200 J29	SPIRE FCU SMEC Launch NO (I11)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 J30	SPIRE FCU SMEC Launch RE (I13)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P01	SPIRE FCU CMD IF SCU PR (W3)	DBM-25P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 P02	SPIRE FCU CMD IF SCU RE (W4)	DBM-25P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 P03	SPIRE FCU CMD IF MCU PR (W5)	DBM-25P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 P04	SPIRE FCU Cmd IF MCU RE (W6)	DBM-25P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 P05	SPIRE FCU Prim Pwr Nom from S/C (T4)	tbd	Box	TBD	1S/Pwr Harn fr S/C C/O	DR
HSFCU	122200 P06	SPIRE FCU Prim Pwr Red from S/C (T6)	DEM-09S-NMB	Box	TBD	1S/Pwr Harn fr S/C C/O	DR
HSFCU	122200 P07	SPIRE FCU no infos ?????	tbd	Box	TBD	9-/not known	DR
HSFCU	122200 P08	SPIRE FCU no infos ?????	tbd	Box	TBD	9-/not known	DR
HSFCU	122200 P09	SPIRE FCU Sec Pwr Nom from DCU (W7)	DBM-25S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 P10	SPIRE FCU Sec Pwr Red from DCU (W8)	DBM-25S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSFCU	122200 P27	SPIRE FCU Shutter EGSE NO (T7)	tbd	Box	TBD	2T/Sig Ha fr Testeq.	DR
HSFCU	122200 P28	SPIRE FCU Shutter EGSE RE (T8)	tbd	Box	TBD	2T/Sig Ha fr Testeq.	DR
HSDCU	122300 J01	DCU DPU Cmd IF P (W1)	DBM-25S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDCU	122300 J02	DCU DPU Cmd IF R (W2)	DBM-25S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDCU	122300 J03	DCU FCU Sec Pwr P (W7)	DBM-25S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDCU	122300 J04	DCU FCU Sec Pwr R (W8)	DBM-25S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HSDCU	122300 J05	DCU JFP Ch 1-16 PMW (I9)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J06	DCU JFP Ch 17-32 PMW (I9)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J07	DCU JFP Ch 33-48 PMW (I9)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J08	SPIRE DCU Ch 1-16 PMW (I8)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J09	SPIRE DCU CH 17-32 PMW (I8)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J10	SPIRE DCU Ch 33-48 PMW (I8)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J11	SPIRE DCU Ch 1-16 PMW (I7)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J12	SPIRE DCU Ch 17-32 PMW (I7)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J13	SPIRE DCU Ch 33-48 PMW (I7)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J14	SPIRE DCU Ch 1-16 PMW (I6)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J15	SPIRE DCU Ch 17-32 PMW (I6)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J16	SPIRE DCU Ch 33-48 PMW (I6)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J17	SPIRE DCU Ch 1-16 PMW (I5)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J18	SPIRE DCU Ch 17-32 PMW (I5)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J19	SPIRE DCU Ch 33-48 PMW (I5)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J20	SPIRE DCU Ch 1-16 PMW (I4)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J21	SPIRE DCU Ch 17-32 PMW (I4)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J22	SPIRE DCU Ch 33-48 PMW (I4)	DDM-50P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J23	SPIRE DCU Ch 1-12 SSW Bolom. (I2)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J24	SPIRE DCU Ch 13-24 SSW Bolom. (I2)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HSDCU	122300 J25	SPIRE DCU Ch 25-36 SSW Bolom. (I2)	DCM-37P-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J26	SPIRE DCU Ch 37-44 SSW Bolom. (I2)	DCM-37P-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J27	DCU JFS Ch 1-12 SLW Bolom. (I1)	DCM-37P-NMB	Box	NVA	2B/Sig Ha Box-SVMCB +	DR
HSDCU	122300 J28	DCU JFS Ch 13-24 SLW Bolom. (I1)	DCM-37P-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J29	SPIRE DCU PSW J Pwr Bias Htr (I3)	DCM-37S-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J30	SPIRE DCU PSW J Pwr Bias Htr (I3)	DCM-37S-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J31	SPIRE DCU MW/LW J Pwr Bi Te bi (I3)	DCM-37S-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J32	SPIRE DCU MW/LW JPwr Bi Te C Bi (I3)	DCM-37S-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J33	DCU JFS Spect Bias A (I1)	DCM-37S-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 J34	DCU JFS Spect Bias B (I1)	DCM-37S-NMB	Box	NVA	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P01	DCU DPU Cmd IF P (W1)	DBM-25P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSDCU	122300 P02	DCU DPU Cmd IF R (W2)	DBM-25P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSDCU	122300 P03	DCU FCU Sec Pwr P (W7)	DBM-25P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HSDCU	122300 P04	DCU FCU Sec Pwr R (W8)	DBM-25P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR

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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
PACS (Item Code: 13*)							
HP Units CVV IO (Item Code: 131*)							
HPFPU	131100 J01	FPU MEC1 Filter Wh1 NO (77-81)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J02	FPU MEC2 Filter Wh1 RE (82-86)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J03	FPU MEC1 Filter Wh2 NO (87-91)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J04	FPU MEC2 Filter Wh2 RE (92-96)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J05	FPU MEC1 CalSrc 1/2 NO (117-119)	MWDM2L-15S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J06	FPU MEC2 CalSrc 1/2 RE (120-122)	MWDM2L-15S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J07	FPU MEC1 Chopper PR (113-116)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J08	FPU MEC1 TeSens T1/T2 (123)	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J09	FPU MEC2 TeSens T3/T4 (124)	MWDM2L-09S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J10	FPU DEC2 DeSupBia G1(1-3)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J11	FPU DEC2 CRE Bias Sup G1(013)	MWDM2L-15S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J12	FPU DEC2 CRE Out a G1 (17-23)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J13	FPU DEC2 CRE Out b G1 (24-31)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J14	FPU DEC2 TeSenHtrG1/2 (75)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J15	FPU DEC2 DB1CRE Out b G2 (39-45)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J16	FPU DEC2 CRE Out a G2 (32-38)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J17	FPU DEC2 DB1 CRE Bias Sup G2 (4)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J18	FPU DEC2 DB1 Ge De cSup Bia G2 (4-6)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J20	FPU DEC1 DB2 Ge De Sup Bia G3 (7-9)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J21	FPU DEC1 DB2 CRE Bia Sup G3 (15)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J22	FPU DEC1 DB2 CRE Out a G3 (46-52)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J23	FPU DEC1 DB2 CRE Out b Sup G3 (53-60)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J24	FPU DEC1 DB2 TeSensHtr G3/4 (76)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J25	FPU DEC1 DB2 CRE Out b G4 (68-74)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J26	FPU DEC1 DB2 CRE Out a G4 (61-67)	MWDM2L-25S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J27	FPU DEC1 DB2 CRE Bias Sup G4 (16)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J28	FPU DEC1 DB2 GE De Sup Bia G4 (10-12)	MWDM2L-31S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J40	FPU MEC1 GratDrv NO (97-99)	MWDM2L-21S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J41	FPU MEC1 GratSens NO (100-104)	MWDM2L-21S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J42	FPU MEC2 GratDrv RE (105-107)	MWDM2L-21S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J43	FPU MEC2 GratSens RE (108-112)	MWDM2L-21S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J50	FPU BOLA CL01 Diff Out (501)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J51	FPU BOLA CL01 Diff Out (502)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J52	FPU BOLA Filter 1 (503-505)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J53	FPU BOLA CL02 Diff Out (506)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J54	FPU BOLA CL02 Diff Out (507)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J55	FPU BOLA Filter 2 (508-510)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J56	FPU BOLA CL03 Diff Out (511)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J57	FPU BOLA CL03 Diff Out (512)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J58	FPU BOLA Filter 3 (513-515)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J59	FPU BOLA CL04 Diff Out (516)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J60	FPU BOLA CL04 Diff Out (517)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J61	FPU BOLA Filter 4 (518-520)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J62	FPU BOLA CL05 Diff Out (521)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J63	FPU BOLA Filter 5 (522-524)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J64	FPU BOLA CL06 Diff Out (525)	MWDM2L-37P-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J65	FPU BOLA Filter 6 (526-528)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J66	FPU BOLC Heater/Cooler NO (541-544)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J67	FPU BOLC Heater/ Cooler RE (545-548)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J68	FPU BOLC Heater/Cooler NO (529-534)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPU	131100 J69	FPU BOLC Heater/Cooler RE (535-540)	MWDM2L-37S-6C3-630	Box	N/A	2C/Sig Ha FPU-FTH	DR
HPFPUT1	131111 J308	PACS Temp. Sensor T1 (FPU Harn)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPFPUT1	131111 P308	PACS Temp. Sensor T1 (FPU Harn)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPFPUT2	131112 J318	PACS Temp. Sensor T2 (FPU Harn)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPFPUT2	131112 P318	PACS Temp. Sensor T2 (FPU Harn)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HPFPUT3	131113 J309	PACS Temp. Sensor T3 (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPFPUT3	131113 P309	PACS Temp. Sensor T3 (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPFPUT4	131114 J319	PACS Temp. Sensor T4 (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPFPUT4	131114 P319	PACS Temp. Sensor T4 (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPCALS1	131121 J305	PACS Calibr. Source 1 (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPCALS1	131121 P305	PACS Calibr. Source 1 (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPCALS2	131122 J306	PACS Calibr. Source 2 (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPCALS2	131122 P306	PACS Calibr. Source 2 (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPCHOP	131130 J307	PACS Chopper (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPCHOP	131130 P307	PACS Chopper (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPFWHR1	131141 J301	PACS Filter Whr 1 (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPFWHR1	131141 J302	PACS Filter Whr 1 (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPFWHR1	131141 P301	PACS Filter Whr 1 (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPFWHR1	131141 P302	PACS Filter Whr 1 (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPFWHR2	131142 J303	PACS Filter Whr 2 (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPFWHR2	131142 J304	PACS Filter Whr 2 (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPFWHR2	131142 P303	PACS Filter Whr 2 (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPFWHR2	131142 P304	PACS Filter Whr 2 (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPGRAT	131150 J308	PACS Grating ??? Nom (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPGRAT	131150 J309	PACS Grating ??? Red (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPGRAT	131150 J310	PACS Grating ??? Nom (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPGRAT	131150 J311	PACS Grating??? RED (FPU harm)	Box Responsible Pin	Box	N/A	2F/Sig Ha FPU Internal	DR
HPGRAT	131150 P308	PACS Grating ??? Nom (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPGRAT	131150 P309	PACS Grating ??? Red (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPGRAT	131150 P310	PACS Grating ??? Nom (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPGRAT	131150 P311	PACS Grating??? RED (FPU harm)	Box Responsible Socket	Box	TBD	2F/Sig Ha FPU Internal	DR
HPBOLA	131200 J01	BOLA FPU CL01 Diff IN (501)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J02	BOLA FPU CL01 Diff IN (502)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J03	BOLA FPU Filter 1 (503..505)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J04	BOLA FPU CL02 Diff IN (506)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J05	BOLA FPU CL02 Diff IN (507)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J06	BOLA FPU Filter 2 (508..510)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J07	BOLA FPU CL03 Diff IN (511)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J08	BOLA FPU CL03 Diff IN (512)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J09	BOLA FPU Filter 3 (513-515)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J10	BOLA FPU CL04 Diff IN (516)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J11	BOLA FPU CL04 Diff IN (517)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J12	BOLA FPU Filter 4 (518-520)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J13	BOLA FPU CL05 Diff IN (521)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J14	BOLA FPU Filter 5 (522-524)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J15	BOLA FPU CL06 Diff IN (525)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J16	BOLA FPU Filter 6 (526-528)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J17	BOLA BOLC FPU CL01 Read Out (601)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J18	BOLA BOLC FPU CL01 Read Out (602)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J19	BOLA BOLC FPU Bias 1 (603a,603..605)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J20	BOLA BOLC FPU CL02 Read Out (606)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J21	BOLA BOLC FPU CL02 Read Out (607)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J22	BOLA BOLC FPU Bias 2 (608a,608..610)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J23	BOLA BOLC FPU CL03 Read Out (611)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J24	BOLA BOLC FPU CL03 Read Out (612)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J25	BOLA BOLC FPU Bias 3 (613a,613..615)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J26	BOLA BOLC FPU CL04 Read Out (616)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J27	BOLA BOLC FPU CL04 Read Out (617)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J28	BOLA BOLC FPU Bias 4 (618a,618..620)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J29	BOLA BOLC FPU CL05 Read Out (621)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J30	BOLA BOLC FPU Bias 5 (622a,622..624)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HPBOLA	131200 J31	BOLA BOLC FPU CL06 Read Out (625)	MWDM2L-37P-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 J32	BOLA BOLC FPU Bias 6 (626a,626..628)	MWDM2L-37S-6C3-630	Box	N/A	2I/Sig Ha FTH-SVMCB	DR
HP SVM Units (Item Code: 132*)							
HPDECMC	132100 J01	MEC1 DPU com NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J02	MEC1 SPU1 Blue data OUT NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J03	MEC1 SPU1 Red data out NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J04	MEC1 BOLC data NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J05	MEC1 DEC1 data (1355) NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J06	MEC1 DEC2 data (1355) NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J07	MEC1 DEC1 sync NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J08	MEC1 DEC2 sync NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J09	MEC1 BOLC sync NO	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J10	MEC1 SPU1 HK NO	MWDM2L-15P-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J11	MEC1 FPU GratDrv NO (97-99)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J12	MEC1 FPU GratSens NO (100-104)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J13	MEC1 FPU Filterwh 1 NO (77-81)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J14	MEC1 FPU Filterwh 2 NO (87-91)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J15	MEC1 FPU Cal Src NO (117-119)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J16	MEC1 FPU T1/T2 NO (123)	DEM-09S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J17	MEC1 FPU Chopper In (113-116)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J18	MEC1 MEC2 Chopper Out NO ???	Not known Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 J20	MEC1 DSP Test ???	Not known Pin	Box	N/A	2T/Sig Ha fr Testeq.	DR
HPDECMC	132100 J21	MEC1 MECH Test NO ???	Not known Pin	Box	N/A	2T/Sig Ha fr Testeq.	DR
HPDECMC	132100 J51	DEC1 FPU DB2 DCSup Bia G3 (8,9)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J53	DEC1 FPU DB2 LogSig G3 (7)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J55	DEC1 FPU DB1 Clk,Sy,Outa G3 (15a,46-52)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J57	DEC1 FPU DB2 Clk,Sy,Outb G3 (15b,53-60)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J62	DEC1 FPU DB1 DcSup,Bia G4 (11,12)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J64	DEC1 FPU DB1 LogSig G4 (10)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J66	DEC1 FPU DB1 Clk,Sy,Outa G4 (16a,61-67)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J68	DEC1 FPU DB1 Clk,Sy,Outb G4 (16b,68-74)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 J78	DEC1 FPU TeSens,Htr G3/4 (76)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P01	MEC1 DPU com NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P02	MEC1 SPU1 Blue data OUT NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P03	MEC1 SPU1 Red data out NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P04	MEC1 BOLC data NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P05	MEC1 DEC1 data (1355) NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P06	MEC1 DEC2 data (1355) NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P07	MEC1 DEC1 sync NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P08	MEC1 DEC2 sync NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P09	MEC1 BOLC sync NO	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P10	MEC1 SPU1 HK NO	MWDM2L-15S-6C3-630	H/N	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P18	MEC1 MEC2 Chopper Out NO ???	Not known Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132100 P20	MEC1 DSP Test ???	Not known Socket	Box	TBD	2T/Sig Ha fr Testeq.	DR
HPDECMC	132100 P21	MEC1 MECH Test NO ???	Not known Socket	Box	TBD	2T/Sig Ha fr Testeq.	DR
HPDECMC	132200 J01	MEC2 DPU com RE	DEM-09P-NMB	Box	N/A	2S/Sig Ha fr S/C C/O	DR
HPDECMC	132200 J02	MEC2 SPU2 Blue data out RE	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J03	MEC2 SPU2 Red data out RE	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J04	MEC2 BOLC data RE	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J05	MEC2 DEC1 data RE	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J06	MEC2 DEC2 data RE	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J07	MEC2 DEC1 sync RE	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J08	PACS MEC2 DEC2 sync RE	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J09	PACS MEC2 BOLC sync RE	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J10	MEC2 SPU2 HK RE	MWDM2L-15P-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J11	MEC2 FPU GratDrv RE (105..107)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J12	MEC2 FPU GratSens RE (108..112)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR

Item
Connector List

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HPDECMC	132200 J13	MEC2 FPU Filterwh 1 RE (82..86)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J14	MEC2 FPU Filterwh 2 RE (92-96)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J15	MEC2 FPU CalSrc RE (120-122)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J16	MEC2 FPU T3/T4 RE (124)	DEM-09S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J17	PACS MEC2 MEC1Chop In ?????	DCM-37S-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J18	MEC2 Chop Out not used	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 J20	MEC2 DSP Test ? RE	Not known Pin	Box	N/A	2T/Sig Ha fr Testeq.	DR
HPDECMC	132200 J21	MEC2 MECH Test RE	Not known Pin	Box	N/A	2T/Sig Ha fr Testeq.	DR
HPDECMC	132200 J51	DEC2 FPU DB1 DCsup Bia G1 (2,3)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J53	DEC2 FPU DB1 Log Sig (1)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J55	DEC2 FPU DB1 Clk,Sy,Outa G1 (13a,17-23)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J57	DEC2 FPU DB1 Clk,Sy,Outb G1 (13b,24-31)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J62	DEC2 FPU DB1 DcSup Bia G2 (5,6)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J64	DEC2 FPU DB1 Log Sig G2 (4)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J66	DEC2 FPU DB1Clk,Sy,Out G2 (14a,32-38)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J68	DEC2 FPU DB1 Clk/Sy/Outb G2 (14b,39-45)	DBM-25S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 J78	DEC2 FPU DB1 Grp1/2 Te Sens (75)	DAM-15S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P01	MEC2 DPU com RE	DEM-09S-NMB	Box	TBD	2S/Sig Ha fr S/C C/O	DR
HPDECMC	132200 P02	MEC2 SPU2 Blue data out RE	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P03	MEC2 SPU2 Red data out RE	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P04	MEC2 BOLC data RE	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P05	MEC2 DEC1 data RE	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P06	MEC2 DEC2 data RE	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P07	MEC2 DEC1 sync RE	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P08	PACS MEC2 DEC2 sync RE	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P09	PACS MEC2 BOLC sync RE	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P10	MEC2 SPU2 HK RE	MWDM2L-15S-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P17	PACS MEC2 MEC1Chop In ?????	DCM-37P-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P18	MEC2 Chop Out not used	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDECMC	132200 P20	MEC2 DSP Test ? RE	Not known Socket	Box	TBD	2T/Sig Ha fr Testeq.	DR
HPDECMC	132200 P21	MEC2 MECH Test RE	Not known Socket	Box	TBD	2T/Sig Ha fr Testeq.	DR
HPBOLC	132300 J01	BOLC BOLA FPU CL01 Read Out (601)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J02	BOLC BOLA FPU CL01 Read Out (602)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J03	BOLC BOLA Bias 1 (603a,603..605)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J04	BOLC BOLA FPU CL02 Read Out (606)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J05	BOLC BOLA FPU CL02 Read Out (607)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J06	BOLC BOLA Bias 2 (608a,608..610)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J07	BOLC BOLA FPU CL03 Read Out (611)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J08	BOLC BOLA FPU CL03 Read Out (612)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J09	BOLC BOLA Bias 3 (613a,613..615)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J10	BOLC BOLA FPU CL04 Read Out (616)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J11	BOLC BOLA FPU CL04 Read Out (617)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J12	BOLC BOLA FPU Bias 4 (618a,618..620)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J13	BOLC BOLA FPU CL05 Read Out (621)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J14	BOLC BOLA FPU Bias 5 (622a,622..624)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J15	BOLC BOLA FPU CL06 Read Out (625)	DCM-37P-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J16	BOLC BOLA FPU Bias 6 (626a,626..628)	DCM-37S-NMB	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J17	BOLC FPU Htr/Cooler NO (529-34,541-544)	HDMA-62 P	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J18	BOLC FPU Htr/Cooler RE (535-540,545-548)	HDMA-62 P	Box	N/A	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 J21	BOLC DEC/MEC Syn./Chop. MAIN ?	Box Responsible Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 J22	BOLC DEC/MEC Syn./Chop. RED?	Box Responsible Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 J23	BOLC DEC/MEC 1355 MAIN	Box Responsible Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 J24	BOLC DEC/MEC 1355 RED	Box Responsible Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 J25	BOLC Prim Pwr NOM	Box Responsible Pin	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HPBOLC	132300 J26	BOLC Prim Pwr RED	Box Responsible Pin	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HPBOLC	132300 J27	BOLC Sec Pwr NOM Out	Box Responsible Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR

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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HPBOLC	132300 J28	BOLC Sec Pwr RE Out	Box Responsible Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 J29	BOLC Sec Pwr NOM In	Box Responsible Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 J30	BOLC Sec Pwr RE In	Box Responsible Pin	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 P21	BOLC DEC/MEC Syn./Chop. MAIN ?	Box Responsible Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 P22	BOLC DEC/MEC Syn./Chop. RED?	Box Responsible Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 P23	BOLC DEC/MEC 1355 MAIN	Box Responsible Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 P24	BOLC DEC/MEC 1355 RED	Box Responsible Socket	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HPBOLC	132300 P25	BOLC Prim Pwr NOM	Box Responsible Socket	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HPBOLC	132300 P26	BOLC Prim Pwr RED	Box Responsible Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 P27	BOLC Sec Pwr NOM Out	Box Responsible Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 P28	BOLC Sec Pwr RE Out	Box Responsible Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 P29	BOLC Sec Pwr NOM In	Box Responsible Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPBOLC	132300 P30	BOLC Sec Pwr RE In	Box Responsible Socket	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 J01	DPU Prim Pwr NO	DAM-15P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HPDPU	132400 J02	DPU OBDH Bus NO	DAM-15P-NMB	Box	N/A	2S/Sig Ha fr S/C C/O	DR
HPDPU	132400 J03	DPU Prim Pwr RE	DEM-09P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HPDPU	132400 J04	DPU OBDH Bus RE	DEM-09S-NMB	Box	N/A	2S/Sig Ha fr S/C C/O	DR
HPDPU	132400 J05	DPU SPU Blue Data IN PR	DAM-15P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 J06	DPU SPU Red Data IN PR	DAM-15P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 J07	DPU DEC/MEC com PR	DEM-09P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 J08	DPU SPU Blue Data IN RE	DEM-09P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 J09	DPU SPU Red Data IN RE	DEM-09P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 J10	DPU DEC/MEC com RE	DEM-09P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 P01	DPU Prim Pwr NO	DAM-15S-NMB	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HPDPU	132400 P02	DPU OBDH Bus NO	DAM-15S-NMB	Box	TBD	2S/Sig Ha fr S/C C/O	DR
HPDPU	132400 P03	DPU Prim Pwr RE	DEM-09S-NMB	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HPDPU	132400 P04	DPU OBDH Bus RE	DEM-09P-NMB	Box	TBD	2S/Sig Ha fr S/C C/O	DR
HPDPU	132400 P05	DPU SPU Blue Data IN PR	DAM-15S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 P06	DPU SPU Red Data IN PR	DAM-15S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 P07	DPU DEC/MEC com PR	DEM-09S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 P08	DPU SPU Blue Data IN RE	DEM-09S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 P09	DPU SPU Red Data IN RE	DEM-09S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPDPU	132400 P10	DPU DEC/MEC com RE	DEM-09S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J11	SPU1 Prim Pwr NO	DEM-09P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HPSPU1	132500 J13	SPU1 ANA HK NO	DAM-15P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J21	SPU1 1355 SWL LINK 1	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J22	SPU1 1355 SWL LINK 2	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J23	SPU1 1355 SWL LINK 3	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J24	SPU1 JTAG SWL	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J31	SPU1 1355 LWL LINK 1	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J32	SPU1 1355 LWL LINK 2	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J33	SPU1 1355 LWL LINK 3	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 J34	SPU1 JTAG LWL	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P11	SPU1 Prim Pwr NO	DEM-09S-NMB	Box	TBD	1S/Pwr Ham fr S/C C/O	DR
HPSPU1	132500 P13	SPU1 ANA HK NO	DAM-15S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P21	SPU1 1355 SWL LINK 1	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P22	SPU1 1355 SWL LINK 2	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P23	SPU1 1355 SWL LINK 3	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P24	SPU1 JTAG SWL	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P31	SPU1 1355 LWL LINK 1	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P32	SPU1 1355 LWL LINK 2	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P33	SPU1 1355 LWL LINK 3	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU1	132500 P34	SPU1 JTAG LWL	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 J11	SPU2 Prim Pwr RE	DEM-09P-NMB	Box	N/A	1S/Pwr Ham fr S/C C/O	DR
HPSPU2	132600 J13	SPU2 ANA HK RE	DAM-15P-NMB	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 J21	SPU2 1355 SWL LINK 1	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 J22	SPU2 1355 SWL LINK 2	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 J23	SPU2 1355 SWL LINK 3	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 J24	SPU2 JTAG SWL	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR

Item Connector List

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HPSPU2	132600 J31	SPU2 1355 LWL LINK 1	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 J32	SPU2 1355 LWL LINK 2	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 J33	SPU2 1355 LWL LINK 3	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 J34	SPU2 JTAG LWL	MWDM2L-09S-6C3-630	Box	N/A	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P11	SPU2 Prim Pwr RE	DEM-09S-NMB	Box	TBD	1S/Pwr Harn fr S/C C/O	DR
HPSPU2	132600 P13	SPU2 ANA HK RE	DAM-15S-NMB	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P21	SPU2 1355 SWL LINK 1	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P22	SPU2 1355 SWL LINK 2	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P23	SPU2 1355 SWL LINK 3	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P24	SPU2 JTAG SWL	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P31	SPU2 1355 LWL LINK 1	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P32	SPU2 1355 LWL LINK 2	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P33	SPU2 1355 LWL LINK 3	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR
HPSPU2	132600 P34	SPU2 JTAG LWL	MWDM2L-09P-6C3-630	Box	TBD	2P/Sig Ha on SVM Pan	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HH (Item Code: 11*)							
HH Units CVW IO (Item Code: 111*)							
<i>HARNESSES</i>							
HHFPU	111100 P01	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P02	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P03	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P04	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P05	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P06	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P07	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P08	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P09	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P10	HIFI FPU ???	Not known Socket	H/N	TBD	9-/not known	
HHFPU	111100 P11A	HIFI FPU Mixer Bias 1 Hor.1	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 P11B	HIFI FPU Mixer Bias 2 Hor.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P11C	HIFI FPU Mixer Bias 3 Hor.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P11D	HIFI FPU Mixer Bias 4 Hor.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 P11E	HIFI FPU Mixer Bias 5 Hor.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P11F	HIFI FPU Mixer Bias 6 Hor.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P11G	HIFI FPU Mixer 7 Hor.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P12A	HIFI FPU Mag., Htr, Therm Hor J12A	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P12B	HIFI FPU Mag., Htr, Therm Hor J12B	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 P12C	HIFI FPU Mag., Htr, Therm Hor J12C	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P12D	HIFI FPU Mag., Htr, Therm Hor J12D	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P12E	HIFI FPU Mag., Htr, Therm Hor J12E	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P12F	HIFI FPU Mag., Htr, Therm Hor J12F	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P12G	HIFI FPU Mag., Htr, Therm Hor J12G	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P14A	HIFI FPU 1. IF Ampl. Hor. J14A	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P14B	HIFI FPU 1. IF Ampl. Hor. J14B	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P14C	HIFI FPU 1. IF Ampl. Hor. J14C	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P14D	HIFI FPU 1. IF Ampl. Hor. J14D	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P14E	HIFI FPU 1. IF Ampl. Hor. J14E	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 P14F	HIFI FPU 1. IF Ampl. Hor. J14F	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P14G	HIFI FPU 1. IF Ampl. 1 Hor. J14G	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P15A	HIFI FPU 2. IF Ampl. 2 Hor. J15A	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P15B	HIFI FPU 2. IF Ampl. 3 Hor. J15B	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P15C	HIFI FPU 2. IF Ampl. 4 Hor. J15C ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P15D	HIFI FPU 2. IF Ampl. 5 Hor. J15D ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P15E	HIFI FPU 2. IF Ampl. 6 Hor. J15E ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P15F	HIFI FPU 2. IF Ampl. 7 Hor. J15F ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P15G	HIFI FPU 2. IF Ampl. Hor. J15G ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P16A	HIFI FPU Chop. Cal. Term. J16A	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P16B	HIFI FPU Chop. Cal. Term. J16B	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P16C	HIFI FPU Chop. Cal. Term. J16C	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P17A	HIFI FPU Diplexer hor. J17A	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P17B	HIFI FPU Diplexer hor. J17B	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P17C	HIFI FPU Diplexer hor. J17C	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P17D	HIFI FPU Diplexer hor. J17D	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P17E	HIFI FPU Diplexer hor. J17E	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P21A	HIFI FPU Mixer Bias 1 Ver.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P21B	HIFI FPU Mixer Bias 2 Ver.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P21C	HIFI FPU Mixer Bias 3 Ver.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P21D	HIFI FPU Mixer Bias 4 Ver.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P21E	HIFI FPU Mixer Bias 5 Ver.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HHFPU	111100 P21F	HIFI FPU Mixer Bias 6 Ver.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P21G	HIFI FPU Mixer Bias 7 Ver.	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P22A	HIFI FPU Mag, Htr, Therm Ver J22A	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P22B	HIFI FPU Mag, Htr, Therm Ver J22B	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P22C	HIFI FPU Mag, Htr, Therm Ver J22C	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P22D	HIFI FPU Mag,Htr, Therm Ver J22D	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR

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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HHFPU	111100 P22E	HIFI FPU Mag, Htr, Therm Ver J22E	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P22F	HIFI FPU Mag, Htr, Therm Ver J22F	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P22G	HIFI FPU Mag, Htr, Therm Ver J22G	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P24A	HIFI FPU 1. IF Ampl. Ver J24A	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P24B	HIFI FPU 1. IF Ampl. Ver. J24B	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P24C	HIFI FPU 1. IF Ampl. Ver. J24C	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P24D	HIFI FPU 1. IF Ampl. Ver. J24D	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P24E	HIFI FPU 1. IF Ampl. Ver. J24E	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P24F	HIFI FPU 1. IF Ampl. Ver. J24F	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P24G	HIFI FPU 1. IF Ampl. Ver. J24G	MWDM2L-09S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P25A	HIFI FPU 2. IF Ampl. 1 Ver J25A	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P25B	HIFI FPU 2. IF Ampl. 2 Ver. J25B	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P25C	HIFI FPU 2. IF Ampl. 3 Ver. J25C ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P25D	HIFI FPU 2. IF Ampl. 4 Ver. J25D ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P25E	HIFI FPU 2. IF Ampl. 5 Ver. J25E ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P25F	HIFI FPU 2. IF Ampl. 6 Ver. J25F ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P25G	HIFI FPU 2. IF Ampl. 7 Ver. J25G ???	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P26A	HIFI FPU Chop. Cal. Therm. Red J26A	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P26B	HIFI FPU Chop. Cal. Therm. Red J26B	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P26C	HIFI FPU Chop. Cal. Therm. Red J26C	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P27A	HIFI FPU Diplexer ver. J27A	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P27B	HIFI FPU Diplexer ver. J27B	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P27C	HIFI FPU Diplexer ver. J27C	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P27D	HIFI FPU Diplexer ver. J27D	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHFPU	111100 P27E	HIFI FPU Diplexer ver. J27E	Not known Socket	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HHLOU	111200 P01	HIFI LOU ???? I a	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P02	HIFI LOA ???? I b	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P03	HIFI LOA ???? II a	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P04	HIFI LOA ???? II b	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P05	HIFI LOA ???? III a	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P06	HIFI LOA ???? III b	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P07	HIFI LOA ???? IV a	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P08	HIFI LOA ???? IV b	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P09	HIFI LOA ???? V a	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P10	HIFI LOA ???? V b	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P11	HIFI LOA ???? VI a	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P12	HIFI LOA ???? VI b	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P13	HIFI LOA ???? VI c	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P14	HIFI LOA ???? VI d	DDM-50P-NMB	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P15	HIFI LOA Heater 1 ????	Not known Socket	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLOU	111200 P16	HIFI LOA Heater 2 ????	Not known Socket	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHLWU	111400 P01	HIFI LWU	Not known Socket	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HH SVM Units (Item Code: 112*)							
HHLCU	112100 P01	HIFI LCU LOA Ia ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P02	HIFI LCU LOA Ib ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P03	HIFI LCU LOA Iia ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P04	HIFI LCU LOA Iib ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P05	HIFI LCU LOA IIIa ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P06	HIFI LCU LOA IIIb ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P07	HIFI LCU LOA Iva ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P08	HIFI LCU LOA Ivb ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P09	HIFI LCU LOA Va ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P10	HIFI LCU LOA Vb ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P11	HIFI LCU LOA Via ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P12	HIFI LCU LOA Vlb ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P13	HIFI LCU LOA Vic ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P14	HIFI LCU LOA Vid ???	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P15	HIFI LCU LOA Heater 1 ???	Not known Socket	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHLCU	112100 P16	HIFI LCU LOA Heater 2 ???	Not known Socket	H/N	TBD	2B/Sig Ha Box-SVMCB	DR

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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HHLCU	112100 P17	HIFI LCU ???	Not known Socket	H/N	TBD	9-/not known	
HHLCU	112100 P18	HIFI LCU ???	Not known Socket	H/N	TBD	9-/not known	
HHLCU	112100 P19	HIFI LCU ???	Not known Socket	H/N	TBD	9-/not known	
HHLCU	112100 P20	HIFI LCU ???	Not known Socket	H/N	TBD	9-/not known	
HHLCU	112100 P21	HIFI LCU ???	Not known Socket	H/N	TBD	9-/not known	
HHLCU	112100 P22	HIFI LCU ???	Not known Socket	H/N	TBD	9-/not known	
HHLCU	112100 P23	HIFI LCU ???	Not known Socket	H/N	TBD	9-/not known	
HHLCU	112100 P24	HIFI LCU ???	Not known Socket	H/N	TBD	9-/not known	
HHLSU	112200 P03	Waveguides ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P01	HIFI FCU J01 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P02	HIFI FCU J02 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P03	HIFI FCU J03 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P04	HIFI FCU J04 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P05	HIFI FCU J05 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P06	HIFI FCU J06 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P07	HIFI FCU J07 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P08	HIFI FCU J08 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P09	HIFI FCU J09 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P10	HIFI FCU J10 ???	Not known Socket	H/N	TBD	9-/not known	
HHFCU	112300 P11	HIFI FCU Mixer bias Horizontal	HDMA-44 S	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P12	HIFI FCU Magnets & Heaters Hor.	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P13	HIFI FCU Mixer Termistors Hor.	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P14	HIFI FCU 1. IF Ampl. Hor.	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P15	HIFI FCU 2. IF Ampl. Hor.	HDMA-62 P	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P16	HIFI FCU Chop. Cal. Therm. Prim.	HDMA-62 S	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P17	HIFI FCU Diplexer Hor.	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P21	HIFI FCU Mixer bias Ver.	HDMA-44 S	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P22	HIFI FCU Magnets & Heaters Ver.	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P23	HIFI FCU Mixer Thermistors Ver.	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P24	HIFI FCU 1. IF Ampl. Ver.	HDMA-44 P	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P25	HIFI FCU 2. IF Ampl. Ver.	HDMA-62 P	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P26	HIFI FCU Chop. Cal. Therm Red.	HDMA-62 S	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHFCU	112300 P27	HIFI FCU Diplexer Ver.	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB +	DR
HHHRI	112410 P01	HFI HRI Sec Pwr NOM ???	DEM-09S-NMB	H/N	TBD	9-/not known	
HHHRI	112410 P02	HIFI HRI Sec Pwr RED ???	DEM-09S-NMB	H/N	TBD	9-/not known	
HHHRI	112410 P03	HIFI HRI Control/HK NOM ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P04	HIFI HRI Control/HK RED ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P05	HIFI HRI IF Signals ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P06	HIFI HRI IF Signals ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P07	HIFI HRI IF Signals ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P08	HIFI HRI IF Signals ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P09	HIFI HRI IF Signals ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P10	HIFI HRI IF Signals ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P11	HIFI HRI IF Signals ???	Not known Socket	H/N	TBD	9-/not known	
HHHRI	112410 P12	HIFI HRI IF Signals ???	Not known Socket	H/N	TBD	9-/not known	
HHHRH	112420 P01	HIFI HRH ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P02	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P03	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P04	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P05	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P06	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P07	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P08	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P09	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P10	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P11	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P12	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	
HHHRV	112430 P13	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	

Astrium GmbH

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Item Connector List

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HHHRV	112430 P14	HIFI HRV ???	Not known Socket	H/N	TBD	9-/not known	

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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
<u>SPIRE (Item Code: 12*)</u>							
HS Units CVV IO (Item Code: 121*)							
HSFPU	121100 P17	SPIRE FPU Shutter (C10)	MWDM2L-15P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P18	SPIRE FPU Shutter (C12)	MWDM2L-15S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P19	SPIRE FPU Filter Cooler (C10)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P20	SPIRE FPU Filter Cooler (C12)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P21	SPIRE FPU Filter Spect. Stim. (C10)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P22	SPIRE FPU Filter Spect. Stim. (C12)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P23	SPIRE FPU Filter Termometry (C10)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P24	SPIRE FPU Filter Termometry (C12)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P25	SPIRE FPU Filter BSM Phot. Stim. (C11)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P26	SPIRE FPU Filter BSM Phot. Stim (C13)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P27	SPIRE FPU Filter SMEC Lau/Ther (C11)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P28	SPIRE FPU Filter SMEC Lau/Ther (C13)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P29	SPIRE FPU Filter SMEC Contr. (C11)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSFPU	121100 P30	SPIRE FPU Filter SMEC Contr. (C13)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P01	SPIRE Bolom. Sign. from HSJFP1 (C9)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P02	SPIRE Bolom. Sign. from HSJFP1 (C9)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P03	SPIRE Bolom. Sign. from HSJFP2 (C9)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P04	SPIRE Bolom. Sign. from HSJFP2 (C9)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P05	SPIRE Bolom. Sign. from HSJFP3 (C8)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P06	SPIRE Bolom. Sign. from HSJFP3 (C8)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P07	SPIRE Bolom. Sign. from HSJFP4 (C8)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P08	SPIRE Bolom. Sign. from HSJFP4 (C8)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P09	SPIRE Bolom. Sign. from HSJFP5 (C7)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P10	SPIRE Bolom. Sign. from HSJFP5 (C7)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P11	SPIRE Bolom. Sign. from HSJFP6 (C7)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P12	SPIRE Bolom. Sign. from HSJFP6 (C7)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P13	SPIRE Bolom. Sign. from HSJFP7 (C6)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P14	SPIRE Bolom. Sign. from HSJFP7 (C6)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P15	SPIRE Bolom. Sign. from HSJFP8 (C6)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P16	SPIRE Bolom. Sign. from HSJFP8 (C6)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P17	SPIRE Bolom. Sign. from HSJFP9 (C5)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P18	SPIRE Bolom. Sign. from HSJFP9 (C5)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P19	SPIRE Bolom. Sign. from HSJFP10 (C5)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P20	SPIRE Bolom. Sign. from HSJFP10 (C5)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P21	SPIRE Bolom. Sign. from HSJFP11 (C4)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P22	SPIRE Bolom. Sign. from HSJFP11 (C4)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P23	SPIRE Bolom. Sign. from HSJFP12 (C4)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P24	SPIRE Bolom. Sign. from HSJFP12 (C4)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P25	SPIRE PSW A /Heater A HSJFP (C3)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P26	SPIRE PSW B / Heater B HSJFP (C3)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P27	SPIRE PMW A /PLW A HSJFP (C3)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFP	121210 P28	SPIRE PMW B / PLW B HSJFP (C3)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 P01	SPIRE Bolom. Sign. from HSJFS (C2)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 P02	SPIRE Bolom. Sign. from HSJFS (C2)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 P03	SPIRE Bolom. Sign. from HSJFS (C2)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 P04	SPIRE Bolom. Sign. from HSJFS (C2)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 P05	SPIRE Bolom. Ch 1-12 HSJFS (C1)	MWDM2L-25S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 P06	SPIRE Bolom. Ch 13-24 HSJFS (C1)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 P07	SPIRE Bolom.?????	TBD	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 P08	SPIRE Bolom.?????	TBD	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HSJFS	121220 P09	SPIRE LWA B/JF SWA B/JF, HtrA (C1)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HSJFS	121220 P10	SPIRE LWB B/JF SWB B/JF, HtrB (C1)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	+ DR
HS SVM Units (Item Code: 122*)							
HSFCU	122200 P11	SPIRE FCU Cooler NO (I10)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P12	SPIRE FCU Cooler RE (I12)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR

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HSFCU	122200 P13	SPIRE FCU Stimulus NO (I10)	DEM-09P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P14	SPIRE FCU Stimulus RE (I13)	DEM-09P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P15	SPIRE FCU Shutter NO (I10)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P16	SPIRE FCU Shutter RE (I12)	DAM-15S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P17	SPIRE FCU SMEC Contr. NO (I11)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P18	SPIRE FCU SMEC Contr RE (I13)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P19	SPIRE FCU BSM NO (I11)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P20	SPIRE FCU BSM RE (I13)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P21	SPIRE FCU Temperatures NO (I11)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P22	SPIRE FCU Temperature (I13)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P23	SPIRE FCU Temp Sens A NO (I10)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P24	SPIRE FCU Temp Sens A RE (I12)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P25	SPIRE FCU Temp Sens B NO (I10)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P26	SPIRE FCU Temp Sens B (I12)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P29	SPIRE FCU SMEC Launch NO (I11)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSFCU	122200 P30	SPIRE FCU SMEC Launch RE (I13)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P05	DCU JFP Ch 1-16 PMW (I9)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P06	DCU JFP Ch 17-32 PMW (I9)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P07	DCU JFP Ch 33-48 PMW (I9)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P08	SPIRE DCU Ch 1-16 PMW (I8)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P09	SPIRE DCU Ch 17-32 PMW (I8)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P10	SPIRE DCU Ch 33-48 PMW (I8)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P11	SPIRE DCU Ch 1-16 PMW (I7)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P12	SPIRE DCU Ch 17-32 PMW (I7)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P13	SPIRE DCU Ch 33-48 PMW (I7)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P14	SPIRE DCU Ch 1-16 PMW (I6)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P15	SPIRE DCU Ch 17-32 PMW (I6)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P16	SPIRE DCU Ch 33-48 PMW (I6)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P17	SPIRE DCU Ch 1-16 PMW (I5)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P18	SPIRE DCU Ch 17-32 PMW (I5)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P19	SPIRE DCU Ch 33-48 PMW (I5)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P20	SPIRE DCU Ch 1-16 PMW (I4)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P21	SPIRE DCU Ch 17-32 PMW (I4)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P22	SPIRE DCU Ch 33-48 PMW (I4)	DDM-50S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P23	SPIRE DCU Ch 1-12 SSW Bolom. (I2)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P24	SPIRE DCU Ch 13-24 SSW Bolom. (I2)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P25	SPIRE DCU Ch 25-36 SSW Bolom. (I2)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P26	SPIRE DCU Ch 37-44 SSW Bolom. (I2)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P27	DCU JFS Ch 1-12 SLW Bolom. (I1)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P28	DCU JFS Ch 13-24 SLW Bolom. (I1)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P29	SPIRE DCU PSW J Pwr Bias Htr (I3)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P30	SPIRE DCU PSW J Pwr Bias Htr (I3)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P31	SPIRE DCU MW/LW J Pwr Bi Te bi (I3)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P32	SPIRE DCU MW/LW JPwr Bi Te C Bi (I3)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P33	DCU JFS Spect Bias A (I1)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSDCU	122300 P34	DCU JFS Spect Bias B (I1)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR

Astrium GmbH		Item Connector List	Doc.No. HP-2-ASED-IC-0001
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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
PACS (Item Code: 13*)							
HP Units CVV IO (Item Code: 131*)							
HPFFPU	131100 P01	FPU MEC1 Filter Wh1 NO (77-81)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P02	FPU MEC2 Filter Wh1 RE (82-86)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P03	FPU MEC1 Filter Wh2 NO (87-91)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P04	FPU MEC2 Filter Wh2 RE (92-96)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P05	FPU MEC1 CalSrc 1/2 NO (117-119)	MWDM2L-15P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P06	FPU MEC2 CalSrc 1/2 RE (120-122)	MWDM2L-15P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P07	FPU MEC1 Chopper PR (113-116)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P08	FPU MEC1 TeSens T1/T2 (123)	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P09	FPU MEC2 TeSens T3/T4 (124)	MWDM2L-09P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P10	FPU DEC2 DeSupBia G1(1-3)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P11	FPU DEC2 CRE Bias Sup G1(013)	MWDM2L-15P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P12	FPU DEC2 CRE Out a G1 (17-23)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P13	FPU DEC2 CRE Out b G1 (24-31)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P14	FPU DEC2 TeSenHtrG1/2 (75)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P15	FPU DEC2 DB1CRE Out b G2 (39-45)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P16	FPU DEC2 CRE Out a G2 (32-38)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P17	FPU DEC2 DB1 CRE Bias Sup G2 (4)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P18	FPU DEC2 DB1 Ge De cSup Bia G2 (4-6)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P20	FPU DEC1 DB2 Ge De Sup Bia G3 (7-9)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P21	FPU DEC1 DB2 CRE Bia Sup G3 (15)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P22	FPU DEC1 DB2 CRE Out a G3 (46-52)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P23	FPU DEC1 DB2 CRE Out b Sup G3 (53-60)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P24	FPU DEC1 DB2 TeSensHtr G3/4 (76)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P25	FPU DEC1 DB2 CRE Out b G4 (68-74)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P26	FPU DEC1 DB2 CRE Out a G4 (61-67)	MWDM2L-25P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P27	FPU DEC1 DB2 CRE Bias Sup G4 (16)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P28	FPU DEC1 DB2 GE De Sup Bia G4 (10-12)	MWDM2L-31P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P40	FPU MEC1 GratDrv NO (97-99)	MWDM2L-21P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P41	FPU MEC1 GratSens NO (100-104)	MWDM2L-21P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P42	FPU MEC2 GratDrv RE (105-107)	MWDM2L-21P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P43	FPU MEC2 GratSens RE (108-112)	MWDM2L-21P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P50	FPU BOLA CL01 Diff Out (501)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P51	FPU BOLA CL01 Diff Out (502)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P52	FPU BOLA Filter 1 (503-505)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P53	FPU BOLA CL02 Diff Out (506)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P54	FPU BOLA CL02 Diff Out (507)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P55	FPU BOLA Filter 2 (508-510)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P56	FPU BOLA CL03 Diff Out (511)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P57	FPU BOLA CL03 Diff Out (512)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P58	FPU BOLA Filter 3 (513-515)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P59	FPU BOLA CL04 Diff Out (516)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P60	FPU BOLA CL04 Diff Out (517)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P61	FPU BOLA Filter 4 (518-520)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P62	FPU BOLA CL05 Diff Out (521)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P63	FPU BOLA Filter 5 (522-524)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P64	FPU BOLA CL06 Diff Out (525)	MWDM2L-37S-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P65	FPU BOLA Filter 6 (526-528)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P66	FPU BOLC Heater/Cooler NO (541-544)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P67	FPU BOLC Heater/ Cooler RE (545-548)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P68	FPU BOLC Heater/Cooler NO (529-534)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPFFPU	131100 P69	FPU BOLC Heater/Cooler RE (535-540)	MWDM2L-37P-6C3-630	H/N	TBD	2C/Sig Ha FPU-FTH	DR
HPBOLA	131200 P01	BOLA FPU CL01 Diff IN (501)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P02	BOLA FPU CL01 Diff IN (502)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P03	BOLA FPU Filter 1 (503..505)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P04	BOLA FPU CL02 Diff IN (506)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HPBOLA	131200 P05	BOLA FPU CL02 Diff IN (507)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P06	BOLA FPU Filter 2 (508..510)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P07	BOLA FPU CL03 Diff IN (511)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P08	BOLA FPU CL03 Diff IN (512)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P09	BOLA FPU Filter 3 (513-515)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P10	BOLA FPU CL04 Diff IN (516)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P11	BOLA FPU CL04 Diff IN (517)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P12	BOLA FPU Filter 4 (518-520)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P13	BOLA FPU CL05 Diff IN (521)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P14	BOLA FPU Filter 5 (522-524)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P15	BOLA FPU CL06 Diff IN (525)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P16	BOLA FPU Filter 6 (526-528)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P17	BOLA BOLC FPU CL01 Read Out (601)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P18	BOLA BOLC FPU CL01 Read Out (602)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P19	BOLA BOLC FPU Bias 1 (603a,603..605)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P20	BOLA BOLC FPU CL02 Read Out (606)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P21	BOLA BOLC FPU CL02 Read Out (607)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P22	BOLA BOLC FPU Bias 2 (608a,608..610)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P23	BOLA BOLC FPU CL03 Read Out (611)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P24	BOLA BOLC FPU CL03 Read Out (612)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P25	BOLA BOLC FPU Bias 3 (613a,613..615)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P26	BOLA BOLC FPU CL04 Read Out (616)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P27	BOLA BOLC FPU CL04 Read Out (617)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P28	BOLA BOLC FPU Bias 4 (618a,618..620)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P29	BOLA BOLC FPU CL05 Read Out (621)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P30	BOLA BOLC FPU Bias 5 (622a,622..624)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P31	BOLA BOLC FPU CL06 Read Out (625)	MWDM2L-37S-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPBOLA	131200 P32	BOLA BOLC FPU Bias 6 (626a,626..628)	MWDM2L-37P-6C3-630	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HP SVM Units (Item Code: 132*)							
HPDECMC	132100 P11	MEC1 FPU GratDrv NO (97-99)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P12	MEC1 FPU GratSens NO (100-104)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P13	MEC1 FPU Filterwh 1 NO (77-81)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P14	MEC1 FPU Filterwh 2 NO (87-91)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P15	MEC1 FPU Cal Src NO (117-119)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P16	MEC1 FPU T1/T2 NO (123)	DEM-09P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P17	MEC1 FPU Chopper In (113-116)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P51	DEC1 FPU DB2 DCSup Bia G3 (8,9)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P53	DEC1 FPU DB2 LogSig G3 (7)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P55	DEC1 FPU DB1 Clk,Sy,Outa G3 (15a,46-52)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P57	DEC1 FPU DB2 Clk,Sy,Outb G3 (15b,53-60)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P62	DEC1 FPU DB1 DcSup,Bia G4 (11,12)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P64	DEC1 FPU DB1 LogSig G4 (10)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P66	DEC1 FPU DB1 Clk,Sy,Outa G4 (16a,61-67)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P68	DEC1 FPU DB1 Clk,Sy,Outb G4 (16b,68-74)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132100 P78	DEC1 FPU TeSens,Htr G3/4 (76)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P11	MEC2 FPU GratDrv RE (105..107)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P12	MEC2 FPU GratSens RE (108..112)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P13	MEC2 FPU Filterwh 1 RE (82..86)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P14	MEC2 FPU Filterwh 2 RE (92-96)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P15	MEC2 FPU CalSrc RE (120-122)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P16	MEC2 FPU T3/T4 RE (124)	DEM-09P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P51	DEC2 FPU DB1 DCsup Bia G1 (2,3)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P53	DEC2 FPU DB1 Log Sig (1)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P55	DEC2 FPU DB1 Clk,Sy,Outa G1 (13a,17-23)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P57	DEC2 FPU DB1 Clk,Sy,Outb G1 (13b,24-31)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P62	DEC2 FPU DB1 DcSup Bia G2 (5,6)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR

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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HPDECMC	132200 P64	DEC2 FPU DB1 Log Sig G2 (4)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P66	DEC2 FPU DB1Clk,Sy,Out G2 (14a,32-38)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P68	DEC2 FPU DB1 Clk/Sy/Outb G2 (14b,39-45)	DBM-25P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPDECMC	132200 P78	DEC2 FPU DB1 Grp1/2 Te Sens (75)	DAM-15P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P01	BOLC BOLA FPU CL01 Read Out (601)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P02	BOLC BOLA FPU CL01 Read Out (602)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P03	BOLC BOLA Bias 1 (603a,603..605)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P04	BOLC BOLA FPU CL02 Read Out (606)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P05	BOLC BOLA FPU CL02 Read Out (607)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P06	BOLC BOLA Bias 2 (608a,608..610)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P07	BOLC BOLA FPU CL03 Read Out (611)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P08	BOLC BOLA FPU CL03 Read Out (612)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P09	BOLC BOLA Bias 3 (613a,613..615)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P10	BOLC BOLA FPU CL04 Read Out (616)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P11	BOLC BOLA FPU CL04 Read Out (617)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P12	BOLC BOLA FPU Bias 4 (618a,618..620)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P13	BOLC BOLA FPU CL05 Read Out (621)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P14	BOLC BOLA FPU Bias 5 (622a,622..624)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P15	BOLC BOLA FPU CL06 Read Out (625)	DCM-37S-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P16	BOLC BOLA FPU Bias 6 (626a,626..628)	DCM-37P-NMB	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P17	BOLC FPU Htr/Cooler NO (529-34,541-544)	HDMA-62 S	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPBOLC	132300 P18	BOLC FPU Htr/Cooler RE (535-540,545-548)	HDMA-62 S	H/N	TBD	2B/Sig Ha Box-SVMCB	DR

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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
TBD (Item Code: 21*)							
CSS (Item Code: 211*)							
CVVUCR	211121 J01	CVV U Feed Thr. 006 (PA-HB02)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J02	CVV U Feed Thr. 012 (PA-HB04)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J03	CVV U Feed Thr. 018 (PA-HB06)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J04	CVV U Feed Thr. 036 (PA-HB09)	197-011P24-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J05	CVV U Feed Through 042 (PA-HB11)	197-011P24-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J06	CVV U Feed Through 048 (PA_HB13)	197-011P24-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J07	CVV U Feed Thr. 054 (PA-HB15)	197-011P24-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J08	CVV U Feed Thr. 072 (PA-HB17)	197-011P24-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J09	CVV U Feed Thr. 078 (PA-HB19)	197-011P22-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J10	CVV U Feed Thr. 084 (PA-HB21)	197-011P22-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J11	CVV U Feed Thr. 096 (PA-HB24)	197-011P22-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J12	CVV U Feed Thr. 102 (PA-HB26)	197-011P22-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J13	CVV U Feed Thr. 108 (PA-HB28)	197-011P22-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J14	CVV U Feed Thr. 126 (PA-HB31)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J15	CVV U Feed Thr. 132 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J16	CVV U Feed Thr. 138 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J17	CVV U Feed Thr. 144 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J18	CVV U Feed Thr. 162 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J19	CVV U Feed Thr. 168 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J20	CVV U Feed Thr. 174 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J21	CVV U Feed Thr. 192 (HF1 HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J22	CVV U Feed Thr. 198 (HF2 HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J23	CVV U Feed Thr. 216 (HF34 HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J24	CVV U Feed Thr. 252 (SP I/C01,HB03)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J25	CVV U Feed Thr. 258 (SP I/C02,HB04)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J26	CVV U Feed Thr. 264 (SP I/C03,HB05)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J27	CVV U Feed Thr. 282 (SP I/C04,HB06)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J28	CVV U Feed Thr. 288 (SP I/C??,HB07)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J29	CVV U Feed Thr. 306 (SP I/C??,HB08)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J30	CVV U Feed Thr. 312 (SP I/C??,HB09)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J31	CVV U Feed Thr. 318 (SP I/C??, HB01)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J32	CVV U Feed Thr. 324 (SP I/C??,HB02)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J33	CVV U Feed Thr. 342 (SP I/C??,HB10)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J34	CVV U Feed Thr. 348 (SP I/C??,HB12)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 J35	CVV U Feed Thr. 354 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVUCR	211121 P01	CVV U Feed Thr. 006 (PA-HB02)	197-012P18-35S	H/N	311FD001M1	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P02	CVV U Feed Thr. 012 (PA-HB04)	197-012P18-35S	H/N	311FD001M1	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P03	CVV U Feed Thr. 018 (PA-HB06)	197-012P18-35S	H/N	311FD001M1	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P04	CVV U Feed Thr. 036 (PA-HB09)	197-012P24-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P05	CVV U Feed Through 042 (PA-HB11)	197-012P24-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P06	CVV U Feed Through 048 (PA_HB13)	197-012P24-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P07	CVV U Feed Thr. 054 (PA-HB15)	197-012P24-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P08	CVV U Feed Thr. 072 (PA-HB17)	197-012P24-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P09	CVV U Feed Thr. 078 (PA-HB19)	197-012P22-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P10	CVV U Feed Thr. 084 (PA-HB21)	197-012P22-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P11	CVV U Feed Thr. 096 (PA-HB24)	197-012P22-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P12	CVV U Feed Thr. 102 (PA-HB26)	197-012P22-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P13	CVV U Feed Thr. 108 (PA-HB28)	197-012P22-35S	H/N	311FD001M2	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P14	CVV U Feed Thr. 126 (PA-HB31)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P15	CVV U Feed Thr. 132 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P16	CVV U Feed Thr. 138 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P17	CVV U Feed Thr. 144 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P18	CVV U Feed Thr. 162 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P19	CVV U Feed Thr. 168 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P20	CVV U Feed Thr. 174 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P21	CVV U Feed Thr. 192 (HF1 HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P22	CVV U Feed Thr. 198 (HF2 HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR

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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
CVVUCR	211121 P23	CVV U Feed Thr. 216 (HF34 HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P24	CVV U Feed Thr. 252 (SP I/C01,HB03)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P25	CVV U Feed Thr. 258 (SP I/C02,HB04)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P26	CVV U Feed Thr. 264 (SP I/C03,HB05)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P27	CVV U Feed Thr. 282 (SP I/C04,HB06)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P28	CVV U Feed Thr. 288 (SP I/C??,HB07)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P29	CVV U Feed Thr. 306 (SP I/C??,HB08)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P30	CVV U Feed Thr. 312 (SP I/C??,HB09)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P31	CVV U Feed Thr. 318 (SP I/C??, HB01)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P32	CVV U Feed Thr. 324 (SP I/C??,HB02)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P33	CVV U Feed Thr. 342 (SP I/C??,HB10)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P34	CVV U Feed Thr. 348 (SP I/C??,HB12)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVUCR	211121 P35	CVV U Feed Thr. 354 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 J01	CVV M Feed Thr. 003 (PA-HB01)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J02	CVV M Feed Thr. 009 (PA-HB03)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J03	CVV M Feed Thr. 015 (PA-HB05)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J04	CVV M Feed Thr. 021 (PA-HB07)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J05	CVV M Feed Thr. 033 (PA-HB08)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J06	CVV M Feed Thr. 039 (PA-HB10)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J07	CVV M Feed Thr. 045 (PA-HB12)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J08	CVV M Feed Thr. 051 (PA-HB14)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J09	CVV M Feed Thr. 057 (PA-HB16)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J10	CVV M Feed Thr. 069 (reserved CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J11	CVV M Feed Thr. 075 (PA-HB18)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J12	CVV M Feed Thr. 081 (PA-HB20)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J13	CVV M Feed Thr. 087 (PA-HB22)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J14	CVV M Feed Thr. 093 (PA-HB23)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J15	CVV M Feed Thr. 099 (PA-HB25)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J16	CVV M Feed Thr. 105 (PA-HB27)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J17	CVV M Feed Thr. 111 (PA-HB29)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J18	CVV M Feed Thr. 123 (PA-HB30)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J19	CVV M Feed Thr. 129 (PA-HB32)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J20	CVV M Feed Thr. 135 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J21	CVV M Feed Thr. 141 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J22	CVV M Feed Thr. 147 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J23	CVV M Feed Thr. 159 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J24	CVV M Feed Thr. 165 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J25	CVV M Feed Thr. 171 (HIFI)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J26	CVV M Feed Thr. 345 (SP-HB11)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J27	CVV M Feed Thr. 351 (SP-HB13)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 J28	CVV M Feed Thr. 357 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVMCR	211122 P01	CVV M Feed Thr. 003 (PA-HB01)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P02	CVV M Feed Thr. 009 (PA-HB03)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P03	CVV M Feed Thr. 015 (PA-HB05)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P04	CVV M Feed Thr. 021 (PA-HB07)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P05	CVV M Feed Thr. 033 (PA-HB08)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P06	CVV M Feed Thr. 039 (PA-HB10)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P07	CVV M Feed Thr. 045 (PA-HB12)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P08	CVV M Feed Thr. 051 (PA-HB14)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P09	CVV M Feed Thr. 057 (PA-HB16)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P10	CVV M Feed Thr. 069 (reserved CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P11	CVV M Feed Thr. 075 (PA-HB18)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P12	CVV M Feed Thr. 081 (PA-HB20)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P13	CVV M Feed Thr. 087 (PA-HB22)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P14	CVV M Feed Thr. 093 (PA-HB23)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P15	CVV M Feed Thr. 099 (PA-HB25)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P16	CVV M Feed Thr. 105 (PA-HB27)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P17	CVV M Feed Thr. 111 (PA-HB29)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P18	CVV M Feed Thr. 123 (PA-HB30)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P19	CVV M Feed Thr. 129 (PA-HB32)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR

Astrium GmbH		Item Connector List	Doc.No. HP-2-ASED-IC-0001
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Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
CVVMCR	211122 P20	CVV M Feed Thr. 135 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P21	CVV M Feed Thr. 141 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P22	CVV M Feed Thr. 147 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P23	CVV M Feed Thr. 159 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P24	CVV M Feed Thr. 165 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P25	CVV M Feed Thr. 171 (HIFI)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P26	CVV M Feed Thr. 345 (SP-HB11)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P27	CVV M Feed Thr. 351 (SP-HB13)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVMCR	211122 P28	CVV M Feed Thr. 357 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 J01	CVV L Feed Thr. 006 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J02	CVV L Feed Thr. 012 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J03	CVV L Feed Thr. 018 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J04	CVV L Feed Thr. 036 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J05	CVV L Feed Thr. 042 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J06	CVV L Feed Thr. 048 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J07	CVV L Feed Thr. 054 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J08	CVV L Feed Thr. 072 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J09	CVV L Feed Thr. 078 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 J10	CVV L Feed Thr. 084 (CCH)	197-011P18-35P	H/N	TBD	2C/Sig Ha FPU-FTH	DR
CVVLVR	211123 P01	CVV L Feed Thr. 006 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P02	CVV L Feed Thr. 012 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P03	CVV L Feed Thr. 018 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P04	CVV L Feed Thr. 036 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P05	CVV L Feed Thr. 042 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P06	CVV L Feed Thr. 048 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P07	CVV L Feed Thr. 054 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P08	CVV L Feed Thr. 072 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P09	CVV L Feed Thr. 078 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CVVLVR	211123 P10	CVV L Feed Thr. 084 (CCH)	197-012P18-35S	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR

CES (Item Code: 214*)

CCUCB?	214400 J01	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J02	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J03	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J04	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J05	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J06	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J07	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J08	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J09	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 J10	CCU SVM CB tbd	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCUCB?	214400 P01	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P02	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P03	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P04	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P05	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P06	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P07	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P08	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P09	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCUCB?	214400 P10	CCU SVM CB tbd	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
TBD (Item Code: 31*)							
HSVM HIFI CB (Item Code: 311*)							
HHSVMCB1	311100 J01	HIFI SVM CB1 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB1	311100 J02	HIFI SVM CB1 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB1	311100 J03	HIFI SVM CB1 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB1	311100 J04	HIFI SVM CB1 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB1	311100 J05	HIFI SVM CB1 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB1	311100 J06	HIFI SVM CB1 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB1	311100 P01	HIFI SVM CB1 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB1	311100 P02	HIFI SVM CB1 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB1	311100 P03	HIFI SVM CB1 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB1	311100 P04	HIFI SVM CB1 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB1	311100 P05	HIFI SVM CB1 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB1	311100 P06	HIFI SVM CB1 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB2	311200 J07	HIFI SVM CB2 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB2	311200 J08	HIFI SVM CB2 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB2	311200 J09	HIFI SVM CB2 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB2	311200 J10	HIFI SVM CB2 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB2	311200 J11	HIFI SVM CB2 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB2	311200 J12	HIFI SVM CB2 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB2	311200 J13	HIFI SVM CB2 I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HHSVMCB2	311200 P07	HIFI SVM CB2 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB2	311200 P08	HIFI SVM CB2 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB2	311200 P09	HIFI SVM CB2 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB2	311200 P10	HIFI SVM CB2 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB2	311200 P11	HIFI SVM CB2 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB2	311200 P12	HIFI SVM CB2 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HHSVMCB2	311200 P13	HIFI SVM CB2 I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSVM SPIRE CB (Item Code: 312*)							
HSSVMCB	312000 J01	SPIRE SVM CB (S01)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J02	SPIRE SVM CB (S02)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J03	SPIRE SVM CB (S03)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J04	SPIRE SVM CB (S04)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J05	SPIRE SVM CB (S05)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J06	SPIRE SVM CB (S06)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J07	SPIRE SVM CB (S07)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J08	SPIRE SVM CB (S08)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J09	SPIRE SVM CB (S09)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J10	SPIRE SVM CB (S10)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J11	SPIRE SVM CB (S11)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J12	SPIRE SVM CB (S12)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 J13	SPIRE SVM CB (S13)	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HSSVMCB	312000 P01	SPIRE SVM CB (S01)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P02	SPIRE SVM CB (S02)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P03	SPIRE SVM CB (S03)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P04	SPIRE SVM CB (S04)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P05	SPIRE SVM CB (S05)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P06	SPIRE SVM CB (S06)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P07	SPIRE SVM CB (S07)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P08	SPIRE SVM CB (S08)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P09	SPIRE SVM CB (S09)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P10	SPIRE SVM CB (S10)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P11	SPIRE SVM CB (S11)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P12	SPIRE SVM CB (S12)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSSVMCB	312000 P13	SPIRE SVM CB (S13)	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSVM PACS CB (Item Code: 313*)							
HPSVMCB	313000 J01	PACS SVM CB (P01) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
HPSVMCB	313000 J02	PACS SVM CB (P02) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J03	PACS SVM CB (P03) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J04	PACS SVM CB (P04) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J05	PACS SVM CB (P05) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J06	PACS SVM CB (P06) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J07	PACS SVM CB (P07) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J08	PACS SVM CB (P08) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J09	PACS SVM CB (P09) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J10	PACS SVM CB (P10) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J11	PACS SVM CB (P11) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J12	PACS SVM CB (P12) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J13	PACS SVM CB (P13) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J14	PACS SVM CB (P14) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J15	PACS SVM CB (P15) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J16	PACS SVM CB (P16) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J17	PACS SVM CB (P17) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J18	PACS SVM CB (P18) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J19	PACS SVM CB (P19) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J20	PACS SVM CB (P20) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J21	PACS SVM CB (P21) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J22	PACS SVM CB (P22) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J23	PACS SVM CB (P23) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J24	PACS SVM CB (P24) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J25	PACS SVM CB (P25) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 J26	PACS SVM CB (P26) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
HPSVMCB	313000 P01	PACS SVM CB (P01) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P02	PACS SVM CB (P02) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P03	PACS SVM CB (P03) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P04	PACS SVM CB (P04) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P05	PACS SVM CB (P05) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P06	PACS SVM CB (P06) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P07	PACS SVM CB (P07) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P08	PACS SVM CB (P08) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P09	PACS SVM CB (P09) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P10	PACS SVM CB (P10) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P11	PACS SVM CB (P11) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P12	PACS SVM CB (P12) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P13	PACS SVM CB (P13) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P14	PACS SVM CB (P14) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P15	PACS SVM CB (P15) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P16	PACS SVM CB (P16) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P17	PACS SVM CB (P17) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P18	PACS SVM CB (P18) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P19	PACS SVM CB (P19) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P20	PACS SVM CB (P20) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P21	PACS SVM CB (P21) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P22	PACS SVM CB (P22) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P23	PACS SVM CB (P23) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P24	PACS SVM CB (P24) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P25	PACS SVM CB (P25) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HPSVMCB	313000 P26	PACS SVM CB (P26) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
HSVM CCS CB (Item Code: 314*)							
CCSSVMCB	314000 J01	CCH SVM CB (CH01) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB	314000 J02	CCH SVM CB (CH02) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB	314000 J03	CCH SVM CB (CH03) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB	314000 J04	CCH SVM CB (CH04) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB	314000 J05	CCH SVM CB (CH05) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB	314000 J06	CCH SVM CB (CH06) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB	314000 J07	CCH SVM CB (CH07) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB	314000 J08	CCH SVM CB (CH08) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR

Item Identifier	Connector Designation	Connector Function	Connector Type	Supplier	Back Shell	EMC Category	New
CCSSVMCB 314000 J09		CCH SVM CB (CH09) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB 314000 J10		CCH SVM CB (CH10) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB 314000 J11		CCH SVM CB (CH11) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB 314000 J12		CCH SVM CB (CH12) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB 314000 J13		CCH SVM CB (CH13) I/F???	SVM CB Junc Round	H/N	TBD	2I/Sig Ha FTH-SVMCB	DR
CCSSVMCB 314000 P01		CCH SVM CB (CH01) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P02		CCH SVM CB (CH02) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P03		CCH SVM CB (CH03) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P04		CCH SVM CB (CH04) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P05		CCH SVM CB (CH05) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P06		CCH SVM CB (CH06) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P07		CCH SVM CB (CH07) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P08		CCH SVM CB (CH08) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P09		CCH SVM CB (CH09) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P10		CCH SVM CB (CH10) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P11		CCH SVM CB (CH11) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P12		CCH SVM CB (CH12) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR
CCSSVMCB 314000 P13		CCH SVM CB (CH13) I/F???	SVM CB Plug Round	H/N	TBD	2B/Sig Ha Box-SVMCB	DR

Connector
 13 ✓ Functional Channel Allocation

Describing text tbd

CAE
 Insert FAT from CAIE DataBase

tbc 13.1 Warm to Cold Unit with wiring

tbc 13.2 Cold to warm Unit with wiring

tbc 13.3 Channel assigned by EMC class^{sorted}

tbc 13.4 " sorted by Item

13.5 Channel by Emc

~~13.6 Channel by Item~~

13.6 Channel ID CLL

13.7 Special Listings on request

No of wires etc tbd

Cross References

Astrium GmbH		Connector Allocation List	Doc.No. HP-2-ASED-IC-0001
Project:	13.1		Issue: Dr Date: 22.02.2002
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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
EMC-Class: 2B/Sig Ha Box-SVMCB									
<i>WARM UNITS to Cold Units</i>									
Item:	112300	HHFCU	EMC-Class: 2B/Sig Ha Box-SVMCB						
J11	HIFI MX1-H	< HMX.- / tbd	1x051SS-38	-H01	3 SIG/2 RTN	HHFPU	2C 111100 J11A	1x051SS-38 31120 DR 1x051SS-38 21112	
	HIFI MX2-H	< HMX.- / tbd	1x051SS-38	-H02	3 SIG/2 RTN	HHFPU	2C 111100 J11B	1x051SS-38 31120 DR 1x051SS-38 21112	
	HIFI MX3-H	< HMX.- / tbd	1x051SS-38	-H03	3 SIG/2 RTN	HHFPU	2C 111100 J11C	1x051SS-38 CB_TBD DR	
	HIFI MX4-H	< HMX.- / tbd	1x051SS-38	-H04	3 SIG/2 RTN	HHFPU	2C 111100 J11D	1x051SS-38 CB_TBD DR	
	HIFI MX5-H	< HMX.- / tbd	1x051SS-38	-H05	3 SIG/2 RTN	HHFPU	2C 111100 J11E	1x051SS-38 CB_TBD DR	
	HIFI MX6-H	< HMX.- / tbd	1x051SS-38	-H06	3 SIG/2 RTN	HHFPU	2C 111100 J11F	1x051SS-38 CB_TBD DR	
	HIFI MX7-H	< HMX.- / tbd	1x051SS-38	-H07	3 SIG/2 RTN	HHFPU	2C 111100 J11G	1x051SS-38 CB_TBD DR	
J12	HIFI HT1-H	< HHT.- / tbd	1x021BS-38	-H15	1 SUP/1 RTN	HHFPU	2C 111100 J12A	1x021BS-38 CB_TBD DR	
	HIFI MG1-H	< HMG.- / tbd	1x021BS-38	-H22	1 SIG/1 RTN	HHFPU	2C 111100 J12A	1x021BS-38 CB_TBD DR	
	HIFI HT2-H	< HHT.- / tbd	1x021BS-38	-H16	1 SUP/1 RTN	HHFPU	2C 111100 J12B	1x021BS-38 CB_TBD DR	
	HIFI MG2-H	< HMG.- / tbd	1x021BS-38	-H23	1 SIG/1 RTN	HHFPU	2C 111100 J12B	1x021BS-38 CB_TBD DR	
	HIFI HT3-H	< HHT.- / tbd	1x021BS-38	-H17	1 SUP/1 RTN	HHFPU	2C 111100 J12C	1x021BS-38 CB_TBD DR	
	HIFI MG3-H	< HMG.- / tbd	1x021BS-38	-H24	1 SIG/1 RTN	HHFPU	2C 111100 J12C	1x021BS-38 CB_TBD DR	
	HIFI HT4-H	< HHT.- / tbd	1x021BS-38	-H18	1 SUP/1 RTN	HHFPU	2C 111100 J12D	1x021BS-38 CB_TBD DR	
	HIFI MG4-H	< HMG.- / tbd	1x021BS-38	-H25	1 SIG/1 RTN	HHFPU	2C 111100 J12D	1x021BS-38 CB_TBD DR	
	HIFI HT5-H	< HHT.- / tbd	1x021BS-38	-H19	1 SUP/1 RTN	HHFPU	2C 111100 J12E	1x021BS-38 CB_TBD DR	
	HIFI MG5-H	< HMG.- / tbd	1x021BS-38	-H26	1 SIG/1 RTN	HHFPU	2C 111100 J12E	1x021BS-38 CB_TBD DR	
	HIFI HT6-H	< HHT.- / tbd	1x021BS-38	-H20	1 SUP/1 RTN	HHFPU	2C 111100 J12F	1x021BS-38 CB_TBD DR	
	HIFI HT7-H	< HHT.- / tbd	1x021BS-38	-H21	1 SUP/1 RTN	HHFPU	2C 111100 J12G	1x021BS-38 CB_TBD DR	
J13	HIFI TS1-H	< HTS.- / tbd	1x041SS-38	-H63	2 SIG/2 RTN	HHFPU	2C 111100 J12A	1x041SS-38 CB_TBD DR	
	HIFI TS2-H	< HTS.- / tbd	1x041SS-38	-H64	2 SIG/2 RTN	HHFPU	2C 111100 J12B	1x041SS-38 CB_TBD DR	
	HIFI TS3-H	< HTS.- / tbd	1x041SS-38	-H65	2 SIG/2 RTN	HHFPU	2C 111100 J12C	1x041SS-38 CB_TBD DR	
	HIFI TS4-H	< HTS.- / tbd	1x041SS-38	-H66	2 SIG/2 RTN	HHFPU	2C 111100 J12D	1x041SS-38 CB_TBD DR	
	HIFI TS5-H	< HTS.- / tbd	1x041SS-38	-H67	2 SIG/2 RTN	HHFPU	2C 111100 J12E	1x041SS-38 CB_TBD DR	
	HIFI TS6-H	< HTS.- / tbd	1x041SS-38	-H68	2 SIG/2 RTN	HHFPU	2C 111100 J12F	1x041SS-38 CB_TBD DR	
	HIFI TS7-H	< HTS.- / tbd	1x041SS-38	-H69	2 SIG/2 RTN	HHFPU	2C 111100 J12G	1x041SS-38 CB_TBD DR	
J14	HIFI FIF1-H	< H1A.1 / tbd	1x111BS-30	-H39	8 SIG/1 RTN	HHFPU	2C 111100 J14A	1x111BS-30 CB_TBD DR	
	HIFI FIF2-H	< H1A.1 / tbd	1x111BS-30	-H40	8 SIG/1 RTN	HHFPU	2C 111100 J14B	1x111BS-30 CB_TBD DR	
	HIFI FIF3-H	< H1A.1 / tbd	1x111BS-30	-H41	8 SIG/1 RTN	HHFPU	2C 111100 J14C	1x111BS-30 CB_TBD DR	

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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J14	HIFI FIF4-H	< H1A.1 / tbd	1x111BS-30	-H42	8 SIG/1 RTN	HHFPU	2C 111100 J14D	1x111BS-30	CB_TBD DR
	HIFI FIF5-H	< H1A.1 / tbd	1x111BS-30	-H43	8 SIG/1 RTN	HHFPU	2C 111100 J14E	1x111BS-30	CB_TBD DR
	HIFI FIF6-H	< H1A.1 / tbd	1x111BS-30	-H44	8 SIG/1 RTN	HHFPU	2C 111100 J14F	1x111BS-30	CB_TBD DR
	HIFI FIF7-H	< H1A.1 / tbd	1x111BS-30	-H45	8 SIG/1 RTN	HHFPU	2C 111100 J14G	1x111BS-30	CB_TBD DR
J15	HIFI SIF1-H	< H2A.- / tbd	1x111SS-38	-H77	6 SIG/3 RTN	HHFPU	2C 111100 J15A	1x111SS-38	CB_TBD DR
	HIFI SIF2-H	< H2A.- / tbd	1x111SS-38	-H78	6 SIG/3 RTN	HHFPU	2C 111100 J15B	1x111SS-38	CB_TBD DR
	HIFI SIF3-H	< H2A.- / tbd	1x111SS-38	-H79	6 SIG/3 RTN	HHFPU	2C 111100 J15C	1x111SS-38	CB_TBD DR
	HIFI SIF4-H	< H2A.- / tbd	1x111SS-38	-H80	6 SIG/3 RTN	HHFPU	2C 111100 J15D	1x111SS-38	CB_TBD DR
	HIFI SIF5-H	< H2A.- / tbd	1x111SS-38	-H81	6 SIG/3 RTN	HHFPU	2C 111100 J15E	1x111SS-38	CB_TBD DR
	HIFI SIF6-H	< H2A.- / tbd	1x111SS-38	-H82	6 SIG/3 RTN	HHFPU	2C 111100 J15F	1x111SS-38	CB_TBD DR
	HIFI SIF7-H	< H2A.- / tbd	1x111SS-38	-H83	6 SIG/3 RTN	HHFPU	2C 111100 J15G	1x111SS-38	CB_TBD DR
	HIFI DP1-AC-H	< HDP.- / tbd	1x021BS-38	-H48	1 SIG/1 RTN	HHFPU	2C 111100 J17A	1x021BS-38	CB_TBD DR
J16	HIFI CS-CR-TS-P	< HBC.- / tbd	1x041SS-38	-H96	2 SIG/2 RTN	HHFPU	2C 111100 J16A	1x041SS-38	CB_TBD DR
	HIFI CS-HR-TS-P	< HBH.- / tbd	1x041SS-38	-H95	2 SIG/2 RTN	HHFPU	2C 111100 J16A	1x041SS-38	CB_TBD DR
	HIFI ST-TS-P	< HBS.- / tbd	1x041SS-38	-H97	2 SIG/2 RTN	HHFPU	2C 111100 J16A	1x041SS-38	CB_TBD DR
	HIFI CP-AC-P	< HCA.- / tbd	1x031BS-38	-H91	1 SUP/2 RTN	HHFPU	2C 111100 J16A	1x031BS-38	CB_TBD DR
	HIFI CS-HT-P	< HCH.- / tbd	1x021SS-38	-H94	1 SUP/1 RTN	HHFPU	2C 111100 J16A	1x021SS-38	CB_TBD DR
	HIFI CP-LT-PY-P	< HCP.- / tbd	1x031BS-38	-H93	1 SIG/2 RTN	HHFPU	2C 111100 J16A	1x031BS-38	CB_TBD DR
	HIFI CP-LT-SY-P	< HCS.- / tbd	1x031SS-38	-H92	2 SIG/1 RTN	HHFPU	2C 111100 J16A	1x031SS-38	CB_TBD DR
	HIFI IF2-TS-P	< HCW.- / tbd	1x041SS-38	-H98	2 SIG/2 RTN	HHFPU	2C 111100 J16A	1x041SS-38	CB_TBD DR
J17	HIFI DP2-AC-H	< HDP.- / tbd	1x021BS-38	-H49	1 SIG/1 RTN	HHFPU	2C 111100 J17B	1x021BS-38	CB_TBD DR
	HIFI DP3-AC-H	< HDP.- / tbd	1x021BS-38	-H50	1 SIG/1 RTN	HHFPU	2C 111100 J17C	1x021BS-38	CB_TBD DR
	HIFI DP4-AC-H	< HDP.- / tbd	1x021BS-38	-H51	1 SIG/1 RTN	HHFPU	2C 111100 J17D	1x021BS-38	CB_TBD DR
	HIFI DP5-AC-H	< HDP.- / tbd	1x021BS-38	-H52	1 SIG/1 RTN	HHFPU	2C 111100 J17E	1x021BS-38	CB_TBD DR
J21	HIFI MX1-V	< HMX.- / tbd	1x051SS-38	-H08	3 SIG/2 RTN	HHFPU	2C 111100 J21A	1x051SS-38	CB_TBD DR
	HIFI MX2-V	< HMX.- / tbd	1x051SS-38	-H09	3 SIG/2 RTN	HHFPU	2C 111100 J21B	1x051SS-38	CB_TBD DR
	HIFI MX3-V	< HMX.- / tbd	1x051SS-38	-H10	3 SIG/2 RTN	HHFPU	2C 111100 J21C	1x051SS-38	CB_TBD DR
	HIFI MX4-V	< HMX.- / tbd	1x051SS-38	-H11	3 SIG/2 RTN	HHFPU	2C 111100 J21D	1x051SS-38	CB_TBD DR
	HIFI MX5-V	< HMX.- / tbd	1x051SS-38	-H12	3 SIG/2 RTN	HHFPU	2C 111100 J21E	1x051SS-38	CB_TBD DR
	HIFI MX6-V	< HMX.- / tbd	1x051SS-38	-H13	3 SIG/2 RTN	HHFPU	2C 111100 J21F	1x051SS-38	CB_TBD DR
	HIFI MX7-V	< HMX.- / tbd	1x051SS-38	-H14	3 SIG/2 RTN	HHFPU	2C 111100 J21G	1x051SS-38	CB_TBD DR
J22	HIFI HT1-V	< HHT.- / tbd	1x021BS-38	-H27	1 SUP/1 RTN	HHFPU	2C 111100 J22A	1x021BS-38	CB_TBD DR
	HIFI MG1-V	< HMG.- / tbd	1x021BS-38	-H28	1 SIG/1 RTN	HHFPU	2C 111100 J22A	1x021BS-38	CB_TBD DR

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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J22	HIFI HT2-V	< HHT.- / tbd	1x021BS-38	-H29	1 SUP/1 RTN	HHFPU	2C 111100 J22B	1x021BS-38	CB_TBD DR
	HIFI MG2-V	< HMG.- / tbd	1x021BS-38	-H30	1 SIG/1 RTN	HHFPU	2C 111100 J22B	1x021BS-38	CB_TBD DR
	HIFI HT3-V	< HHT.- / tbd	1x021BS-38	-H31	1 SUP/1 RTN	HHFPU	2C 111100 J22C	1x021BS-38	CB_TBD DR
	HIFI MG3-V	< HMG.- / tbd	1x021BS-38	-H32	1 SIG/1 RTN	HHFPU	2C 111100 J22C	1x021BS-38	CB_TBD DR
	HIFI HT4-V	< HHT.- / tbd	1x021BS-38	-H33	1 SUP/1 RTN	HHFPU	2C 111100 J22D	1x021BS-38	CB_TBD DR
	HIFI MG4-V	< HMG.- / tbd	1x021BS-38	-H34	1 SIG/1 RTN	HHFPU	2C 111100 J22D	1x021BS-38	CB_TBD DR
	HIFI HT5-V	< HHT.- / tbd	1x021BS-38	-H35	1 SUP/1 RTN	HHFPU	2C 111100 J22E	1x021BS-38	CB_TBD DR
	HIFI MG5-V	< HMG.- / tbd	1x021BS-38	-H36	1 SIG/1 RTN	HHFPU	2C 111100 J22E	1x021BS-38	CB_TBD DR
	HIFI HT6-V	< HHT.- / tbd	1x021BS-38	-H37	1 SUP/1 RTN	HHFPU	2C 111100 J22F	1x021BS-38	CB_TBD DR
HIFI HT7-V	< HHT.- / tbd	1x021BS-38	-H38	1 SUP/1 RTN	HHFPU	2C 111100 J22G	1x021BS-38	CB_TBD DR	
J23	HIFI TS1-V	< HTS.- / tbd	1x041SS-38	-H70	2 SIG/2 RTN	HHFPU	2C 111100 J22A	1x041SS-38	CB_TBD DR
	HIFI TS2-V	< HTS.- / tbd	1x041SS-38	-H71	2 SIG/2 RTN	HHFPU	2C 111100 J22B	1x041SS-38	CB_TBD DR
	HIFI TS3-V	< HTS.- / tbd	1x041SS-38	-H72	2 SIG/2 RTN	HHFPU	2C 111100 J22C	1x041SS-38	CB_TBD DR
	HIFI TS4-V	< HTS.- / tbd	1x041SS-38	-H73	2 SIG/2 RTN	HHFPU	2C 111100 J22D	1x041SS-38	CB_TBD DR
	HIFI TS5-V	< HTS.- / tbd	1x041SS-38	-H74	2 SIG/2 RTN	HHFPU	2C 111100 J22E	1x041SS-38	CB_TBD DR
	HIFI TS6-V	< HTS.- / tbd	1x041SS-38	-H75	2 SIG/2 RTN	HHFPU	2C 111100 J22F	1x041SS-38	CB_TBD DR
	HIFI TS7-V	< HTS.- / tbd	1x041SS-38	-H76	2 SIG/2 RTN	HHFPU	2C 111100 J22G	1x041SS-38	CB_TBD DR
J24	HIFI FIF1-V	< H1A.1 / tbd	1x111BS-30	-H46	8 SIG/1 RTN	HHFPU	2C 111100 J24A	1x111BS-30	CB_TBD DR
	HIFI FIF2-V	< H1A.1 / tbd	1x111BS-30	-H47	8 SIG/1 RTN	HHFPU	2C 111100 J24B	1x111BS-30	CB_TBD DR
	HIFI FIF3-V	< H1A.- / tbd	1x261BS-30	-H58	20 SIG/6 RTN	HHFPU	2C 111100 J24C	1x261BS-30	CB_TBD DR
	HIFI FIF4-V	< H1A.- / tbd	1x261BS-30	-H59	20 SIG/6 RTN	HHFPU	2C 111100 J24D	1x261BS-30	CB_TBD DR
	HIFI FIF5-V	< H1A.- / tbd	1x261BS-30	-H60	20 SIG/6 RTN	HHFPU	2C 111100 J24E	1x261BS-30	CB_TBD DR
	HIFI FIF6-V	< H1A.- / tbd	1x261BS-30	-H61	20 SIG/6 RTN	HHFPU	2C 111100 J24F	1x261BS-30	CB_TBD DR
	HIFI FIF7-V	< H1A.- / tbd	1x261BS-30	-H62	20 SIG/6 RTN	HHFPU	2C 111100 J24G	1x261BS-30	CB_TBD DR
J25	HIFI SIF1-V	< H2A.- / tbd	1x111SS-38	-H84	6 SIG/3 RTN	HHFPU	2C 111100 J25A	1x111SS-38	CB_TBD DR
	HIFI SIF2-V	< H2A.- / tbd	1x111SS-38	-H85	6 SIG/3 RTN	HHFPU	2C 111100 J25B	1x111SS-38	CB_TBD DR
	HIFI SIF3-V	< H2A.- / tbd	1x111SS-38	-H86	6 SIG/3 RTN	HHFPU	2C 111100 J25C	1x111SS-38	CB_TBD DR
	HIFI SIF4-V	< H2A.- / tbd	1x111SS-38	-H87	6 SIG/3 RTN	HHFPU	2C 111100 J25D	1x111SS-38	CB_TBD DR
	HIFI SIF5-V	< H2A.- / tbd	1x111SS-38	-H88	6 SIG/3 RTN	HHFPU	2C 111100 J25E	1x111SS-38	CB_TBD DR
	HIFI SIF6-V	< H2A.- / tbd	1x111SS-38	-H89	6 SIG/3 RTN	HHFPU	2C 111100 J25F	1x111SS-38	CB_TBD DR
	HIFI SIF7-V	< H2A.- / tbd	1x111SS-38	-H90	6 SIG/3 RTN	HHFPU	2C 111100 J25G	1x111SS-38	CB_TBD DR
J26	HIFI CS-CR-TS-R	< HBC.- / tbd	1x041SS-38	-I01	2 SIG/2 RTN	HHFPU	2C 111100 J26A	1x041SS-38	CB_TBD DR
	HIFI CS-HR-TS-R	< HBH.- / tbd	1x041SS-38	-H99	2 SIG/2 RTN	HHFPU	2C 111100 J26A	1x041SS-38	CB_TBD DR

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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J26	HIFI ST-TS-R	< HBS.- / tbd	1x041SS-38	-I02	2 SIG/2 RTN	HHFPU	2C 111100 J26A	1x041SS-38 CB_TBD	DR
	HIFI CP-AC-R	< HCA.- / tbd	1x031BS-38	-I03	1 SUP/2 RTN	HHFPU	2C 111100 J26A	1x031BS-38 CB_TBD	DR
	HIFI CS-HT-R	< HCH.- / tbd	1x021SS-38	-I04	1 SUP/1 RTN	HHFPU	2C 111100 J26A	1x021SS-38 CB_TBD	DR
	HIFI CP-LT-PY-R	< HCP.- / tbd	1x031BS-38	-I05	1 SIG/2 RTN	HHFPU	2C 111100 J26A	1x031BS-38 CB_TBD	DR
	HIFI CP-LT-SY-R	< HCS.- / tbd	1x031SS-38	-I06	2 SIG/1 RTN	HHFPU	2C 111100 J26A	1x031SS-38 CB_TBD	DR
	HIFI IF2-TS-R	< HCW.- / tbd	1x041SS-38	-I07	2 SIG/2 RTN	HHFPU	2C 111100 J26A	1x041SS-38 CB_TBD	DR
J27	HIFI DP1-AC-V	< HDP.- / tbd	1x021BS-38	-H53	1 SIG/1 RTN	HHFPU	2C 111100 J27A	1x021BS-38 CB_TBD	DR
	HIFI DP2-AC-V	< HDP.- / tbd	1x021BS-38	-H54	1 SIG/1 RTN	HHFPU	2C 111100 J27B	1x021BS-38 CB_TBD	DR
	HIFI DP3-AC-V	< HDP.- / tbd	1x021BS-38	-H55	1 SIG/1 RTN	HHFPU	2C 111100 J27C	1x021BS-38 CB_TBD	DR
	HIFI DP4-AC-V	< HDP.- / tbd	1x021BS-38	-H56	1 SIG/1 RTN	HHFPU	2C 111100 J27D	1x021BS-38 CB_TBD	DR
	HIFI DP5-AC-V	< HDP.- / tbd	1x021BS-38	-H57	1 SIG/1 RTN	HHFPU	2C 111100 J27E	1x021BS-38 CB_TBD	DR
Item:	122300 HSDCU	EMC-Class:	2B/Sig Ha Box-SVMCB						
J27	SPIRE Bol. SLW Ch01 (S01)	> SBC.- / tbd	1x021BS-38	-S01	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch02 (S01)	> SBC.- / tbd	1x021BS-38	-S02	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch03 (S01)	> SBC.- / tbd	1x021BS-38	-S03	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch04 (S01)	> SBC.- / tbd	1x021BS-38	-S04	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch05 (S01)	> SBC.- / tbd	1x021BS-38	-S05	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch06 (S01)	> SBC.- / tbd	1x021BS-38	-S06	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch07 (S01)	> SBC.- / tbd	1x021BS-38	-S07	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch08 (S01)	> SBC.- / tbd	1x021BS-38	-S08	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch09 (S01)	> SBC.- / tbd	1x021BS-38	-S09	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch10 (S01)	> SBC.- / tbd	1x021BS-38	-S10	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch11	> SBC.- / tbd	1x021BS-38	-S11	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch12	> SBC.- / tbd	1x021BS-38	-S12	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2	: DR
J28	SPIRE Bol. SLW Ch13	> SBC.- / tbd	1x021BS-38	-S13	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	: DR
	SPIRE Bol. SLW Ch14	> SBC.- / tbd	1x021BS-38	-S14	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	: DR

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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J28	SPIRE Bol. SLW Ch15	> SBC.- / tbd	1x021BS-38	-S15	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch16	> SBC.- / tbd	1x021BS-38	-S16	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch17	> SBC.- / tbd	1x021BS-38	-S17	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch18	> SBC.- / tbd	1x021BS-38	-S18	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch19	> SBC.- / tbd	1x021BS-38	-S19	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch20	> SBC.- / tbd	1x021BS-38	-S20	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch21	> SBC.- / tbd	1x021BS-38	-S21	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch22	> SBC.- / tbd	1x021BS-38	-S22	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch23	> SBC.- / tbd	1x021BS-38	-S23	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Ch24	> SBC.- / tbd	1x021BS-38	-S24	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2	DR
J33	SPIRE Bol.SLW Bias A1	> SXB.- / tbd	1x021BS-38	-S25	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SLW Bias A2	> SXB.- / tbd	1x021BS-38	-S26	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SSW Bias A1	> SXB.- / tbd	1x021BS-38	-S27	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SSW Bias A2	> SXB.- / tbd	1x021BS-38	-S28	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2	DR
	SPIRE Bol. SLW Htr A	> SXH.- / tbd	1x021BS-38	-S29	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SSW Htr A	> SXH.- / tbd	1x021BS-38	-S30	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2	DR
J34	SPIRE Bol.SLW Bias B1	> SXB.- / tbd	1x021BS-38	-S31	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SLW Bias B2	> SXB.- / tbd	1x021BS-38	-S32	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SSW Bias B1	> SXB.- / tbd	1x021BS-38	-S33	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SSW Bias B2	> SXB.- / tbd	1x021BS-38	-S34	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SLW Htr B	> SXH.- / tbd	1x021BS-38	-S35	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2	DR
	SPIRE Bol.SSW Htr B	> SXH.- / tbd	1x021BS-38	-S36	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2	DR

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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
EMC-Class: 2C/Sig Ha FPU-FTH									
Item: 111100	HHFPU	EMC-Class: 2C/Sig Ha FPU-FTH							
J11	HIFI MX1-H	> HMX.- / tbd	1x051SS-38	-H01	3 SIG/2 RTN	HHFCU	2B 112300 J11	211121 J15/P15 1x DR 311200 J07/P07 1x	
J11	HIFI MX2-H	> HMX.- / tbd	1x051SS-38	-H02	3 SIG/2 RTN	HHFCU	2B 112300 J11	211121 J15/P15 1x DR 311200 J07/P07 1x	
J11	HIFI MX3-H	> HMX.- / tbd	1x051SS-38	-H03	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2	DR
J11	HIFI MX4-H	> HMX.- / tbd	1x051SS-38	-H04	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2	DR
J11	HIFI MX5-H	> HMX.- / tbd	1x051SS-38	-H05	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2	DR
J11F	HIFI MX6-H	> HMX.- / tbd	1x051SS-38	-H06	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2	DR
J11	HIFI MX7-H	> HMX.- / tbd	1x051SS-38	-H07	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2	DR
J12	HIFI HT1-H	> HHT.- / tbd	1x021BS-38	-H15	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI MG1-H	> HMG.- / tbd	1x021BS-38	-H22	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI TS1-H	> HTS.- / tbd	1x041SS-38	-H63	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2	DR
J12	HIFI HT2-H	> HHT.- / tbd	1x021BS-38	-H16	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI MG2-H	> HMG.- / tbd	1x021BS-38	-H23	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI TS2-H	> HTS.- / tbd	1x041SS-38	-H64	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2	DR
J12	HIFI HT3-H	> HHT.- / tbd	1x021BS-38	-H17	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI MG3-H	> HMG.- / tbd	1x021BS-38	-H24	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI TS3-H	> HTS.- / tbd	1x041SS-38	-H65	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2	DR
J12	HIFI HT4-H	> HHT.- / tbd	1x021BS-38	-H18	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI MG4-H	> HMG.- / tbd	1x021BS-38	-H25	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI TS4-H	> HTS.- / tbd	1x041SS-38	-H66	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2	DR
J12	HIFI HT5-H	> HHT.- / tbd	1x021BS-38	-H19	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI MG5-H	> HMG.- / tbd	1x021BS-38	-H26	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI TS5-H	> HTS.- / tbd	1x041SS-38	-H67	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2	DR
J12F	HIFI HT6-H	> HHT.- / tbd	1x021BS-38	-H20	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR
	HIFI TS6-H	> HTS.- / tbd	1x041SS-38	-H68	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2	DR
J12	HIFI HT7-H	> HHT.- / tbd	1x021BS-38	-H21	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2	DR

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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J12	HIFI TS7-H	> HTS.- / tbd	1x041SS-38	-H69	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2	DR
J14	HIFI FIF1-H	> H1A.1 / tbd	1x111BS-30	-H39	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2	DR
J14	HIFI FIF2-H	> H1A.1 / tbd	1x111BS-30	-H40	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2	DR
J14	HIFI FIF3-H	> H1A.1 / tbd	1x111BS-30	-H41	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2	DR
J14	HIFI FIF4-H	> H1A.1 / tbd	1x111BS-30	-H42	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2	DR
J14	HIFI FIF5-H	> H1A.1 / tbd	1x111BS-30	-H43	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2	DR
J14F	HIFI FIF6-H	> H1A.1 / tbd	1x111BS-30	-H44	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2	DR
J14	HIFI FIF7-H	> H1A.1 / tbd	1x111BS-30	-H45	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2	DR
J15	HIFI SIF1-H	> H2A.- / tbd	1x111SS-38	-H77	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2	DR
J15	HIFI SIF2-H	> H2A.- / tbd	1x111SS-38	-H78	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2	DR
J15	HIFI SIF3-H	> H2A.- / tbd	1x111SS-38	-H79	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2	DR
J15	HIFI SIF4-H	> H2A.- / tbd	1x111SS-38	-H80	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2	DR
J15	HIFI SIF5-H	> H2A.- / tbd	1x111SS-38	-H81	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2	DR
J15F	HIFI SIF6-H	> H2A.- / tbd	1x111SS-38	-H82	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2	DR
J15	HIFI SIF7-H	> H2A.- / tbd	1x111SS-38	-H83	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2	DR
J16	HIFI CS-CR-TS-P	> HBC.- / tbd	1x041SS-38	-H96	2 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2	DR
	HIFI CS-HR-TS-P	> HBH.- / tbd	1x041SS-38	-H95	2 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2	DR
	HIFI ST-TS-P	> HBS.- / tbd	1x041SS-38	-H97	2 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2	DR
	HIFI CP-AC-P	> HCA.- / tbd	1x031BS-38	-H91	1 SUP/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2	DR
	HIFI CS-HT-P	> HCH.- / tbd	1x021SS-38	-H94	1 SUP/1 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2	DR
	HIFI CP-LT-PY-P	> HCP.- / tbd	1x031BS-38	-H93	1 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2	DR
	HIFI CP-LT-SY-P	> HCS.- / tbd	1x031SS-38	-H92	2 SIG/1 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2	DR
	HIFI IF2-TS-P	> HCW.- / tbd	1x041SS-38	-H98	2 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2	DR
J17	HIFI DP1-AC-H	> HDP.- / tbd	1x021BS-38	-H48	1 SIG/1 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2	DR
J17	HIFI DP2-AC-H	> HDP.- / tbd	1x021BS-38	-H49	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2	DR
J17	HIFI DP3-AC-H	> HDP.- / tbd	1x021BS-38	-H50	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2	DR
J17	HIFI DP4-AC-H	> HDP.- / tbd	1x021BS-38	-H51	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2	DR
J17	HIFI DP5-AC-H	> HDP.- / tbd	1x021BS-38	-H52	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2	DR

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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J21	HIFI MX1-V	> HMX.- / tbd	1x051SS-38	-H08	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2	DR
J21	HIFI MX2-V	> HMX.- / tbd	1x051SS-38	-H09	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2	DR
J21	HIFI MX3-V	> HMX.- / tbd	1x051SS-38	-H10	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2	DR
J21	HIFI MX4-V	> HMX.- / tbd	1x051SS-38	-H11	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2	DR
J21	HIFI MX5-V	> HMX.- / tbd	1x051SS-38	-H12	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2	DR
J21F	HIFI MX6-V	> HMX.- / tbd	1x051SS-38	-H13	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2	DR
J21	HIFI MX7-V	> HMX.- / tbd	1x051SS-38	-H14	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2	DR
J22	HIFI HT1-V	> HHT.- / tbd	1x021BS-38	-H27	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI MG1-V	> HMG.- / tbd	1x021BS-38	-H28	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI TS1-V	> HTS.- / tbd	1x041SS-38	-H70	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2	DR
J22	HIFI HT2-V	> HHT.- / tbd	1x021BS-38	-H29	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI MG2-V	> HMG.- / tbd	1x021BS-38	-H30	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI TS2-V	> HTS.- / tbd	1x041SS-38	-H71	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2	DR
J22	HIFI HT3-V	> HHT.- / tbd	1x021BS-38	-H31	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI MG3-V	> HMG.- / tbd	1x021BS-38	-H32	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI TS3-V	> HTS.- / tbd	1x041SS-38	-H72	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2	DR
J22	HIFI HT4-V	> HHT.- / tbd	1x021BS-38	-H33	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI MG4-V	> HMG.- / tbd	1x021BS-38	-H34	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI TS4-V	> HTS.- / tbd	1x041SS-38	-H73	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2	DR
J22	HIFI HT5-V	> HHT.- / tbd	1x021BS-38	-H35	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI MG5-V	> HMG.- / tbd	1x021BS-38	-H36	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI TS5-V	> HTS.- / tbd	1x041SS-38	-H74	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2	DR
J22F	HIFI HT6-V	> HHT.- / tbd	1x021BS-38	-H37	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI TS6-V	> HTS.- / tbd	1x041SS-38	-H75	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2	DR
J22	HIFI HT7-V	> HHT.- / tbd	1x021BS-38	-H38	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2	DR
	HIFI TS7-V	> HTS.- / tbd	1x041SS-38	-H76	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2	DR
J24	HIFI FIF1-V	> H1A.1 / tbd	1x111BS-30	-H46	8 SIG/1 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2	DR
J24	HIFI FIF2-V	> H1A.1 / tbd	1x111BS-30	-H47	8 SIG/1 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2	DR
J24	HIFI FIF3-V	> H1A.- / tbd	1x261BS-30	-H58	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2	DR

Astrium GmbH	Connector Allocation List	Doc.No. HP-2-ASED-IC-0001
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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J24	HIFI FIF4-V	> H1A.- / tbd	1x261BS-30	-H59	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2	DR
J24	HIFI FIF5-V	> H1A.- / tbd	1x261BS-30	-H60	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2	DR
J24F	HIFI FIF6-V	> H1A.- / tbd	1x261BS-30	-H61	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2	DR
J24	HIFI FIF7-V	> H1A.- / tbd	1x261BS-30	-H62	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2	DR
J25	HIFI SIF1-V	> H2A.- / tbd	1x111SS-38	-H84	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2	DR
J25	HIFI SIF2-V	> H2A.- / tbd	1x111SS-38	-H85	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2	DR
J25	HIFI SIF3-V	> H2A.- / tbd	1x111SS-38	-H86	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2	DR
J25	HIFI SIF4-V	> H2A.- / tbd	1x111SS-38	-H87	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2	DR
J25	HIFI SIF5-V	> H2A.- / tbd	1x111SS-38	-H88	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2	DR
J25F	HIFI SIF6-V	> H2A.- / tbd	1x111SS-38	-H89	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2	DR
J25	HIFI SIF7-V	> H2A.- / tbd	1x111SS-38	-H90	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2	DR
J26	HIFI CS-CR-TS-R	> HBC.- / tbd	1x041SS-38	-I01	2 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2	DR
	HIFI CS-HR-TS-R	> HBH.- / tbd	1x041SS-38	-H99	2 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2	DR
	HIFI ST-TS-R	> HBS.- / tbd	1x041SS-38	-I02	2 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2	DR
	HIFI CP-AC-R	> HCA.- / tbd	1x031BS-38	-I03	1 SUP/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2	DR
	HIFI CS-HT-R	> HCH.- / tbd	1x021SS-38	-I04	1 SUP/1 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2	DR
	HIFI CP-LT-PY-R	> HCP.- / tbd	1x031BS-38	-I05	1 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2	DR
	HIFI CP-LT-SY-R	> HCS.- / tbd	1x031SS-38	-I06	2 SIG/1 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2	DR
	HIFI IF2-TS-R	> HCW.- / tbd	1x041SS-38	-I07	2 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2	DR
J27	HIFI DP1-AC-V	> HDP.- / tbd	1x021BS-38	-H53	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2	DR
J27	HIFI DP2-AC-V	> HDP.- / tbd	1x021BS-38	-H54	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2	DR
J27	HIFI DP3-AC-V	> HDP.- / tbd	1x021BS-38	-H55	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2	DR
J27	HIFI DP4-AC-V	> HDP.- / tbd	1x021BS-38	-H56	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2	DR
J27	HIFI DP5-AC-V	> HDP.- / tbd	1x021BS-38	-H57	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2	DR
Item: 121220 HSJFS		EMC-Class: 2C/Sig Ha FPU-FTH							
J05	SPIRE Bol. SLW Ch01 (S01)	< SBC.- / tbd	1x021BS-38	-S01	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR

Astrium GmbH		Connector Allocation List	Doc.No. HP-2-ASED-IC-0001	
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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J05	SPIRE Bol. SLW Ch02 (S01)	< SBC.- / tbd	1x021BS-38	-S02	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch03 (S01)	< SBC.- / tbd	1x021BS-38	-S03	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch04 (S01)	< SBC.- / tbd	1x021BS-38	-S04	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch05 (S01)	< SBC.- / tbd	1x021BS-38	-S05	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch06 (S01)	< SBC.- / tbd	1x021BS-38	-S06	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch07 (S01)	< SBC.- / tbd	1x021BS-38	-S07	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch08 (S01)	< SBC.- / tbd	1x021BS-38	-S08	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch09 (S01)	< SBC.- / tbd	1x021BS-38	-S09	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch10 (S01)	< SBC.- / tbd	1x021BS-38	-S10	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch11	< SBC.- / tbd	1x021BS-38	-S11	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch12	< SBC.- / tbd	1x021BS-38	-S12	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD	DR
J06	SPIRE Bol. SLW Ch13	< SBC.- / tbd	1x021BS-38	-S13	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch14	< SBC.- / tbd	1x021BS-38	-S14	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch15	< SBC.- / tbd	1x021BS-38	-S15	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch16	< SBC.- / tbd	1x021BS-38	-S16	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch17	< SBC.- / tbd	1x021BS-38	-S17	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch18	< SBC.- / tbd	1x021BS-38	-S18	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch19	< SBC.- / tbd	1x021BS-38	-S19	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch20	< SBC.- / tbd	1x021BS-38	-S20	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch21	< SBC.- / tbd	1x021BS-38	-S21	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch22	< SBC.- / tbd	1x021BS-38	-S22	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch23	< SBC.- / tbd	1x021BS-38	-S23	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Ch24	< SBC.- / tbd	1x021BS-38	-S24	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD	DR
J09	SPIRE Bol. SLW Bias A1	< SXB.- / tbd	1x021BS-38	-S25	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SLW Bias A2	< SXB.- / tbd	1x021BS-38	-S26	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SSW Bias A1	< SXB.- / tbd	1x021BS-38	-S27	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD	DR
	SPIRE Bol. SSW Bias A2	< SXB.- / tbd	1x021BS-38	-S28	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD	DR

Astrium GmbH	Connector Allocation List	Doc.No. HP-2-ASED-IC-0001
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Con.	Channel Designation	Signal Type	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
J09	SPIRE Bol. SLW Htr A	< SXH.- / tbd	1x021BS-38	-S29	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38	CB_TBD DR
	SPIRE Bol.SSW Htr A	< SXH.- / tbd	1x021BS-38	-S30	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38	CB_TBD DR
J10	SPIRE Bol.SLW Bias B1	< SXB.- / tbd	1x021BS-38	-S31	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38	CB_TBD DR
	SPIRE Bol.SLW Bias B2	< SXB.- / tbd	1x021BS-38	-S32	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38	CB_TBD DR
	SPIRE Bol.SSW Bias B1	< SXB.- / tbd	1x021BS-38	-S33	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38	CB_TBD DR
	SPIRE Bol.SSW Bias B2	< SXB.- / tbd	1x021BS-38	-S34	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38	CB_TBD DR
	SPIRE Bol.SLW Htr B	< SXH.- / tbd	1x021BS-38	-S35	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38	CB_TBD DR
	SPIRE Bol.SSW Htr B	< SXH.- / tbd	1x021BS-38	-S36	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38	CB_TBD DR

Astrium GmbH

Project:
HERSCHEL

13.2 Functional Channel Allocation List

Cold to Warm

Doc.No. HP-2-ASED-IC-0001

Issue: Dr Date: 22.02.2002

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Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HH Units CVV IO (Item Code: 111*)											
HHFPU	111100 J11A	HIFI MX1-H	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H01	3 SIG/2 RTN	HHFCU	2B 112300 J11	211121 J15/P15 1x051SS-38 311200 J07/P07 1x051SS-38	DR
HHFPU	111100 J11B	HIFI MX2-H	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H02	3 SIG/2 RTN	HHFCU	2B 112300 J11	211121 J15/P15 1x051SS-38 311200 J07/P07 1x051SS-38	DR
HHFPU	111100 J11C	HIFI MX3-H	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H03	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J11D	HIFI MX4-H	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H04	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J11E	HIFI MX5-H	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H05	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J11F	HIFI MX6-H	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H06	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J11G	HIFI MX7-H	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H07	3 SIG/2 RTN	HHFCU	2B 112300 J11	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J12A	HIFI HT1-H	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H15	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12A	HIFI MG1-H	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H22	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12A	HIFI TS1-H	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H63	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J12B	HIFI HT2-H	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H16	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12B	HIFI MG2-H	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H23	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12B	HIFI TS2-H	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H64	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J12C	HIFI HT3-H	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H17	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12C	HIFI MG3-H	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H24	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12C	HIFI TS3-H	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H65	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J12D	HIFI HT4-H	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H18	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12D	HIFI MG4-H	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H25	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12D	HIFI TS4-H	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H66	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J12E	HIFI HT5-H	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H19	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12E	HIFI MG5-H	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H26	1 SIG/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12E	HIFI TS5-H	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H67	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J12F	HIFI HT6-H	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H20	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12F	HIFI MG6-H	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H21	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12F	HIFI TS6-H	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H68	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J12G	HIFI HT7-H	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H21	1 SUP/1 RTN	HHFCU	2B 112300 J12	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J12G	HIFI TS7-H	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H69	2 SIG/2 RTN	HHFCU	2B 112300 J13	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J14A	HIFI FIF1-H	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H39	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2 1x111BS-30	DR
HHFPU	111100 J14B	HIFI FIF2-H	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H40	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2 1x111BS-30	DR
HHFPU	111100 J14C	HIFI FIF3-H	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H41	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2 1x111BS-30	DR
HHFPU	111100 J14D	HIFI FIF4-H	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H42	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2 1x111BS-30	DR

Astrium GmbH

Functional Channel Allocation List

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Issue: Dr Date: 22.02.2002

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Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HHFPU	111100 J14E	HIFI FIF5-H	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H43	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2 1x111BS-30	DR
HHFPU	111100 J14F	HIFI FIF6-H	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H44	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2 1x111BS-30	DR
HHFPU	111100 J14G	HIFI FIF7-H	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H45	8 SIG/1 RTN	HHFCU	2B 112300 J14	CB_TBD JxC2/PxC2 1x111BS-30	DR
HHFPU	111100 J15A	HIFI SIF1-H	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H77	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J15B	HIFI SIF2-H	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H78	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J15C	HIFI SIF3-H	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H79	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J15D	HIFI SIF4-H	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H80	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J15E	HIFI SIF5-H	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H81	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J15F	HIFI SIF6-H	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H82	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J15G	HIFI SIF7-H	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H83	6 SIG/3 RTN	HHFCU	2B 112300 J15	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J16A	HIFI CS-CR-TS-P	> HBC.- / tbd	2C/SigCry	1x041SS-38	-H96	2 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J16A	HIFI CS-HR-TS-P	> HBH.- / tbd	2C/SigCry	1x041SS-38	-H95	2 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J16A	HIFI ST-TS-P	> HBS.- / tbd	2C/SigCry	1x041SS-38	-H97	2 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J16A	HIFI CP-AC-P	> HCA.- / tbd	2C/SigCry	1x031BS-38	-H91	1 SUP/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2 1x031BS-38	DR
HHFPU	111100 J16A	HIFI CS-HT-P	> HCH.- / tbd	2C/SigCry	1x021SS-38	-H94	1 SUP/1 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2 1x021SS-38	DR
HHFPU	111100 J16A	HIFI CP-LT-PY-P	> HCP.- / tbd	2C/SigCry	1x031BS-38	-H93	1 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2 1x031BS-38	DR
HHFPU	111100 J16A	HIFI CP-LT-SY-P	> HCS.- / tbd	2C/SigCry	1x031SS-38	-H92	2 SIG/1 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2 1x031SS-38	DR
HHFPU	111100 J16A	HIFI IF2-TS-P	> HCW.- / tbd	2C/SigCry	1x041SS-38	-H98	2 SIG/2 RTN	HHFCU	2B 112300 J16	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J17A	HIFI DP1-AC-H	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H48	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J17B	HIFI DP2-AC-H	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H49	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J17C	HIFI DP3-AC-H	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H50	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J17D	HIFI DP4-AC-H	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H51	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J17E	HIFI DP5-AC-H	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H52	1 SIG/1 RTN	HHFCU	2B 112300 J17	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J21A	HIFI MX1-V	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H08	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J21B	HIFI MX2-V	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H09	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J21C	HIFI MX3-V	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H10	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J21D	HIFI MX4-V	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H11	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J21E	HIFI MX5-V	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H12	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J21F	HIFI MX6-V	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H13	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J21G	HIFI MX7-V	> HMX.- / tbd	2C/SigCry	1x051SS-38	-H14	3 SIG/2 RTN	HHFCU	2B 112300 J21	CB_TBD JxC2/PxC2 1x051SS-38	DR
HHFPU	111100 J22A	HIFI HT1-V	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H27	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22A	HIFI MG1-V	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H28	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22A	HIFI TS1-V	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H70	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J22B	HIFI HT2-V	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H29	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR

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Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HHFPU	111100 J22B	HIFI MG2-V	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H30	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22B	HIFI TS2-V	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H71	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J22C	HIFI HT3-V	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H31	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22C	HIFI MG3-V	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H32	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22C	HIFI TS3-V	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H72	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J22D	HIFI HT4-V	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H33	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22D	HIFI MG4-V	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H34	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22D	HIFI TS4-V	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H73	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J22E	HIFI HT5-V	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H35	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22E	HIFI MG5-V	> HMG.- / tbd	2C/SigCry	1x021BS-38	-H36	1 SIG/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22E	HIFI TS5-V	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H74	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J22F	HIFI HT6-V	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H37	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22F	HIFI TS6-V	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H75	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J22G	HIFI HT7-V	> HHT.- / tbd	2C/SigCry	1x021BS-38	-H38	1 SUP/1 RTN	HHFCU	2B 112300 J22	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J22G	HIFI TS7-V	> HTS.- / tbd	2C/SigCry	1x041SS-38	-H76	2 SIG/2 RTN	HHFCU	2B 112300 J23	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J24A	HIFI FIF1-V	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H46	8 SIG/1 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2 1x111BS-30	DR
HHFPU	111100 J24B	HIFI FIF2-V	> H1A.1 / tbd	2C/SigCry	1x111BS-30	-H47	8 SIG/1 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2 1x111BS-30	DR
HHFPU	111100 J24C	HIFI FIF3-V	> H1A.- / tbd	2C/SigCry	1x261BS-30	-H58	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2 1x261BS-30	DR
HHFPU	111100 J24D	HIFI FIF4-V	> H1A.- / tbd	2C/SigCry	1x261BS-30	-H59	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2 1x261BS-30	DR
HHFPU	111100 J24E	HIFI FIF5-V	> H1A.- / tbd	2C/SigCry	1x261BS-30	-H60	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2 1x261BS-30	DR
HHFPU	111100 J24F	HIFI FIF6-V	> H1A.- / tbd	2C/SigCry	1x261BS-30	-H61	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2 1x261BS-30	DR
HHFPU	111100 J24G	HIFI FIF7-V	> H1A.- / tbd	2C/SigCry	1x261BS-30	-H62	20 SIG/6 RTN	HHFCU	2B 112300 J24	CB_TBD JxC2/PxC2 1x261BS-30	DR
HHFPU	111100 J25A	HIFI SIF1-V	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H84	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J25B	HIFI SIF2-V	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H85	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J25C	HIFI SIF3-V	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H86	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J25D	HIFI SIF4-V	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H87	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J25E	HIFI SIF5-V	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H88	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J25F	HIFI SIF6-V	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H89	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J25G	HIFI SIF7-V	> H2A.- / tbd	2C/SigCry	1x111SS-38	-H90	6 SIG/3 RTN	HHFCU	2B 112300 J25	CB_TBD JxC2/PxC2 1x111SS-38	DR
HHFPU	111100 J26A	HIFI CS-CR-TS-R	> HBC.- / tbd	2C/SigCry	1x041SS-38	-I01	2 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J26A	HIFI CS-HR-TS-R	> HBH.- / tbd	2C/SigCry	1x041SS-38	-H99	2 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J26A	HIFI ST-TS-R	> HBS.- / tbd	2C/SigCry	1x041SS-38	-I02	2 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J26A	HIFI CP-AC-R	> HCA.- / tbd	2C/SigCry	1x031BS-38	-I03	1 SUP/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2 1x031BS-38	DR
HHFPU	111100 J26A	HIFI CS-HT-R	> HCH.- / tbd	2C/SigCry	1x021SS-38	-I04	1 SUP/1 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2 1x021SS-38	DR

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Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HHFPU	111100 J26A	HIFI CP-LT-PY-R	> HCP.- / tbd	2C/SigCry	1x031BS-38	-I05	1 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2 1x031BS-38	DR
HHFPU	111100 J26A	HIFI CP-LT-SY-R	> HCS.- / tbd	2C/SigCry	1x031SS-38	-I06	2 SIG/1 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2 1x031SS-38	DR
HHFPU	111100 J26A	HIFI IF2-TS-R	> HCW.- / tbd	2C/SigCry	1x041SS-38	-I07	2 SIG/2 RTN	HHFCU	2B 112300 J26	CB_TBD JxC2/PxC2 1x041SS-38	DR
HHFPU	111100 J27A	HIFI DP1-AC-V	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H53	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J27B	HIFI DP2-AC-V	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H54	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J27C	HIFI DP3-AC-V	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H55	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J27D	HIFI DP4-AC-V	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H56	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2 1x021BS-38	DR
HHFPU	111100 J27E	HIFI DP5-AC-V	> HDP.- / tbd	2C/SigCry	1x021BS-38	-H57	1 SIG/1 RTN	HHFCU	2B 112300 J27	CB_TBD JxC2/PxC2 1x021BS-38	DR

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Project:
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Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HH SVM Units (Item Code: 112*)											
HHFCU	112300 J11	HIFI MX1-H	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H01	3 SIG/2 RTN	HHFPU	2C 111100 J11A	1x051SS-38 311200 P07/J07 1x051SS-38 211121 P15/J15	DR
HHFCU	112300 J11	HIFI MX2-H	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H02	3 SIG/2 RTN	HHFPU	2C 111100 J11B	1x051SS-38 311200 P07/J07 1x051SS-38 211121 P15/J15	DR
HHFCU	112300 J11	HIFI MX3-H	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H03	3 SIG/2 RTN	HHFPU	2C 111100 J11C	1x051SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J11	HIFI MX4-H	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H04	3 SIG/2 RTN	HHFPU	2C 111100 J11D	1x051SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J11	HIFI MX5-H	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H05	3 SIG/2 RTN	HHFPU	2C 111100 J11E	1x051SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J11	HIFI MX6-H	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H06	3 SIG/2 RTN	HHFPU	2C 111100 J11F	1x051SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J11	HIFI MX7-H	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H07	3 SIG/2 RTN	HHFPU	2C 111100 J11G	1x051SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI HT1-H	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H15	1 SUP/1 RTN	HHFPU	2C 111100 J12A	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI MG1-H	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H22	1 SIG/1 RTN	HHFPU	2C 111100 J12A	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI HT2-H	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H16	1 SUP/1 RTN	HHFPU	2C 111100 J12B	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI MG2-H	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H23	1 SIG/1 RTN	HHFPU	2C 111100 J12B	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI HT3-H	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H17	1 SUP/1 RTN	HHFPU	2C 111100 J12C	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI MG3-H	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H24	1 SIG/1 RTN	HHFPU	2C 111100 J12C	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI HT4-H	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H18	1 SUP/1 RTN	HHFPU	2C 111100 J12D	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI MG4-H	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H25	1 SIG/1 RTN	HHFPU	2C 111100 J12D	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI HT5-H	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H19	1 SUP/1 RTN	HHFPU	2C 111100 J12E	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI MG5-H	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H26	1 SIG/1 RTN	HHFPU	2C 111100 J12E	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI HT6-H	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H20	1 SUP/1 RTN	HHFPU	2C 111100 J12F	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J12	HIFI HT7-H	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H21	1 SUP/1 RTN	HHFPU	2C 111100 J12G	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J13	HIFI TS1-H	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H63	2 SIG/2 RTN	HHFPU	2C 111100 J12A	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J13	HIFI TS2-H	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H64	2 SIG/2 RTN	HHFPU	2C 111100 J12B	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J13	HIFI TS3-H	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H65	2 SIG/2 RTN	HHFPU	2C 111100 J12C	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J13	HIFI TS4-H	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H66	2 SIG/2 RTN	HHFPU	2C 111100 J12D	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J13	HIFI TS5-H	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H67	2 SIG/2 RTN	HHFPU	2C 111100 J12E	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J13	HIFI TS6-H	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H68	2 SIG/2 RTN	HHFPU	2C 111100 J12F	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J13	HIFI TS7-H	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H69	2 SIG/2 RTN	HHFPU	2C 111100 J12G	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J14	HIFI FIF1-H	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H39	8 SIG/1 RTN	HHFPU	2C 111100 J14A	1x111BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J14	HIFI FIF2-H	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H40	8 SIG/1 RTN	HHFPU	2C 111100 J14B	1x111BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J14	HIFI FIF3-H	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H41	8 SIG/1 RTN	HHFPU	2C 111100 J14C	1x111BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J14	HIFI FIF4-H	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H42	8 SIG/1 RTN	HHFPU	2C 111100 J14D	1x111BS-30 CB_TBD PxC2/JxC2	DR

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Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HHFCU	112300 J14	HIFI FIF5-H	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H43	8 SIG/1 RTN	HHFPU	2C 111100 J14E	1x111BS-30 CB_TBD Px2/JxC2	DR
HHFCU	112300 J14	HIFI FIF6-H	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H44	8 SIG/1 RTN	HHFPU	2C 111100 J14F	1x111BS-30 CB_TBD Px2/JxC2	DR
HHFCU	112300 J14	HIFI FIF7-H	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H45	8 SIG/1 RTN	HHFPU	2C 111100 J14G	1x111BS-30 CB_TBD Px2/JxC2	DR
HHFCU	112300 J15	HIFI SIF1-H	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H77	6 SIG/3 RTN	HHFPU	2C 111100 J15A	1x111SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J15	HIFI SIF2-H	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H78	6 SIG/3 RTN	HHFPU	2C 111100 J15B	1x111SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J15	HIFI SIF3-H	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H79	6 SIG/3 RTN	HHFPU	2C 111100 J15C	1x111SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J15	HIFI SIF4-H	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H80	6 SIG/3 RTN	HHFPU	2C 111100 J15D	1x111SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J15	HIFI SIF5-H	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H81	6 SIG/3 RTN	HHFPU	2C 111100 J15E	1x111SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J15	HIFI SIF6-H	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H82	6 SIG/3 RTN	HHFPU	2C 111100 J15F	1x111SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J15	HIFI SIF7-H	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H83	6 SIG/3 RTN	HHFPU	2C 111100 J15G	1x111SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J15	HIFI DP1-AC-H	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H48	1 SIG/1 RTN	HHFPU	2C 111100 J17A	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J16	HIFI CS-CR-TS-P	< HBC.- / tbd	2B/SigBr	1x041SS-38	-H96	2 SIG/2 RTN	HHFPU	2C 111100 J16A	1x041SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J16	HIFI CS-HR-TS-P	< HBH.- / tbd	2B/SigBr	1x041SS-38	-H95	2 SIG/2 RTN	HHFPU	2C 111100 J16A	1x041SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J16	HIFI ST-TS-P	< HBS.- / tbd	2B/SigBr	1x041SS-38	-H97	2 SIG/2 RTN	HHFPU	2C 111100 J16A	1x041SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J16	HIFI CP-AC-P	< HCA.- / tbd	2B/SigBr	1x031BS-38	-H91	1 SUP/2 RTN	HHFPU	2C 111100 J16A	1x031BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J16	HIFI CS-HT-P	< HCH.- / tbd	2B/SigBr	1x021SS-38	-H94	1 SUP/1 RTN	HHFPU	2C 111100 J16A	1x021SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J16	HIFI CP-LT-PY-P	< HCP.- / tbd	2B/SigBr	1x031BS-38	-H93	1 SIG/2 RTN	HHFPU	2C 111100 J16A	1x031BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J16	HIFI CP-LT-SY-P	< HCS.- / tbd	2B/SigBr	1x031SS-38	-H92	2 SIG/1 RTN	HHFPU	2C 111100 J16A	1x031SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J16	HIFI IF2-TS-P	< HCW.- / tbd	2B/SigBr	1x041SS-38	-H98	2 SIG/2 RTN	HHFPU	2C 111100 J16A	1x041SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J17	HIFI DP2-AC-H	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H49	1 SIG/1 RTN	HHFPU	2C 111100 J17B	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J17	HIFI DP3-AC-H	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H50	1 SIG/1 RTN	HHFPU	2C 111100 J17C	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J17	HIFI DP4-AC-H	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H51	1 SIG/1 RTN	HHFPU	2C 111100 J17D	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J17	HIFI DP5-AC-H	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H52	1 SIG/1 RTN	HHFPU	2C 111100 J17E	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J21	HIFI MX1-V	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H08	3 SIG/2 RTN	HHFPU	2C 111100 J21A	1x051SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J21	HIFI MX2-V	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H09	3 SIG/2 RTN	HHFPU	2C 111100 J21B	1x051SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J21	HIFI MX3-V	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H10	3 SIG/2 RTN	HHFPU	2C 111100 J21C	1x051SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J21	HIFI MX4-V	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H11	3 SIG/2 RTN	HHFPU	2C 111100 J21D	1x051SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J21	HIFI MX5-V	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H12	3 SIG/2 RTN	HHFPU	2C 111100 J21E	1x051SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J21	HIFI MX6-V	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H13	3 SIG/2 RTN	HHFPU	2C 111100 J21F	1x051SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J21	HIFI MX7-V	< HMX.- / tbd	2B/SigBr	1x051SS-38	-H14	3 SIG/2 RTN	HHFPU	2C 111100 J21G	1x051SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J22	HIFI HT1-V	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H27	1 SUP/1 RTN	HHFPU	2C 111100 J22A	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J22	HIFI MG1-V	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H28	1 SIG/1 RTN	HHFPU	2C 111100 J22A	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J22	HIFI HT2-V	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H29	1 SUP/1 RTN	HHFPU	2C 111100 J22B	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J22	HIFI MG2-V	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H30	1 SIG/1 RTN	HHFPU	2C 111100 J22B	1x021BS-38 CB_TBD Px2/JxC2	DR

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HHFCU	112300 J22	HIFI HT3-V	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H31	1 SUP/1 RTN	HHFPU	2C 111100 J22C	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J22	HIFI MG3-V	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H32	1 SIG/1 RTN	HHFPU	2C 111100 J22C	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J22	HIFI HT4-V	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H33	1 SUP/1 RTN	HHFPU	2C 111100 J22D	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J22	HIFI MG4-V	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H34	1 SIG/1 RTN	HHFPU	2C 111100 J22D	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J22	HIFI HT5-V	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H35	1 SUP/1 RTN	HHFPU	2C 111100 J22E	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J22	HIFI MG5-V	< HMG.- / tbd	2B/SigBr	1x021BS-38	-H36	1 SIG/1 RTN	HHFPU	2C 111100 J22E	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J22	HIFI HT6-V	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H37	1 SUP/1 RTN	HHFPU	2C 111100 J22F	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J22	HIFI HT7-V	< HHT.- / tbd	2B/SigBr	1x021BS-38	-H38	1 SUP/1 RTN	HHFPU	2C 111100 J22G	1x021BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J23	HIFI TS1-V	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H70	2 SIG/2 RTN	HHFPU	2C 111100 J22A	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J23	HIFI TS2-V	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H71	2 SIG/2 RTN	HHFPU	2C 111100 J22B	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J23	HIFI TS3-V	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H72	2 SIG/2 RTN	HHFPU	2C 111100 J22C	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J23	HIFI TS4-V	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H73	2 SIG/2 RTN	HHFPU	2C 111100 J22D	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J23	HIFI TS5-V	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H74	2 SIG/2 RTN	HHFPU	2C 111100 J22E	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J23	HIFI TS6-V	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H75	2 SIG/2 RTN	HHFPU	2C 111100 J22F	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J23	HIFI TS7-V	< HTS.- / tbd	2B/SigBr	1x041SS-38	-H76	2 SIG/2 RTN	HHFPU	2C 111100 J22G	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J24	HIFI FIF1-V	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H46	8 SIG/1 RTN	HHFPU	2C 111100 J24A	1x111BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J24	HIFI FIF2-V	< H1A.1 / tbd	2B/SigBr	1x111BS-30	-H47	8 SIG/1 RTN	HHFPU	2C 111100 J24B	1x111BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J24	HIFI FIF3-V	< H1A.- / tbd	2B/SigBr	1x261BS-30	-H58	20 SIG/6 RTN	HHFPU	2C 111100 J24C	1x261BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J24	HIFI FIF4-V	< H1A.- / tbd	2B/SigBr	1x261BS-30	-H59	20 SIG/6 RTN	HHFPU	2C 111100 J24D	1x261BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J24	HIFI FIF5-V	< H1A.- / tbd	2B/SigBr	1x261BS-30	-H60	20 SIG/6 RTN	HHFPU	2C 111100 J24E	1x261BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J24	HIFI FIF6-V	< H1A.- / tbd	2B/SigBr	1x261BS-30	-H61	20 SIG/6 RTN	HHFPU	2C 111100 J24F	1x261BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J24	HIFI FIF7-V	< H1A.- / tbd	2B/SigBr	1x261BS-30	-H62	20 SIG/6 RTN	HHFPU	2C 111100 J24G	1x261BS-30 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J25	HIFI SIF1-V	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H84	6 SIG/3 RTN	HHFPU	2C 111100 J25A	1x111SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J25	HIFI SIF2-V	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H85	6 SIG/3 RTN	HHFPU	2C 111100 J25B	1x111SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J25	HIFI SIF3-V	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H86	6 SIG/3 RTN	HHFPU	2C 111100 J25C	1x111SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J25	HIFI SIF4-V	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H87	6 SIG/3 RTN	HHFPU	2C 111100 J25D	1x111SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J25	HIFI SIF5-V	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H88	6 SIG/3 RTN	HHFPU	2C 111100 J25E	1x111SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J25	HIFI SIF6-V	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H89	6 SIG/3 RTN	HHFPU	2C 111100 J25F	1x111SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J25	HIFI SIF7-V	< H2A.- / tbd	2B/SigBr	1x111SS-38	-H90	6 SIG/3 RTN	HHFPU	2C 111100 J25G	1x111SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J26	HIFI CS-CR-TS-R	< HBC.- / tbd	2B/SigBr	1x041SS-38	-I01	2 SIG/2 RTN	HHFPU	2C 111100 J26A	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J26	HIFI CS-HR-TS-R	< HBH.- / tbd	2B/SigBr	1x041SS-38	-H99	2 SIG/2 RTN	HHFPU	2C 111100 J26A	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J26	HIFI ST-TS-R	< HBS.- / tbd	2B/SigBr	1x041SS-38	-I02	2 SIG/2 RTN	HHFPU	2C 111100 J26A	1x041SS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J26	HIFI CP-AC-R	< HCA.- / tbd	2B/SigBr	1x031BS-38	-I03	1 SUP/2 RTN	HHFPU	2C 111100 J26A	1x031BS-38 CB_TBD PxC2/JxC2	DR
HHFCU	112300 J26	HIFI CS-HT-R	< HCH.- / tbd	2B/SigBr	1x021SS-38	-I04	1 SUP/1 RTN	HHFPU	2C 111100 J26A	1x021SS-38 CB_TBD PxC2/JxC2	DR

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HHFCU	112300 J26	HIFI CP-LT-PY-R	< HCP.- / tbd	2B/SigBr	1x031BS-38	-I05	1 SIG/2 RTN	HHFPU	2C 111100 J26A	1x031BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J26	HIFI CP-LT-SY-R	< HCS.- / tbd	2B/SigBr	1x031SS-38	-I06	2 SIG/1 RTN	HHFPU	2C 111100 J26A	1x031SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J26	HIFI IF2-TS-R	< HCW.- / tbd	2B/SigBr	1x041SS-38	-I07	2 SIG/2 RTN	HHFPU	2C 111100 J26A	1x041SS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J27	HIFI DP1-AC-V	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H53	1 SIG/1 RTN	HHFPU	2C 111100 J27A	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J27	HIFI DP2-AC-V	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H54	1 SIG/1 RTN	HHFPU	2C 111100 J27B	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J27	HIFI DP3-AC-V	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H55	1 SIG/1 RTN	HHFPU	2C 111100 J27C	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J27	HIFI DP4-AC-V	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H56	1 SIG/1 RTN	HHFPU	2C 111100 J27D	1x021BS-38 CB_TBD Px2/JxC2	DR
HHFCU	112300 J27	HIFI DP5-AC-V	< HDP.- / tbd	2B/SigBr	1x021BS-38	-H57	1 SIG/1 RTN	HHFPU	2C 111100 J27E	1x021BS-38 CB_TBD Px2/JxC2	DR

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Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HS Units CVV IO (Item Code: 121*)											
					Harness Type				Harness Type		
HSJFS	121220 J05	SPIRE Bol. SLW Ch01 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S01	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch02 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S02	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch03 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S03	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch04 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S04	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch05 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S05	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch06 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S06	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch07 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S07	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch08 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S08	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch09 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S09	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch10 (S01)	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S10	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch11	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S11	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J05	SPIRE Bol. SLW Ch12	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S12	2 SIG/0 RTN	HSDCU	2B 122300 J27	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch13	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S13	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch14	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S14	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch15	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S15	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch16	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S16	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch17	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S17	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch18	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S18	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch19	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S19	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch20	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S20	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch21	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S21	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch22	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S22	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch23	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S23	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J06	SPIRE Bol. SLW Ch24	< SBC.- / tbd	2C/SigCry	1x021BS-38	-S24	2 SIG/0 RTN	HSDCU	2B 122300 J28	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J09	SPIRE Bol.SLW Bias A1	< SXB.- / tbd	2C/SigCry	1x021BS-38	-S25	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J09	SPIRE Bol.SLW Bias A2	< SXB.- / tbd	2C/SigCry	1x021BS-38	-S26	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J09	SPIRE Bol.SSW Bias A1	< SXB.- / tbd	2C/SigCry	1x021BS-38	-S27	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J09	SPIRE Bol.SSW Bias A2	< SXB.- / tbd	2C/SigCry	1x021BS-38	-S28	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J09	SPIRE Bol. SLW Htr A	< SXH.- / tbd	2C/SigCry	1x021BS-38	-S29	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J09	SPIRE Bol.SSW Htr A	< SXH.- / tbd	2C/SigCry	1x021BS-38	-S30	2 SIG/0 RTN	HSDCU	2B 122300 J33	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J10	SPIRE Bol.SLW Bias B1	< SXB.- / tbd	2C/SigCry	1x021BS-38	-S31	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38 CB_TBD Px82/JxB2	DR
HSJFS	121220 J10	SPIRE Bol.SLW Bias B2	< SXB.- / tbd	2C/SigCry	1x021BS-38	-S32	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38 CB_TBD Px82/JxB2	DR

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Functional Channel Allocation List

Doc.No. HP-2-ASED-IC-0001

Issue: Dr Date: 22.02.2002

Sheet: FAL-10 (of 12)

Project:
HERSCHEL

Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HSJFS	121220 J10	SPIRE Bol.SSW Bias B1	< SXB.- / tbd	2C/SigCry	1x021BS-38	-S33	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38 CB_TBD PxB2/JxB2	DR
HSJFS	121220 J10	SPIRE Bol.SSW Bias B2	< SXB.- / tbd	2C/SigCry	1x021BS-38	-S34	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38 CB_TBD PxB2/JxB2	DR
HSJFS	121220 J10	SPIRE Bol.SLW Htr B	< SXH.- / tbd	2C/SigCry	1x021BS-38	-S35	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38 CB_TBD PxB2/JxB2	DR
HSJFS	121220 J10	SPIRE Bol.SSW Htr B	< SXH.- / tbd	2C/SigCry	1x021BS-38	-S36	2 SIG/0 RTN	HSDCU	2B 122300 J34	1x021BS-38 CB_TBD PxB2/JxB2	DR

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Functional Channel Allocation List

Doc.No. HP-2-ASED-IC-0001

Issue: Dr Date: 22.02.2002

Sheet: FAL-11 (of 12)

Project:
HERSCHEL

Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HS SVM Units (Item Code: 122*)											
HSDCU	122300 J27	SPIRE Bol. SLW Ch01 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S01	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch02 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S02	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch03 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S03	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch04 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S04	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch05 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S05	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch06 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S06	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch07 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S07	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch08 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S08	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch09 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S09	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch10 (S01)	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S10	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch11	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S11	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J27	SPIRE Bol. SLW Ch12	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S12	2 SIG/0 RTN	HSJFS	2C 121220 J05	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch13	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S13	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch14	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S14	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch15	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S15	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch16	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S16	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch17	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S17	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch18	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S18	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch19	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S19	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch20	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S20	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch21	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S21	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch22	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S22	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch23	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S23	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J28	SPIRE Bol. SLW Ch24	> SBC.- / tbd	2B/SigBr	1x021BS-38	-S24	2 SIG/0 RTN	HSJFS	2C 121220 J06	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J33	SPIRE Bol.SLW Bias A1	> SXB.- / tbd	2B/SigBr	1x021BS-38	-S25	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J33	SPIRE Bol.SLW Bias A2	> SXB.- / tbd	2B/SigBr	1x021BS-38	-S26	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J33	SPIRE Bol.SSW Bias A1	> SXB.- / tbd	2B/SigBr	1x021BS-38	-S27	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J33	SPIRE Bol.SSW Bias A2	> SXB.- / tbd	2B/SigBr	1x021BS-38	-S28	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J33	SPIRE Bol. SLW Htr A	> SXH.- / tbd	2B/SigBr	1x021BS-38	-S29	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J33	SPIRE Bol.SSW Htr A	> SXH.- / tbd	2B/SigBr	1x021BS-38	-S30	2 SIG/0 RTN	HSJFS	2C 121220 J09	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J34	SPIRE Bol.SLW Bias B1	> SXB.- / tbd	2B/SigBr	1x021BS-38	-S31	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J34	SPIRE Bol.SLW Bias B2	> SXB.- / tbd	2B/SigBr	1x021BS-38	-S32	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2 1x021BS-38	DR

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Functional Channel Allocation List

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Project:
HERSCHEL

Item	Connector	Channel Designation	Signal Type	EMC-Cat.	Wiring	Ch. ID	No. of Lines	Target Item	Connector	Via	New
HSDCU	122300 J34	SPIRE Bol.SSW Bias B1	> SXB.- / tbd	2B/SigBr	1x021BS-38	-S33	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J34	SPIRE Bol.SSW Bias B2	> SXB.- / tbd	2B/SigBr	1x021BS-38	-S34	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J34	SPIRE Bol.SLW Htr B	> SXH.- / tbd	2B/SigBr	1x021BS-38	-S35	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2 1x021BS-38	DR
HSDCU	122300 J34	SPIRE Bol.SSW Htr B	> SXH.- / tbd	2B/SigBr	1x021BS-38	-S36	2 SIG/0 RTN	HSJFS	2C 121220 J10	CB_TBD JxB2/PxB2 1x021BS-38	DR

EMC-Category: 2B/Sig Ha Box-SVMCB

Functional Lines between item HSJFS (121220)

and HSDCU (122300)

by EMC Cloud

Channel Designation	Channel ID	from	to	Signal Code	No. of Lines	New
SPIRE Bol. SLW Ch01 (S01)	-S01	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch02 (S01)	-S02	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch03 (S01)	-S03	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch04 (S01)	-S04	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch05 (S01)	-S05	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch06 (S01)	-S06	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch07 (S01)	-S07	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch08 (S01)	-S08	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch09 (S01)	-S09	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch10 (S01)	-S10	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch11	-S11	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch12	-S12	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch13	-S13	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch14	-S14	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch15	-S15	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch16	-S16	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch17	-S17	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch18	-S18	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch19	-S19	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch20	-S20	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch21	-S21	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch22	-S22	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch23	-S23	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Ch24	-S24	HSDCU	HSJFS	SBC	2 SIG/0 RTN	DR
SPIRE Bol. SLW Bias A1	-S25	HSDCU	HSJFS	SXB	2 SIG/0 RTN	DR
SPIRE Bol. SLW Bias A2	-S26	HSDCU	HSJFS	SXB	2 SIG/0 RTN	DR
SPIRE Bol. SSW Bias A1	-S27	HSDCU	HSJFS	SXB	2 SIG/0 RTN	DR
SPIRE Bol. SSW Bias A2	-S28	HSDCU	HSJFS	SXB	2 SIG/0 RTN	DR
SPIRE Bol. SLW Bias B1	-S31	HSDCU	HSJFS	SXB	2 SIG/0 RTN	DR
SPIRE Bol. SLW Bias B2	-S32	HSDCU	HSJFS	SXB	2 SIG/0 RTN	DR
SPIRE Bol. SSW Bias B1	-S33	HSDCU	HSJFS	SXB	2 SIG/0 RTN	DR
SPIRE Bol. SSW Bias B2	-S34	HSDCU	HSJFS	SXB	2 SIG/0 RTN	DR
SPIRE Bol. SLW Htr A	-S29	HSDCU	HSJFS	SXH	2 SIG/0 RTN	DR
SPIRE Bol. SSW Htr A	-S30	HSDCU	HSJFS	SXH	2 SIG/0 RTN	DR
SPIRE Bol. SLW Htr B	-S35	HSDCU	HSJFS	SXH	2 SIG/0 RTN	DR
SPIRE Bol. SSW Htr B	-S36	HSDCU	HSJFS	SXH	2 SIG/0 RTN	DR

Number of Channels: 36

EMC-Category: 2C/Sig Ha FPU-FTH

Functional Lines between item HHFPU (111100)
and HHFCU (112300)

Channel Designation	Channel ID	from	to	Signal Code	No. of Lines	New
HIFI FIF3-V	-H58	HHFPU	HHFCU	H1A	20 SIG/6 RTN	DR
HIFI FIF4-V	-H59	HHFPU	HHFCU	H1A	20 SIG/6 RTN	DR
HIFI FIF5-V	-H60	HHFPU	HHFCU	H1A	20 SIG/6 RTN	DR
HIFI FIF6-V	-H61	HHFPU	HHFCU	H1A	20 SIG/6 RTN	DR
HIFI FIF7-V	-H62	HHFPU	HHFCU	H1A	20 SIG/6 RTN	DR
HIFI FIF1-H	-H39	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI FIF2-H	-H40	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI FIF3-H	-H41	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI FIF4-H	-H42	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI FIF5-H	-H43	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI FIF6-H	-H44	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI FIF7-H	-H45	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI FIF1-V	-H46	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI FIF2-V	-H47	HHFPU	HHFCU	H1A	8 SIG/1 RTN	DR
HIFI SIF1-H	-H77	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF2-H	-H78	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF3-H	-H79	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF4-H	-H80	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF5-H	-H81	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF6-H	-H82	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF7-H	-H83	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF1-V	-H84	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF2-V	-H85	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF3-V	-H86	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF4-V	-H87	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF5-V	-H88	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF6-V	-H89	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI SIF7-V	-H90	HHFPU	HHFCU	H2A	6 SIG/3 RTN	DR
HIFI CS-CR-TS-P	-H96	HHFPU	HHFCU	HBC	2 SIG/2 RTN	DR
HIFI CS-CR-TS-R	-I01	HHFPU	HHFCU	HBC	2 SIG/2 RTN	DR
HIFI CS-HR-TS-P	-H95	HHFPU	HHFCU	HBH	2 SIG/2 RTN	DR
HIFI CS-HR-TS-R	-H99	HHFPU	HHFCU	HBH	2 SIG/2 RTN	DR
HIFI ST-TS-P	-H97	HHFPU	HHFCU	HBS	2 SIG/2 RTN	DR
HIFI ST-TS-R	-I02	HHFPU	HHFCU	HBS	2 SIG/2 RTN	DR
HIFI CP-AC-P	-H91	HHFPU	HHFCU	HCA	1 SUP/2 RTN	DR
HIFI CP-AC-R	-I03	HHFPU	HHFCU	HCA	1 SUP/2 RTN	DR
HIFI CS-HT-P	-H94	HHFPU	HHFCU	HCH	1 SUP/1 RTN	DR
HIFI CS-HT-R	-I04	HHFPU	HHFCU	HCH	1 SUP/1 RTN	DR
HIFI CP-LT-PY-P	-H93	HHFPU	HHFCU	HCP	1 SIG/2 RTN	DR
HIFI CP-LT-PY-R	-I05	HHFPU	HHFCU	HCP	1 SIG/2 RTN	DR
HIFI CP-LT-SY-P	-H92	HHFPU	HHFCU	HCS	2 SIG/1 RTN	DR
HIFI CP-LT-SY-R	-I06	HHFPU	HHFCU	HCS	2 SIG/1 RTN	DR
HIFI IF2-TS-P	-H98	HHFPU	HHFCU	HCW	2 SIG/2 RTN	DR
HIFI IF2-TS-R	-I07	HHFPU	HHFCU	HCW	2 SIG/2 RTN	DR
HIFI DP1-AC-H	-H48	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI DP2-AC-H	-H49	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI DP3-AC-H	-H50	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI DP4-AC-H	-H51	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI DP5-AC-H	-H52	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI DP1-AC-V	-H53	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI DP2-AC-V	-H54	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR

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HIFI DP3-AC-V	-H55	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI DP4-AC-V	-H56	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI DP5-AC-V	-H57	HHFPU	HHFCU	HDP	1 SIG/1 RTN	DR
HIFI HT1-H	-H15	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT2-H	-H16	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT3-H	-H17	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT4-H	-H18	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT5-H	-H19	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT6-H	-H20	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT7-H	-H21	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT1-V	-H27	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT2-V	-H29	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT3-V	-H31	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT4-V	-H33	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT5-V	-H35	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT6-V	-H37	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI HT7-V	-H38	HHFPU	HHFCU	HHT	1 SUP/1 RTN	DR
HIFI MG1-H	-H22	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG2-H	-H23	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG3-H	-H24	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG4-H	-H25	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG5-H	-H26	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG1-V	-H28	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG2-V	-H30	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG3-V	-H32	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG4-V	-H34	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MG5-V	-H36	HHFPU	HHFCU	HMG	1 SIG/1 RTN	DR
HIFI MX1-H	-H01	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX2-H	-H02	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX3-H	-H03	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX4-H	-H04	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX5-H	-H05	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX6-H	-H06	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX7-H	-H07	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX1-V	-H08	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX2-V	-H09	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX3-V	-H10	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX4-V	-H11	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX5-V	-H12	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX6-V	-H13	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI MX7-V	-H14	HHFPU	HHFCU	HMX	3 SIG/2 RTN	DR
HIFI TS1-H	-H63	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS2-H	-H64	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS3-H	-H65	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS4-H	-H66	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS5-H	-H67	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS6-H	-H68	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS7-H	-H69	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS1-V	-H70	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS2-V	-H71	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS3-V	-H72	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS4-V	-H73	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS5-V	-H74	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS6-V	-H75	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR
HIFI TS7-V	-H76	HHFPU	HHFCU	HTS	2 SIG/2 RTN	DR

Number of Channels: 106

Project:
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Functional Lines between item HHFPU (111100)
and HHFCU (112300)

Selected by Item

Channel Designation	Channel ID	from	to	Signal Code	No. of Lines	EMC-Category
HIFI FIF3-V	-H58	HHFPU	HHFCU	H1A	20 SIG/6 RTN	2C/Sig Ha FPU-FTH
HIFI FIF4-V	-H59	HHFPU	HHFCU	H1A	20 SIG/6 RTN	2C/Sig Ha FPU-FTH
HIFI FIF5-V	-H60	HHFPU	HHFCU	H1A	20 SIG/6 RTN	2C/Sig Ha FPU-FTH
HIFI FIF6-V	-H61	HHFPU	HHFCU	H1A	20 SIG/6 RTN	2C/Sig Ha FPU-FTH
HIFI FIF7-V	-H62	HHFPU	HHFCU	H1A	20 SIG/6 RTN	2C/Sig Ha FPU-FTH
HIFI FIF1-H	-H39	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI FIF2-H	-H40	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI FIF3-H	-H41	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI FIF4-H	-H42	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI FIF5-H	-H43	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI FIF6-H	-H44	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI FIF7-H	-H45	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI FIF1-V	-H46	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI FIF2-V	-H47	HHFPU	HHFCU	H1A	8 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI SIF1-H	-H77	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF2-H	-H78	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF3-H	-H79	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF4-H	-H80	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF5-H	-H81	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF6-H	-H82	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF7-H	-H83	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF1-V	-H84	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF2-V	-H85	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF3-V	-H86	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF4-V	-H87	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF5-V	-H88	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF6-V	-H89	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI SIF7-V	-H90	HHFPU	HHFCU	H2A	6 SIG/3 RTN	2C/Sig Ha FPU-FTH
HIFI CS-CR-TS-P	-H96	HHFPU	HHFCU	HBC	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI CS-CR-TS-R	-I01	HHFPU	HHFCU	HBC	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI CS-HR-TS-P	-H95	HHFPU	HHFCU	HBH	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI CS-HR-TS-R	-H99	HHFPU	HHFCU	HBH	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI ST-TS-P	-H97	HHFPU	HHFCU	HBS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI ST-TS-R	-I02	HHFPU	HHFCU	HBS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI CP-AC-P	-H91	HHFPU	HHFCU	HCA	1 SUP/2 RTN	2C/Sig Ha FPU-FTH
HIFI CP-AC-R	-I03	HHFPU	HHFCU	HCA	1 SUP/2 RTN	2C/Sig Ha FPU-FTH
HIFI CS-HT-P	-H94	HHFPU	HHFCU	HCH	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI CS-HT-R	-I04	HHFPU	HHFCU	HCH	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI CP-LT-PY-P	-H93	HHFPU	HHFCU	HCP	1 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI CP-LT-PY-R	-I05	HHFPU	HHFCU	HCP	1 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI CP-LT-SY-P	-H92	HHFPU	HHFCU	HCS	2 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI CP-LT-SY-R	-I06	HHFPU	HHFCU	HCS	2 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI IF2-TS-P	-H98	HHFPU	HHFCU	HCW	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI IF2-TS-R	-I07	HHFPU	HHFCU	HCW	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI DP1-AC-H	-H48	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI DP2-AC-H	-H49	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI DP3-AC-H	-H50	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI DP4-AC-H	-H51	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI DP5-AC-H	-H52	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI DP1-AC-V	-H53	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI DP2-AC-V	-H54	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI DP3-AC-V	-H55	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI DP4-AC-V	-H56	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH

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HIFI DP5-AC-V	-H57	HHFPU	HHFCU	HDP	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT1-H	-H15	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT2-H	-H16	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT3-H	-H17	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT4-H	-H18	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT5-H	-H19	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT6-H	-H20	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT7-H	-H21	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT1-V	-H27	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT2-V	-H29	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT3-V	-H31	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT4-V	-H33	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT5-V	-H35	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT6-V	-H37	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI HT7-V	-H38	HHFPU	HHFCU	HHT	1 SUP/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG1-H	-H22	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG2-H	-H23	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG3-H	-H24	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG4-H	-H25	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG5-H	-H26	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG1-V	-H28	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG2-V	-H30	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG3-V	-H32	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG4-V	-H34	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MG5-V	-H36	HHFPU	HHFCU	HMG	1 SIG/1 RTN	2C/Sig Ha FPU-FTH
HIFI MX1-H	-H01	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX2-H	-H02	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX3-H	-H03	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX4-H	-H04	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX5-H	-H05	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX6-H	-H06	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX7-H	-H07	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX1-V	-H08	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX2-V	-H09	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX3-V	-H10	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX4-V	-H11	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX5-V	-H12	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX6-V	-H13	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI MX7-V	-H14	HHFPU	HHFCU	HMX	3 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS1-H	-H63	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS2-H	-H64	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS3-H	-H65	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS4-H	-H66	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS5-H	-H67	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS6-H	-H68	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS7-H	-H69	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS1-V	-H70	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS2-V	-H71	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS3-V	-H72	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS4-V	-H73	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS5-V	-H74	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS6-V	-H75	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH
HIFI TS7-V	-H76	HHFPU	HHFCU	HTS	2 SIG/2 RTN	2C/Sig Ha FPU-FTH

Functional Lines between item HSJFS (121220)
and HSDCU (122300)

Channel Designation	Channel ID	from	to	Signal Code	No. of Lines	EMC-Category
SPIRE Bol. SLW Ch01 (S01)	-S01	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch02 (S01)	-S02	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch03 (S01)	-S03	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch04 (S01)	-S04	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch05 (S01)	-S05	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch06 (S01)	-S06	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch07 (S01)	-S07	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch08 (S01)	-S08	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch09 (S01)	-S09	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch10 (S01)	-S10	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch11	-S11	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch12	-S12	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch13	-S13	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch14	-S14	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch15	-S15	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch16	-S16	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch17	-S17	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch18	-S18	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch19	-S19	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch20	-S20	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch21	-S21	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch22	-S22	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch23	-S23	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Ch24	-S24	HSDCU	HSJFS	SBC	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SLW Bias A1	-S25	HSDCU	HSJFS	SXB	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SLW Bias A2	-S26	HSDCU	HSJFS	SXB	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SSW Bias A1	-S27	HSDCU	HSJFS	SXB	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SSW Bias A2	-S28	HSDCU	HSJFS	SXB	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SLW Bias B1	-S31	HSDCU	HSJFS	SXB	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SLW Bias B2	-S32	HSDCU	HSJFS	SXB	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SSW Bias B1	-S33	HSDCU	HSJFS	SXB	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SSW Bias B2	-S34	HSDCU	HSJFS	SXB	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol. SLW Htr A	-S29	HSDCU	HSJFS	SXH	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SSW Htr A	-S30	HSDCU	HSJFS	SXH	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SLW Htr B	-S35	HSDCU	HSJFS	SXH	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB
SPIRE Bol.SSW Htr B	-S36	HSDCU	HSJFS	SXH	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB

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Functional Channels (Long List)

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Channel Designation	Ch. ID	from Start Item	Connector	to Target Item	Connector	Signal Code	Wiring	No.of Lines	EMC-Category	New
HIFI / HIFI channels (EMC class: 2C/Sig Ha FPU-FTH):										
HIFI MX1-H	-H01	HHFPU	111100 J11A	HHFCU	112300 J11	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX2-H	-H02	HHFPU	111100 J11B	HHFCU	112300 J11	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX3-H	-H03	HHFPU	111100 J11C	HHFCU	112300 J11	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX4-H	-H04	HHFPU	111100 J11D	HHFCU	112300 J11	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX5-H	-H05	HHFPU	111100 J11E	HHFCU	112300 J11	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX6-H	-H06	HHFPU	111100 J11F	HHFCU	112300 J11	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX7-H	-H07	HHFPU	111100 J11G	HHFCU	112300 J11	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT1-H	-H15	HHFPU	111100 J12A	HHFCU	112300 J12	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG1-H	-H22	HHFPU	111100 J12A	HHFCU	112300 J12	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS1-H	-H63	HHFPU	111100 J12A	HHFCU	112300 J13	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT2-H	-H16	HHFPU	111100 J12B	HHFCU	112300 J12	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG2-H	-H23	HHFPU	111100 J12B	HHFCU	112300 J12	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS2-H	-H64	HHFPU	111100 J12B	HHFCU	112300 J13	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT3-H	-H17	HHFPU	111100 J12C	HHFCU	112300 J12	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG3-H	-H24	HHFPU	111100 J12C	HHFCU	112300 J12	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS3-H	-H65	HHFPU	111100 J12C	HHFCU	112300 J13	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT4-H	-H18	HHFPU	111100 J12D	HHFCU	112300 J12	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG4-H	-H25	HHFPU	111100 J12D	HHFCU	112300 J12	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS4-H	-H66	HHFPU	111100 J12D	HHFCU	112300 J13	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT5-H	-H19	HHFPU	111100 J12E	HHFCU	112300 J12	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG5-H	-H26	HHFPU	111100 J12E	HHFCU	112300 J12	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS5-H	-H67	HHFPU	111100 J12E	HHFCU	112300 J13	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT6-H	-H20	HHFPU	111100 J12F	HHFCU	112300 J12	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS6-H	-H68	HHFPU	111100 J12F	HHFCU	112300 J13	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT7-H	-H21	HHFPU	111100 J12G	HHFCU	112300 J12	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS7-H	-H69	HHFPU	111100 J12G	HHFCU	112300 J13	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF1-H	-H39	HHFPU	111100 J14A	HHFCU	112300 J14	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF2-H	-H40	HHFPU	111100 J14B	HHFCU	112300 J14	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF3-H	-H41	HHFPU	111100 J14C	HHFCU	112300 J14	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF4-H	-H42	HHFPU	111100 J14D	HHFCU	112300 J14	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF5-H	-H43	HHFPU	111100 J14E	HHFCU	112300 J14	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R

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Functional Channels (Long List)

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Channel Designation	Ch. ID	from Start Item	Connector	to Target Item	Connector	Signal Code	Wiring	No.of Lines	EMC-Category	New
HIFI FIF6-H	-H44	HHFPU	111100 J14F	HHFCU	112300 J14	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF7-H	-H45	HHFPU	111100 J14G	HHFCU	112300 J14	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF1-H	-H77	HHFPU	111100 J15A	HHFCU	112300 J15	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF2-H	-H78	HHFPU	111100 J15B	HHFCU	112300 J15	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF3-H	-H79	HHFPU	111100 J15C	HHFCU	112300 J15	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF4-H	-H80	HHFPU	111100 J15D	HHFCU	112300 J15	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF5-H	-H81	HHFPU	111100 J15E	HHFCU	112300 J15	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF6-H	-H82	HHFPU	111100 J15F	HHFCU	112300 J15	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF7-H	-H83	HHFPU	111100 J15G	HHFCU	112300 J15	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI CS-CR-TS-P	-H96	HHFPU	111100 J16A	HHFCU	112300 J16	HBC.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI CS-HR-TS-P	-H95	HHFPU	111100 J16A	HHFCU	112300 J16	HBH.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI ST-TS-P	-H97	HHFPU	111100 J16A	HHFCU	112300 J16	HBS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI CP-AC-P	-H91	HHFPU	111100 J16A	HHFCU	112300 J16	HCA.-	1x031BS-38	1 SUP/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI CS-HT-P	-H94	HHFPU	111100 J16A	HHFCU	112300 J16	HCH.-	1x021SS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI CP-LT-PY-P	-H93	HHFPU	111100 J16A	HHFCU	112300 J16	HCP.-	1x031BS-38	1 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI CP-LT-SY-P	-H92	HHFPU	111100 J16A	HHFCU	112300 J16	HCS.-	1x031SS-38	2 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI IF2-TS-P	-H98	HHFPU	111100 J16A	HHFCU	112300 J16	HCW.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP1-AC-H	-H48	HHFPU	111100 J17A	HHFCU	112300 J15	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP2-AC-H	-H49	HHFPU	111100 J17B	HHFCU	112300 J17	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP3-AC-H	-H50	HHFPU	111100 J17C	HHFCU	112300 J17	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP4-AC-H	-H51	HHFPU	111100 J17D	HHFCU	112300 J17	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP5-AC-H	-H52	HHFPU	111100 J17E	HHFCU	112300 J17	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX1-V	-H08	HHFPU	111100 J21A	HHFCU	112300 J21	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX2-V	-H09	HHFPU	111100 J21B	HHFCU	112300 J21	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX3-V	-H10	HHFPU	111100 J21C	HHFCU	112300 J21	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX4-V	-H11	HHFPU	111100 J21D	HHFCU	112300 J21	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX5-V	-H12	HHFPU	111100 J21E	HHFCU	112300 J21	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX6-V	-H13	HHFPU	111100 J21F	HHFCU	112300 J21	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI MX7-V	-H14	HHFPU	111100 J21G	HHFCU	112300 J21	HMX.-	1x051SS-38	3 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT1-V	-H27	HHFPU	111100 J22A	HHFCU	112300 J22	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG1-V	-H28	HHFPU	111100 J22A	HHFCU	112300 J22	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS1-V	-H70	HHFPU	111100 J22A	HHFCU	112300 J23	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT2-V	-H29	HHFPU	111100 J22B	HHFCU	112300 J22	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG2-V	-H30	HHFPU	111100 J22B	HHFCU	112300 J22	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R

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Functional Channels (Long List)

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Project:
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Channel Designation	Ch. ID	from Start Item	Connector	to Target Item	Connector	Signal Code	Wiring	No.of Lines	EMC-Category	New
HIFI TS2-V	-H71	HHFPU	111100 J22B	HHFCU	112300 J23	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT3-V	-H31	HHFPU	111100 J22C	HHFCU	112300 J22	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG3-V	-H32	HHFPU	111100 J22C	HHFCU	112300 J22	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS3-V	-H72	HHFPU	111100 J22C	HHFCU	112300 J23	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT4-V	-H33	HHFPU	111100 J22D	HHFCU	112300 J22	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG4-V	-H34	HHFPU	111100 J22D	HHFCU	112300 J22	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS4-V	-H73	HHFPU	111100 J22D	HHFCU	112300 J23	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT5-V	-H35	HHFPU	111100 J22E	HHFCU	112300 J22	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI MG5-V	-H36	HHFPU	111100 J22E	HHFCU	112300 J22	HMG.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS5-V	-H74	HHFPU	111100 J22E	HHFCU	112300 J23	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT6-V	-H37	HHFPU	111100 J22F	HHFCU	112300 J22	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS6-V	-H75	HHFPU	111100 J22F	HHFCU	112300 J23	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI HT7-V	-H38	HHFPU	111100 J22G	HHFCU	112300 J22	HHT.-	1x021BS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI TS7-V	-H76	HHFPU	111100 J22G	HHFCU	112300 J23	HTS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF1-V	-H46	HHFPU	111100 J24A	HHFCU	112300 J24	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF2-V	-H47	HHFPU	111100 J24B	HHFCU	112300 J24	H1A.1	1x111BS-30	8 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF3-V	-H58	HHFPU	111100 J24C	HHFCU	112300 J24	H1A.-	1x261BS-30	20 SIG/6 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF4-V	-H59	HHFPU	111100 J24D	HHFCU	112300 J24	H1A.-	1x261BS-30	20 SIG/6 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF5-V	-H60	HHFPU	111100 J24E	HHFCU	112300 J24	H1A.-	1x261BS-30	20 SIG/6 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF6-V	-H61	HHFPU	111100 J24F	HHFCU	112300 J24	H1A.-	1x261BS-30	20 SIG/6 RTN	2C/Sig Ha FPU-FTH	R
HIFI FIF7-V	-H62	HHFPU	111100 J24G	HHFCU	112300 J24	H1A.-	1x261BS-30	20 SIG/6 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF1-V	-H84	HHFPU	111100 J25A	HHFCU	112300 J25	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF2-V	-H85	HHFPU	111100 J25B	HHFCU	112300 J25	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF3-V	-H86	HHFPU	111100 J25C	HHFCU	112300 J25	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF4-V	-H87	HHFPU	111100 J25D	HHFCU	112300 J25	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF5-V	-H88	HHFPU	111100 J25E	HHFCU	112300 J25	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF6-V	-H89	HHFPU	111100 J25F	HHFCU	112300 J25	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI SIF7-V	-H90	HHFPU	111100 J25G	HHFCU	112300 J25	H2A.-	1x111SS-38	6 SIG/3 RTN	2C/Sig Ha FPU-FTH	R
HIFI CS-CR-TS-R	-I01	HHFPU	111100 J26A	HHFCU	112300 J26	HBC.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI CS-HR-TS-R	-H99	HHFPU	111100 J26A	HHFCU	112300 J26	HBH.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI ST-TS-R	-I02	HHFPU	111100 J26A	HHFCU	112300 J26	HBS.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI CP-AC-R	-I03	HHFPU	111100 J26A	HHFCU	112300 J26	HCA.-	1x031BS-38	1 SUP/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI CS-HT-R	-I04	HHFPU	111100 J26A	HHFCU	112300 J26	HCH.-	1x021SS-38	1 SUP/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI CP-LT-PY-R	-I05	HHFPU	111100 J26A	HHFCU	112300 J26	HCP.-	1x031BS-38	1 SIG/2 RTN	2C/Sig Ha FPU-FTH	R

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Functional Channels (Long List)

Doc.No. HP-2-ASED-IC-0001

Issue: Dr Date: 22.02.2002

Sheet: Extract-4

Project:
HERSCHEL

Channel Designation	Ch. ID	from Start Item	Connector	to Target Item	Connector	Signal Code	Wiring	No.of Lines	EMC-Category	New
HIFI CP-LT-SY-R	-I06	HHFPU	111100 J26A	HHFCU	112300 J26	HCS.-	1x031SS-38	2 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI IF2-TS-R	-I07	HHFPU	111100 J26A	HHFCU	112300 J26	HCW.-	1x041SS-38	2 SIG/2 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP1-AC-V	-H53	HHFPU	111100 J27A	HHFCU	112300 J27	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP2-AC-V	-H54	HHFPU	111100 J27B	HHFCU	112300 J27	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP3-AC-V	-H55	HHFPU	111100 J27C	HHFCU	112300 J27	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP4-AC-V	-H56	HHFPU	111100 J27D	HHFCU	112300 J27	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R
HIFI DP5-AC-V	-H57	HHFPU	111100 J27E	HHFCU	112300 J27	HDP.-	1x021BS-38	1 SIG/1 RTN	2C/Sig Ha FPU-FTH	R

Number of Channels: 106

SPIRE / SPIRE channels (EMC class: 2B/Sig Ha Box-SVMCB):

SPIRE Bol. SLW Ch01 (S01)	-S01	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch02 (S01)	-S02	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch03 (S01)	-S03	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch04 (S01)	-S04	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch05 (S01)	-S05	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch06 (S01)	-S06	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch07 (S01)	-S07	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch08 (S01)	-S08	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch09 (S01)	-S09	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch10 (S01)	-S10	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch11	-S11	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch12	-S12	HSDCU	122300 J27	HSJFS	121220 J05	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch13	-S13	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch14	-S14	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch15	-S15	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch16	-S16	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch17	-S17	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch18	-S18	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch19	-S19	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch20	-S20	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch21	-S21	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch22	-S22	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Ch23	-S23	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R

Astrium GmbH

Functional Channels (Long List)

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Project:
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Channel Designation	Ch. ID	from Start Item	Connector	to Target Item	Connector	Signal Code	Wiring	No.of Lines	EMC-Category	New
SPIRE Bol. SLW Ch24	-S24	HSDCU	122300 J28	HSJFS	121220 J06	SBC.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SLW Bias A1	-S25	HSDCU	122300 J33	HSJFS	121220 J09	SXB.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SLW Bias A2	-S26	HSDCU	122300 J33	HSJFS	121220 J09	SXB.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SSW Bias A1	-S27	HSDCU	122300 J33	HSJFS	121220 J09	SXB.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SSW Bias A2	-S28	HSDCU	122300 J33	HSJFS	121220 J09	SXB.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol. SLW Htr A	-S29	HSDCU	122300 J33	HSJFS	121220 J09	SXH.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SSW Htr A	-S30	HSDCU	122300 J33	HSJFS	121220 J09	SXH.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SLW Bias B1	-S31	HSDCU	122300 J34	HSJFS	121220 J10	SXB.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SLW Bias B2	-S32	HSDCU	122300 J34	HSJFS	121220 J10	SXB.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SSW Bias B1	-S33	HSDCU	122300 J34	HSJFS	121220 J10	SXB.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SSW Bias B2	-S34	HSDCU	122300 J34	HSJFS	121220 J10	SXB.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SLW Htr B	-S35	HSDCU	122300 J34	HSJFS	121220 J10	SXH.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R
SPIRE Bol.SSW Htr B	-S36	HSDCU	122300 J34	HSJFS	121220 J10	SXH.-	1x021BS-38	2 SIG/0 RTN	2B/Sig Ha Box-SVMCB	R

Number of Channels: 36

Channel Designation	Longname	Channel ID
HIFI CP-AC-P	HIFI Chopper AC Prim	-H91
HIFI CP-AC-R	HIFI Chopper AC Red	-I03
HIFI CP-LT-PY-P	HIFI Chopper LT PY Prim	-H93
HIFI CP-LT-PY-R	HIFI Chopper LT PY ?? Red	-I05
HIFI CP-LT-SY-P	HIFI Chopper LT SY Prim	-H92
HIFI CP-LT-SY-R	HIFI Chopper LT SY ?? Red	-I06
HIFI CS-CR-TS-P	HIFI Calib CR Temp Sensor Prim	-H96
HIFI CS-CR-TS-R	HIFI Calib CR Temp Sensor Red	-I01
HIFI CS-HR-TS-P	HIFI Calib. HR Temp Sensor Prim.	-H95
HIFI CS-HR-TS-R	HIFI Calib HR Temp Sensor Red.	-H99
HIFI CS-HT-P	HIFI Calib. Heater Prim ?	-H94
HIFI CS-HT-R	HIFI Calib Heater Red	-I04
HIFI DP1-AC-H	HIFI Diplexer 1 AC Horizontal	-H48
HIFI DP1-AC-V	HIFI Diplexer 1 AC Vertical	-H53
HIFI DP2-AC-H	HIFI Diplexer 2 AC Horizontal	-H49
HIFI DP2-AC-V	HIFI Diplexer 2 AC Vertical	-H54
HIFI DP3-AC-H	HIFI Diplexer 3 AC Horizontal	-H50
HIFI DP3-AC-V	HIFI Diplexer 3 AC Vertical	-H55
HIFI DP4-AC-H	HIFI Diplexer 4 AC Horizontal	-H51
HIFI DP4-AC-V	HIFI Diplexer 4 AC Vertical	-H56
HIFI DP5-AC-H	HIFI Diplexer 5 AC Horizontal	-H52
HIFI DP5-AC-V	HIFI Diplexer 5 AC Vertical	-H57
HIFI FIF1-H	HIFI First IF Ampl. 1 Horizontal	-H39
HIFI FIF1-V	HIFI First IF Ampl. 1 Vertical	-H46
HIFI FIF2-H	HIFI First IF Ampl. 2 Horizontal	-H40
HIFI FIF2-V	HIFI First IF Ampl. 2 Vertical	-H47
HIFI FIF3-H	HIFI First IF Ampl. 3 Horizontal	-H41
HIFI FIF3-V	HIFI First IF Ampl. 3 Vertical	-H58
HIFI FIF4-H	HIFI First IF Ampl. 4 Horizontal	-H42
HIFI FIF4-V	HIFI First IF Ampl. 4 Vertical	-H59
HIFI FIF5-H	HIFI First IF Ampl. 5 Horizontal	-H43
HIFI FIF5-V	HIFI First IF Ampl. 5 Vertical	-H60
HIFI FIF6-H	HIFI First IF Ampl. 6 Horizontal	-H44
HIFI FIF6-V	HIFI First IF Ampl. 6 Vertical	-H61
HIFI FIF7-H	HIFI First IF Ampl. 7 Horizontal	-H45
HIFI FIF7-V	HIFI First IF Ampl. 7 Vertical	-H62
HIFI HT1-H	HIFI Heater 1 Horizontal	-H15
HIFI HT1-V	HIFI Heater 1 Vertical	-H27
HIFI HT2-H	HIFI Heater 2 Horizontal	-H16
HIFI HT2-V	HIFI Heater 2 Vertical	-H29
HIFI HT3-H	HIFI Heater 3 Horizontal	-H17
HIFI HT3-V	HIFI Heater 3 Vertical	-H31
HIFI HT4-H	HIFI Heater 4 Horizontal	-H18
HIFI HT4-V	HIFI Heater 4 Vertical	-H33
HIFI HT5-H	HIFI Heater 5 Horizontal	-H19
HIFI HT5-V	HIFI Heater 5 Vertical	-H35
HIFI HT6-H	HIFI Heater 6 Horizontal ?????	-H20
HIFI HT6-V	HIFI Heater 6 Vertical	-H37
HIFI HT7-H	HIFI Heater 7 Horizontal ???	-H21
HIFI HT7-V	HIFI Heater 7 Vertical	-H38
HIFI IF2-TS-P	HIFI ??? Temp Sensor Prim	-H98
HIFI IF2-TS-R	HIFI IF2 ?? Temp Sensor Red	-I07
HIFI MG1-H	HIFI Magnet 1 Horizontal	-H22
HIFI MG1-V	HIFI Magnet 1 Vertical	-H28
HIFI MG2-H	HIFI Magnet 2 Horizontal	-H23
HIFI MG2-V	HIFI Magnet 2 Vertical	-H30
HIFI MG3-H	HIFI Magnet 3 Horizontal	-H24

Project:

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Channel Designation	Longname	Channel ID
HIFI MG3-V	HIFI Magnet 3 Vertical	-H32
HIFI MG4-H	HIFI Magnet 4 Horizontal	-H25
HIFI MG4-V	HIFI Magnet 4 Vertical	-H34
HIFI MG5-H	HIFI Magnet 5 Horizontal	-H26
HIFI MG5-V	HIFI Magnet 5 Vertical	-H36
HIFI MX1-H	HIFI Mixer Bias 1 Horizontal	-H01
HIFI MX1-V	HIFI Mixer Bias 1 Vertical	-H08
HIFI MX2-H	HIFI Mixer Bias 2 Horizontal	-H02
HIFI MX2-V	HIFI Mixer Bias 2 Vertical	-H09
HIFI MX3-H	HIFI Mixer Bias 3 Horizontal	-H03
HIFI MX3-V	HIFI Mixer Bias 3 Vertical	-H10
HIFI MX4-H	HIFI Mixer Bias 4 Horizontal	-H04
HIFI MX4-V	HIFI Mixer Bias 4 Vertical	-H11
HIFI MX5-H	HIFI Mixer Bias 5 Horizontal	-H05
HIFI MX5-V	HIFI Mixer Bias 5 Vertical	-H12
HIFI MX6-H	HIFI Mixer Bias 6 Horizontal	-H06
HIFI MX6-V	HIFI Mixer Bias 6 Vertical	-H13
HIFI MX7-H	HIFI Mixer Bias 7 Horizontal	-H07
HIFI MX7-V	HIFI Mixer Bias 7 Vertical	-H14
HIFI SIF1-H	HIFI Second IF Ampl 1 Horizontal	-H77
HIFI SIF1-V	HIFI Second IF Ampl 1 Vertical	-H84
HIFI SIF2-H	HIFI Second IF Ampl 2 Horizontal	-H78
HIFI SIF2-V	HIFI Second IF Ampl 2 Vertical	-H85
HIFI SIF3-H	HIFI Second IF Ampl 3 Horizontal	-H79
HIFI SIF3-V	HIFI Second IF Ampl 3 Vertical	-H86
HIFI SIF4-H	HIFI Second IF Ampl 4 Horizontal	-H80
HIFI SIF4-V	HIFI Second IF Ampl 4 Vertical	-H87
HIFI SIF5-H	HIFI Second IF Ampl 5 Horizontal	-H81
HIFI SIF5-V	HIFI Second IF Ampl 5 Vertical	-H88
HIFI SIF6-H	HIFI Second IF Ampl 6 Horizontal	-H82
HIFI SIF6-V	HIFI Second IF Ampl 6 Vertical	-H89
HIFI SIF7-H	HIFI Second IF Ampl 7 Horizontal	-H83
HIFI SIF7-V	HIFI Second IF Ampl 7 Vertical	-H90
HIFI ST-TS-P	HIFI St ?? Temp Sensor Prim	-H97
HIFI ST-TS-R	HIFI ST ?? Temp Sensor Red	-I02
HIFI TS1-H	HIFI Temp Sensor 1 Horizontal	-H63
HIFI TS1-V	HIFI Temp Sensor 1 Vertical	-H70
HIFI TS2-H	HIFI Temp Sensor 2 Horizontal	-H64
HIFI TS2-V	HIFI Temp Sensor 2 Vertical	-H71
HIFI TS3-H	HIFI Temp Sensor 3 Horizontal	-H65
HIFI TS3-V	HIFI Temp Sensor 3 Vertical	-H72
HIFI TS4-H	HIFI Temp Sensor 4 Horizontal	-H66
HIFI TS4-V	HIFI Temp Sensor 4 Vertical	-H73
HIFI TS5-H	HIFI Temp Sensor 5 Horizontal	-H67
HIFI TS5-V	HIFI Temp Sensor 5 Vertical	-H74
HIFI TS6-H	HIFI Temp Sensor 6 Horizontal	-H68
HIFI TS6-V	HIFI Temp Sensor 6 Vertical	-H75
HIFI TS7-H	HIFI Temp Sensor 7 Horizontal	-H69
HIFI TS7-V	HIFI Temp Sensor 7 Vertical	-H76
SPIRE Bol. SLW Ch01 (S01)	SPIRE Bol. SLW Ch01	-S01
SPIRE Bol. SLW Ch02 (S01)	SPIRE Bol. SLW Ch02	-S02
SPIRE Bol. SLW Ch03 (S01)	SPIRE Bol. SLW Ch03	-S03
SPIRE Bol. SLW Ch04 (S01)	SPIRE Bol. SLW Ch04	-S04
SPIRE Bol. SLW Ch05 (S01)	SPIRE Bol. SLW Ch05	-S05
SPIRE Bol. SLW Ch06 (S01)	SPIRE Bol. SLW Ch06	-S06
SPIRE Bol. SLW Ch07 (S01)	SPIRE Bol. SLW Ch07	-S07
SPIRE Bol. SLW Ch08 (S01)	SPIRE Bol. SLW Ch08	-S08

Project:

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Channel Designation	Longname	Channel ID
SPIRE Bol. SLW Ch09 (S01)	SPIRE Bol. SLW Ch09	-S09
SPIRE Bol. SLW Ch10 (S01)	SPIRE Bol. SLW Ch10	-S10
SPIRE Bol. SLW Ch11	SPIRE Bol. Ch11	-S11
SPIRE Bol. SLW Ch12	SPIRE Bol. Ch12	-S12
SPIRE Bol. SLW Ch13	SPIRE Bol. Ch13	-S13
SPIRE Bol. SLW Ch14	SPIRE Bol. Ch14	-S14
SPIRE Bol. SLW Ch15	SPIRE Bol. Ch15	-S15
SPIRE Bol. SLW Ch16	SPIRE Bol. Ch16	-S16
SPIRE Bol. SLW Ch17	SPIRE Bol. Ch17	-S17
SPIRE Bol. SLW Ch18	SPIRE Bol. Ch18	-S18
SPIRE Bol. SLW Ch19	SPIRE Bol. Ch19	-S19
SPIRE Bol. SLW Ch20	SPIRE Bol. Ch20	-S20
SPIRE Bol. SLW Ch21	SPIRE Bol. Ch21	-S21
SPIRE Bol. SLW Ch22	SPIRE Bol. Ch22	-S22
SPIRE Bol. SLW Ch23	SPIRE Bol. Ch23	-S23
SPIRE Bol. SLW Ch24	SPIRE Bol. Ch24	-S24
SPIRE Bol. SLW Htr A	SPIRE Bol. SLW Heater A	-S29
SPIRE Bol.SLW Bias A1	SPIRE Bol. SLW Bias A1	-S25
SPIRE Bol.SLW Bias A2	SPIRE Bol. SLW Bias A2	-S26
SPIRE Bol.SLW Bias B1	SPIRE Bol. SLW Bias B1	-S31
SPIRE Bol.SLW Bias B2	SPIRE Bol. SLW Bias B2	-S32
SPIRE Bol.SLW Htr B	SPIRE Bol. SLW Heater B	-S35
SPIRE Bol.SSW Bias A1	SPIRE Bol. SSW Bias A2	-S27
SPIRE Bol.SSW Bias A2	SPIRE Bol. SSW Bias A1	-S28
SPIRE Bol.SSW Bias B1	SPIRE Bol. SSW Bias B1	-S33
SPIRE Bol.SSW Bias B2	SPIRE Bol. SSW Bias B2	-S34
SPIRE Bol.SSW Htr A	SPIRE Bol. SSW Heater A	-S30
SPIRE Bol.SSW Htr B	SPIRE Bol. SSW Heater B	-S36

14 Pin allocation List

Describing text tbd

Insert PAL from CAIE DataBase

Project:
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Channel Designation	from	to	Ch. ID	Data Sheet	Remark	New
Wiring						
EMC-Category: 2C/Sig Ha FPU-FTH						
HIFI MX1-H	HHFPU	111100 J11A	HHFCU	112300 J11	-H01	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P11A	--> CVVUCR	211121 J15	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CVVUCR	211121 P15	--> HHSVMCB	311200 J07	EMC: 2I 1x051SS-38 Interconnect. Harn.
	Rt. 3	HHSVMC	311200 P07	--> HHFCU	112300 P11	EMC: 2B 1x051SS-38 SVM Bracket Harn. DR
HIFI MX2-H	HHFPU	111100 J11B	HHFCU	112300 J11	-H02	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P11B	--> CVVUCR	211121 J15	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CVVUCR	211121 P15	--> HHSVMCB	311200 J07	EMC: 2I 1x051SS-38 Interconnect. Harn.
	Rt. 3	HHSVMC	311200 P07	--> HHFCU	112300 P11	EMC: 2B 1x051SS-38 SVM Bracket Harn. DR
HIFI MX3-H	HHFPU	111100 J11C	HHFCU	112300 J11	-H03	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P11C	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P11	EMC:2C/2B 1x051SS-38 - DR
HIFI MX4-H	HHFPU	111100 J11D	HHFCU	112300 J11	-H04	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P11D	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P11	EMC:2C/2B 1x051SS-38 - DR
HIFI MX5-H	HHFPU	111100 J11E	HHFCU	112300 J11	-H05	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P11E	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P11	EMC:2C/2B 1x051SS-38 - DR
HIFI MX6-H	HHFPU	111100 J11F	HHFCU	112300 J11	-H06	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P11F	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P11	EMC:2C/2B 1x051SS-38 - DR
HIFI MX7-H	HHFPU	111100 J11G	HHFCU	112300 J11	-H07	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P11G	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P11	EMC:2C/2B 1x051SS-38 - DR
HIFI MX1-V	HHFPU	111100 J21A	HHFCU	112300 J21	-H08	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P21A	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P21	EMC:2C/2B 1x051SS-38 - DR
HIFI MX2-V	HHFPU	111100 J21B	HHFCU	112300 J21	-H09	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P21B	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P21	EMC:2C/2B 1x051SS-38 - DR
HIFI MX3-V	HHFPU	111100 J21C	HHFCU	112300 J21	-H10	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P21C	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P21	EMC:2C/2B 1x051SS-38 - DR
HIFI MX4-V	HHFPU	111100 J21D	HHFCU	112300 J21	-H11	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P21D	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P21	EMC:2C/2B 1x051SS-38 - DR
HIFI MX5-V	HHFPU	111100 J21E	HHFCU	112300 J21	-H12	Type: HMX EMC-Class: 2C DR
Routed via:	Rt. 1	HHFPU	111100 P21E	--> CB-TBD	CB_TBD JxC2	EMC: 2C 1x051SS-38 - DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P21	EMC:2C/2B 1x051SS-38 - DR

Project:
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Channel Designation	from	to	Ch. ID	Data Sheet Wiring	Remark	New
HIFI MX6-V	HHFPU 111100 J21F	HHFCU 112300 J21	-H13	Type: HMX	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P21F	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x051SS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P21	EMC:2C/2B	1x051SS-38	-	DR
HIFI MX7-V	HHFPU 111100 J21G	HHFCU 112300 J21	-H14	Type: HMX	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P21G	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x051SS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P21	EMC:2C/2B	1x051SS-38	-	DR
HIFI HT1-H	HHFPU 111100 J12A	HHFCU 112300 J12	-H15	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12A	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT2-H	HHFPU 111100 J12B	HHFCU 112300 J12	-H16	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12B	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT3-H	HHFPU 111100 J12C	HHFCU 112300 J12	-H17	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12C	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT4-H	HHFPU 111100 J12D	HHFCU 112300 J12	-H18	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12D	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT5-H	HHFPU 111100 J12E	HHFCU 112300 J12	-H19	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12E	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT6-H	HHFPU 111100 J12F	HHFCU 112300 J12	-H20	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12F	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT7-H	HHFPU 111100 J12G	HHFCU 112300 J12	-H21	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12G	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG1-H	HHFPU 111100 J12A	HHFCU 112300 J12	-H22	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12A	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG2-H	HHFPU 111100 J12B	HHFCU 112300 J12	-H23	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12B	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG3-H	HHFPU 111100 J12C	HHFCU 112300 J12	-H24	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12C	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG4-H	HHFPU 111100 J12D	HHFCU 112300 J12	-H25	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12D	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR

Functional Channel Routing List

Channel Designation	from	to	Ch. ID	Data Sheet	Remark	New
				Wiring		
HIFI MG5-H	HHFPU 111100 J12E	HHFCU 112300 J12	-H26	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P12E	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P12	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT1-V	HHFPU 111100 J22A	HHFCU 112300 J22	-H27	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22A	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG1-V	HHFPU 111100 J22A	HHFCU 112300 J22	-H28	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22A	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT2-V	HHFPU 111100 J22B	HHFCU 112300 J22	-H29	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22B	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG2-V	HHFPU 111100 J22B	HHFCU 112300 J22	-H30	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22B	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT3-V	HHFPU 111100 J22C	HHFCU 112300 J22	-H31	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22C	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG3-V	HHFPU 111100 J22C	HHFCU 112300 J22	-H32	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22C	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT4-V	HHFPU 111100 J22D	HHFCU 112300 J22	-H33	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22D	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG4-V	HHFPU 111100 J22D	HHFCU 112300 J22	-H34	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22D	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT5-V	HHFPU 111100 J22E	HHFCU 112300 J22	-H35	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22E	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI MG5-V	HHFPU 111100 J22E	HHFCU 112300 J22	-H36	Type: HMG	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22E	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT6-V	HHFPU 111100 J22F	HHFCU 112300 J22	-H37	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22F	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR
HIFI HT7-V	HHFPU 111100 J22G	HHFCU 112300 J22	-H38	Type: HHT	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P22G	--> CB-TBD CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2 CB-TBD CB_TBD PxC2	--> HHFCU 112300 P22	EMC:2C/2B	1x021BS-38	-	DR

Functional Channel Routing List

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Channel Designation	from	to	Ch. ID	Data Sheet	Remark	New			
				Wiring					
HIFI FIF1-H	HHFPU	111100 J14A	HHFCU	112300 J14	-H39	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P14A	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P14	EMC:2C/2B	1x111BS-30	-	DR
HIFI FIF2-H	HHFPU	111100 J14B	HHFCU	112300 J14	-H40	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P14B	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P14	EMC:2C/2B	1x111BS-30	-	DR
HIFI FIF3-H	HHFPU	111100 J14C	HHFCU	112300 J14	-H41	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P14C	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P14	EMC:2C/2B	1x111BS-30	-	DR
HIFI FIF4-H	HHFPU	111100 J14D	HHFCU	112300 J14	-H42	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P14D	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P14	EMC:2C/2B	1x111BS-30	-	DR
HIFI FIF5-H	HHFPU	111100 J14E	HHFCU	112300 J14	-H43	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P14E	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P14	EMC:2C/2B	1x111BS-30	-	DR
HIFI FIF6-H	HHFPU	111100 J14F	HHFCU	112300 J14	-H44	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P14F	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P14	EMC:2C/2B	1x111BS-30	-	DR
HIFI FIF7-H	HHFPU	111100 J14G	HHFCU	112300 J14	-H45	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P14G	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P14	EMC:2C/2B	1x111BS-30	-	DR
HIFI FIF1-V	HHFPU	111100 J24A	HHFCU	112300 J24	-H46	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P24A	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P24	EMC:2C/2B	1x111BS-30	-	DR
HIFI FIF2-V	HHFPU	111100 J24B	HHFCU	112300 J24	-H47	Type: H1A	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P24B	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111BS-30	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P24	EMC:2C/2B	1x111BS-30	-	DR
HIFI DP1-AC-H	HHFPU	111100 J17A	HHFCU	112300 J15	-H48	Type: HDP	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P17A	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P15	EMC:2C/2B	1x021BS-38	-	DR
HIFI DP2-AC-H	HHFPU	111100 J17B	HHFCU	112300 J17	-H49	Type: HDP	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P17B	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P17	EMC:2C/2B	1x021BS-38	-	DR
HIFI DP3-AC-H	HHFPU	111100 J17C	HHFCU	112300 J17	-H50	Type: HDP	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P17C	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P17	EMC:2C/2B	1x021BS-38	-	DR
HIFI DP4-AC-H	HHFPU	111100 J17D	HHFCU	112300 J17	-H51	Type: HDP	EMC-Class: 2C	DR	
Routed via:	Rt. 1	HHFPU	111100 P17D	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38	-	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P17	EMC:2C/2B	1x021BS-38	-	DR

Astrium GmbH		Functional Channel Routing List				Doc.No. HP-2-ASED-IC-0001			
Project: HERSCHEL						Issue: Dr		Date: 22.02.2002	
						Sheet: ChRL-5 (of 12)			

Channel Designation	from	to		Ch. ID	Data Sheet	Remark	New
					Wiring		
HIFI DP5-AC-H	HHFPU	111100 J17E	HHFCU	112300 J17	-H52	Type: HDP EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P17E --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P17	EMC:2C/2B	1x021BS-38 -	DR
HIFI DP1-AC-V	HHFPU	111100 J27A	HHFCU	112300 J27	-H53	Type: HDP EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P27A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P27	EMC:2C/2B	1x021BS-38 -	DR
HIFI DP2-AC-V	HHFPU	111100 J27B	HHFCU	112300 J27	-H54	Type: HDP EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P27B --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P27	EMC:2C/2B	1x021BS-38 -	DR
HIFI DP3-AC-V	HHFPU	111100 J27C	HHFCU	112300 J27	-H55	Type: HDP EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P27C --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P27	EMC:2C/2B	1x021BS-38 -	DR
HIFI DP4-AC-V	HHFPU	111100 J27D	HHFCU	112300 J27	-H56	Type: HDP EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P27D --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P27	EMC:2C/2B	1x021BS-38 -	DR
HIFI DP5-AC-V	HHFPU	111100 J27E	HHFCU	112300 J27	-H57	Type: HDP EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P27E --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P27	EMC:2C/2B	1x021BS-38 -	DR
HIFI FIF3-V	HHFPU	111100 J24C	HHFCU	112300 J24	-H58	Type: H1A EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P24C --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x261BS-30 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P24	EMC:2C/2B	1x261BS-30 -	DR
HIFI FIF4-V	HHFPU	111100 J24D	HHFCU	112300 J24	-H59	Type: H1A EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P24D --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x261BS-30 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P24	EMC:2C/2B	1x261BS-30 -	DR
HIFI FIF5-V	HHFPU	111100 J24E	HHFCU	112300 J24	-H60	Type: H1A EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P24E --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x261BS-30 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P24	EMC:2C/2B	1x261BS-30 -	DR
HIFI FIF6-V	HHFPU	111100 J24F	HHFCU	112300 J24	-H61	Type: H1A EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P24F --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x261BS-30 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P24	EMC:2C/2B	1x261BS-30 -	DR
HIFI FIF7-V	HHFPU	111100 J24G	HHFCU	112300 J24	-H62	Type: H1A EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P24G --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x261BS-30 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P24	EMC:2C/2B	1x261BS-30 -	DR
HIFI TS1-H	HHFPU	111100 J12A	HHFCU	112300 J13	-H63	Type: HTS EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P12A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P13	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS2-H	HHFPU	111100 J12B	HHFCU	112300 J13	-H64	Type: HTS EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P12B --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P13	EMC:2C/2B	1x041SS-38 -	DR

Functional Channel Routing List

 Project:
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Channel Designation	from	to	Ch. ID	Data Sheet	Remark	New		
				Wiring				
HIFI TS3-H	HHFPU	111100 J12C	HHFCU	112300 J13	-H65	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P12C	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P13	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS4-H	HHFPU	111100 J12D	HHFCU	112300 J13	-H66	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P12D	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P13	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS5-H	HHFPU	111100 J12E	HHFCU	112300 J13	-H67	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P12E	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P13	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS6-H	HHFPU	111100 J12F	HHFCU	112300 J13	-H68	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P12F	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P13	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS7-H	HHFPU	111100 J12G	HHFCU	112300 J13	-H69	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P12G	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P13	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS1-V	HHFPU	111100 J22A	HHFCU	112300 J23	-H70	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P22A	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P23	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS2-V	HHFPU	111100 J22B	HHFCU	112300 J23	-H71	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P22B	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P23	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS3-V	HHFPU	111100 J22C	HHFCU	112300 J23	-H72	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P22C	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P23	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS4-V	HHFPU	111100 J22D	HHFCU	112300 J23	-H73	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P22D	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P23	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS5-V	HHFPU	111100 J22E	HHFCU	112300 J23	-H74	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P22E	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P23	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS6-V	HHFPU	111100 J22F	HHFCU	112300 J23	-H75	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P22F	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P23	EMC:2C/2B	1x041SS-38 -	DR
HIFI TS7-V	HHFPU	111100 J22G	HHFCU	112300 J23	-H76	Type: HTS	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P22G	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P23	EMC:2C/2B	1x041SS-38 -	DR
HIFI SIF1-H	HHFPU	111100 J15A	HHFCU	112300 J15	-H77	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P15A	--> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2	--> HHFCU	112300 P15	EMC:2C/2B	1x111SS-38 -	DR

Functional Channel Routing List

 Project:
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Channel Designation	from	to	Ch. ID	Data Sheet Wiring	Remark	New
HIFI SIF2-H	HHFPU 111100 J15B	HHFCU 112300 J15	-H78	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P15B --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P15	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF3-H	HHFPU 111100 J15C	HHFCU 112300 J15	-H79	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P15C --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P15	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF4-H	HHFPU 111100 J15D	HHFCU 112300 J15	-H80	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P15D --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P15	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF5-H	HHFPU 111100 J15E	HHFCU 112300 J15	-H81	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P15E --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P15	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF6-H	HHFPU 111100 J15F	HHFCU 112300 J15	-H82	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P15F --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P15	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF7-H	HHFPU 111100 J15G	HHFCU 112300 J15	-H83	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P15G --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P15	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF1-V	HHFPU 111100 J25A	HHFCU 112300 J25	-H84	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P25A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P25	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF2-V	HHFPU 111100 J25B	HHFCU 112300 J25	-H85	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P25B --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P25	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF3-V	HHFPU 111100 J25C	HHFCU 112300 J25	-H86	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P25C --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P25	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF4-V	HHFPU 111100 J25D	HHFCU 112300 J25	-H87	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P25D --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P25	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF5-V	HHFPU 111100 J25E	HHFCU 112300 J25	-H88	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P25E --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P25	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF6-V	HHFPU 111100 J25F	HHFCU 112300 J25	-H89	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P25F --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P25	EMC:2C/2B	1x111SS-38 -		DR
HIFI SIF7-V	HHFPU 111100 J25G	HHFCU 112300 J25	-H90	Type: H2A	EMC-Class: 2C	DR
Routed via:	Rt. 1 HHFPU 111100 P25G --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x111SS-38 -		DR
	Rt. 2 CB-TBD CB_TBD PxC2 --> HHFCU	112300 P25	EMC:2C/2B	1x111SS-38 -		DR

Channel Designation	from	to	Ch. ID	Data Sheet Wiring	Remark	New
HIFI CP-AC-P	HHFPU	111100 J16A HHFCU	112300 J16	-H91	Type: HCA EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P16A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x031BS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P16	EMC:2C/2B	1x031BS-38 -	DR
HIFI CP-LT-SY-P	HHFPU	111100 J16A HHFCU	112300 J16	-H92	Type: HCS EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P16A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x031SS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P16	EMC:2C/2B	1x031SS-38 -	DR
HIFI CP-LT-PY-P	HHFPU	111100 J16A HHFCU	112300 J16	-H93	Type: HCP EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P16A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x031BS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P16	EMC:2C/2B	1x031BS-38 -	DR
HIFI CS-HT-P	HHFPU	111100 J16A HHFCU	112300 J16	-H94	Type: HCH EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P16A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021SS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P16	EMC:2C/2B	1x021SS-38 -	DR
HIFI CS-HR-TS-P	HHFPU	111100 J16A HHFCU	112300 J16	-H95	Type: HBH EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P16A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P16	EMC:2C/2B	1x041SS-38 -	DR
HIFI CS-CR-TS-P	HHFPU	111100 J16A HHFCU	112300 J16	-H96	Type: HBC EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P16A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P16	EMC:2C/2B	1x041SS-38 -	DR
HIFI ST-TS-P	HHFPU	111100 J16A HHFCU	112300 J16	-H97	Type: HBS EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P16A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P16	EMC:2C/2B	1x041SS-38 -	DR
HIFI IF2-TS-P	HHFPU	111100 J16A HHFCU	112300 J16	-H98	Type: HCW EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P16A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P16	EMC:2C/2B	1x041SS-38 -	DR
HIFI CS-HR-TS-R	HHFPU	111100 J26A HHFCU	112300 J26	-H99	Type: HBH EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU 111100 P26A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD CB_TBD PxC2 --> HHFCU	112300 P26	EMC:2C/2B	1x041SS-38 -	DR

Astrium GmbH		Functional Channel Routing List	Doc.No. HP-2-ASED-IC-0001
Project:	HERSCHEL		Issue: Dr Date: 22.02.2002
			Sheet: ChRL-9 (of 12)

Channel Designation	from	to		Ch. ID	Data Sheet	Remark	New
					Wiring		
HIFI CS-CR-TS-R	HHFPU	111100 J26A	HHFCU	112300 J26	-I01	Type: HBC EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P26A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P26	EMC:2C/2B	1x041SS-38 -	DR
HIFI ST-TS-R	HHFPU	111100 J26A	HHFCU	112300 J26	-I02	Type: HBS EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P26A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P26	EMC:2C/2B	1x041SS-38 -	DR
HIFI CP-AC-R	HHFPU	111100 J26A	HHFCU	112300 J26	-I03	Type: HCA EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P26A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x031BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P26	EMC:2C/2B	1x031BS-38 -	DR
HIFI CS-HT-R	HHFPU	111100 J26A	HHFCU	112300 J26	-I04	Type: HCH EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P26A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x021SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P26	EMC:2C/2B	1x021SS-38 -	DR
HIFI CP-LT-PY-R	HHFPU	111100 J26A	HHFCU	112300 J26	-I05	Type: HCP EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P26A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x031BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P26	EMC:2C/2B	1x031BS-38 -	DR
HIFI CP-LT-SY-R	HHFPU	111100 J26A	HHFCU	112300 J26	-I06	Type: HCS EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P26A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x031SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P26	EMC:2C/2B	1x031SS-38 -	DR
HIFI IF2-TS-R	HHFPU	111100 J26A	HHFCU	112300 J26	-I07	Type: HCW EMC-Class: 2C	DR
Routed via:	Rt. 1	HHFPU	111100 P26A --> CB-TBD	CB_TBD JxC2	EMC: 2C	1x041SS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxC2 --> HHFCU	112300 P26	EMC:2C/2B	1x041SS-38 -	DR

Functional Channel Routing List

 Project:
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Channel Designation	from	to			Ch. ID	Data Sheet Wiring	Remark	New
SPIRE Bol. SLW Ch01 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S01	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch02 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S02	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch03 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S03	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch04 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S04	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch05 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S05	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch06 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S06	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch07 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S07	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch08 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S08	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch09 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S09	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch10 (S01)	HSDCU	122300 J27	HSJFS	121220 J05	-S10	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch11	HSDCU	122300 J27	HSJFS	121220 J05	-S11	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR

Project:
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Channel Designation	from	to			Ch. ID	Data Sheet Wiring	Remark	New
SPIRE Bol. SLW Ch12	HSDCU	122300 J27	HSJFS	121220 J05	-S12	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P27	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J05	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch13	HSDCU	122300 J28	HSJFS	121220 J06	-S13	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch14	HSDCU	122300 J28	HSJFS	121220 J06	-S14	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch15	HSDCU	122300 J28	HSJFS	121220 J06	-S15	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch16	HSDCU	122300 J28	HSJFS	121220 J06	-S16	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch17	HSDCU	122300 J28	HSJFS	121220 J06	-S17	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch18	HSDCU	122300 J28	HSJFS	121220 J06	-S18	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch19	HSDCU	122300 J28	HSJFS	121220 J06	-S19	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch20	HSDCU	122300 J28	HSJFS	121220 J06	-S20	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch21	HSDCU	122300 J28	HSJFS	121220 J06	-S21	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch22	HSDCU	122300 J28	HSJFS	121220 J06	-S22	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch23	HSDCU	122300 J28	HSJFS	121220 J06	-S23	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR
SPIRE Bol. SLW Ch24	HSDCU	122300 J28	HSJFS	121220 J06	-S24	Type: SBC	EMC-Class: 2B	DR
Routed via:	Rt. 1	HSDCU	122300 P28	--> CB-TBD	CB_TBD JxB2	EMC: 2B	1x021BS-38 -	DR
	Rt. 2	CB-TBD	CB_TBD PxB2	--> HSJFS	121220 J06	EMC:2B/2C	1x021BS-38 -	DR

14 Pin allocation List

Describing text tbd

Insert PAL from CAIE DataBase

<i>Herms</i>	<i>IF</i>	<i>PAL</i>
<i>Herms</i>		<i>IPA</i>

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Pin Allocation List (Harness)

Doc.No.: HP-2-ASED-IC-0001

Issue: Dr Date: 22.02.2002

Sheet: PAL-1 (of 1)

Project: **HERSCHEL**

Connector: 111100 P11A

Function: HIFI FPU Mixer Bias 1 Hor.1

Conn.-Type: MWDM2L-09S-6C3-630

Item: HHFPU

Location: 73 / IOB HIFI

Backshell: TBD

EMC-Category: 2C/Sig Ha FPU-FTH

Note: Signals of different EMC classes are routed via this Connector

Pin	Signal Designation	Interface-Code			Ch. ID	Wiring	Grouping:		Comment	Target-Item	Location	Connector	Pin	New
		Circuit	Signal	Pos.			Shd	Cable						
01	CABLE SHIELD	SHD								313100 J11			01	
02	MX1-B-H	HMX				051SS-38				313100 J11			32	
03	MX1-VM-H	HMX				051SS-38				313100 J11			02	
04	MX1-IM-H	HMX				051SS-38				313100 J11			33	
05	NC	HMX												
06	NC	HMX												
07	MX1-BRTN-H	HMX				051SS-38				313100 J11			03	
08	MX1-VMRTN-H	HMX				051SS-38				313100 J11			18	
09	NC													

old

for all connectors

~ 300 pages

Pin Allocation List

(Item)

Project:
HERSCHEL

Connector: 111100 J11A
 Item: HHFPU
 Location: 73 / IOB HIFI
 EMC-Category: 2C/Sig Ha FPU-FTH

Function: HIFI FPU Mixer Bias 1 Hor.1

Conn.-Type: MWDM2L-09P-6C3-630

Backshell: N/A

Pin	Signal Designation	Interface-Code		Grouping:		Comment	New
		Circuit	Signal Pos.	Ch. ID	Shd Cable Twist		
01	CABLE SHIELD	SHD	-				
02	MX1-B-H	HMX					
03	MX1-VM-H	HMX					
04	MX1-IM-H	HMX					
05	NC	HMX					
06	NC	HMX					
07	MX1-BRTN-H	HMX					
08	MX1-VMRTN-H	HMX					
09	NC						

for all comments

~ 300 pages

15 Supporting Information

Describing text tbd

~~Insert PAI from CAIE Data Base~~

Connector Mass Budget

Herschel Mass Budget

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HiFI Instrument	HHFPU	111100	P11A	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P11B	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P11C	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P11D	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P11E	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P11F	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P11G	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P12A	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P12B	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P12C	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P12D	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P12E	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P12F	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P12G	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P14A	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P14B	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P14C	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P14D	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P14E	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P14F	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P14G	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P15A	Not known Socket	Sig Ha FPU-FTH	30,00
			P15B	Not known Socket	Sig Ha FPU-FTH	30,00
			P15C	Not known Socket	Sig Ha FPU-FTH	30,00
			P15D	Not known Socket	Sig Ha FPU-FTH	30,00
			P15E	Not known Socket	Sig Ha FPU-FTH	30,00
			P15F	Not known Socket	Sig Ha FPU-FTH	30,00
			P15G	Not known Socket	Sig Ha FPU-FTH	30,00
			P16A	Not known Socket	Sig Ha FPU-FTH	30,00
			P16B	Not known Socket	Sig Ha FPU-FTH	30,00
			P16C	Not known Socket	Sig Ha FPU-FTH	30,00
			P17A	Not known Socket	Sig Ha FPU-FTH	30,00
			P17B	Not known Socket	Sig Ha FPU-FTH	30,00
			P17C	Not known Socket	Sig Ha FPU-FTH	30,00
			P17D	Not known Socket	Sig Ha FPU-FTH	30,00
			P17E	Not known Socket	Sig Ha FPU-FTH	30,00
			P21A	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P21B	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P21C	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P21D	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P21E	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P21F	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P21G	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P22A	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P22B	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P22C	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P22D	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P22E	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P22F	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P22G	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60
			P24A	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P24B	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P24C	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P24D	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P24E	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P24F	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P24G	MWDM2L-09S-6C3-630	Sig Ha FPU-FTH	4,60
			P25A	Not known Socket	Sig Ha FPU-FTH	30,00
			P25B	Not known Socket	Sig Ha FPU-FTH	30,00
			P25C	Not known Socket	Sig Ha FPU-FTH	30,00
			P25D	Not known Socket	Sig Ha FPU-FTH	30,00
			P25E	Not known Socket	Sig Ha FPU-FTH	30,00

Project:
HERSCHEL

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHFPU	111100	P25F	Not known Socket	Sig Ha FPU-FTH	30,00
			P25G	Not known Socket	Sig Ha FPU-FTH	30,00
			P26A	Not known Socket	Sig Ha FPU-FTH	30,00
			P26B	Not known Socket	Sig Ha FPU-FTH	30,00
			P26C	Not known Socket	Sig Ha FPU-FTH	30,00
			P27A	Not known Socket	Sig Ha FPU-FTH	30,00
			P27B	Not known Socket	Sig Ha FPU-FTH	30,00
			P27C	Not known Socket	Sig Ha FPU-FTH	30,00
			P27D	Not known Socket	Sig Ha FPU-FTH	30,00
			P27E	Not known Socket	Sig Ha FPU-FTH	30,00
					EMC Subtotal	1093

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHFPU	111100	P01	Not known Socket	not known	30,00
			P02	Not known Socket	not known	30,00
			P03	Not known Socket	not known	30,00
			P04	Not known Socket	not known	30,00
			P05	Not known Socket	not known	30,00
			P06	Not known Socket	not known	30,00
			P07	Not known Socket	not known	30,00
			P08	Not known Socket	not known	30,00
			P09	Not known Socket	not known	30,00
			P10	Not known Socket	not known	30,00
					S/S Subtotal :	300
					EMC Subtotal	300

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHLOU	111200	P01	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P02	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P03	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P04	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P05	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P06	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P07	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P08	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P09	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P10	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P11	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P12	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P13	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P14	DDM-50P-NMB	Sig Ha FTH-SVMCB	22,41
			P15	Not known Socket	Sig Ha FTH-SVMCB	30,00
			P16	Not known Socket	Sig Ha FTH-SVMCB	30,00
					S/S Subtotal :	374
					EMC Subtotal	374

Astrium GmbH

Project:

HERSCHEL

Connector Mass Budget

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Subsystem

Herschel HIFI
Instrument

Item

HHLWU

Item ID

111400

Nr

P01

Connector Type

Not known Socket

EMC Category

Sig Ha FTH-SVMCB

Mass [g]

30,00

S/S Subtotal :

30

EMC Subtotal

30

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Connector Mass Budget

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Project:

HERSCHEL

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHLCU	112100	P25	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
			P26	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
S/S Subtotal :						14
EMC Subtotal						14

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHLCU	112100	P01	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P02	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P03	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P04	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P05	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P06	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P07	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P08	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P09	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P10	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P11	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P12	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P13	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P14	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P15	Not known Socket	Sig Ha Box-SVMCB	30,00
			P16	Not known Socket	Sig Ha Box-SVMCB	30,00
S/S Subtotal :						1040
EMC Subtotal						1040

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Project:
HERSCHEL

Connector Mass Budget

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHLCU	112100	P17	Not known Socket	not known	30,00
			P18	Not known Socket	not known	30,00
			P19	Not known Socket	not known	30,00
			P20	Not known Socket	not known	30,00
			P21	Not known Socket	not known	30,00
			P22	Not known Socket	not known	30,00
			P23	Not known Socket	not known	30,00
			P24	Not known Socket	not known	30,00
S/S Subtotal :						240
EMC Subtotal						240

Astrium GmbH

Connector Mass Budget

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HERSCHEL

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHLSU	112200	P01	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
			P02	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
					S/S Subtotal :	14
					EMC Subtotal	14

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Connector Mass Budget

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HERSCHEL

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHLSU	112200	P03	Not known Socket	not known	30,00
					S/S Subtotal :	30
					EMC Subtotal	30

Astrium GmbH

Connector Mass Budget

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Project:

HERSCHEL

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHFCU	112300	P11	HDMA-44 S	Sig Ha Box-SVMCB	71,00
			P12	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P13	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P14	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P15	HDMA-62 P	Sig Ha Box-SVMCB	73,00
			P16	HDMA-62 S	Sig Ha Box-SVMCB	75,00
			P17	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
			P21	HDMA-44 S	Sig Ha Box-SVMCB	71,00
			P22	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P23	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P24	HDMA-44 P	Sig Ha Box-SVMCB	70,00
			P25	HDMA-62 P	Sig Ha Box-SVMCB	73,00
			P26	HDMA-62 S	Sig Ha Box-SVMCB	75,00
			P27	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
					S/S Subtotal :	676
					EMC Subtotal	676

Project:

HERSCHEL

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHFCU	112300	P01	Not known Socket	not known	30,00
			P02	Not known Socket	not known	30,00
			P03	Not known Socket	not known	30,00
			P04	Not known Socket	not known	30,00
			P05	Not known Socket	not known	30,00
			P06	Not known Socket	not known	30,00
			P07	Not known Socket	not known	30,00
			P08	Not known Socket	not known	30,00
			P09	Not known Socket	not known	30,00
			P10	Not known Socket	not known	30,00
S/S Subtotal :						300
EMC Subtotal						300

Connector Mass Budget

Project:

HERSCHEL

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHHRI	112410	P01	DEM-09S-NMB	not known	6,99
			P02	DEM-09S-NMB	not known	6,99
			P03	Not known Socket	not known	30,00
			P04	Not known Socket	not known	30,00
			P05	Not known Socket	not known	30,00
			P06	Not known Socket	not known	30,00
			P07	Not known Socket	not known	30,00
			P08	Not known Socket	not known	30,00
			P09	Not known Socket	not known	30,00
			P10	Not known Socket	not known	30,00
			P11	Not known Socket	not known	30,00
			P12	Not known Socket	not known	30,00
					S/S Subtotal :	314
					EMC Subtotal	314

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Project:

HERSCHEL

Connector Mass Budget

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHHRH	112420	P01	Not known Socket	not known	30,00
S/S Subtotal :						30
EMC Subtotal :						30

Astrium GmbH

Project:

HERSCHEL

Connector Mass Budget

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHHRV	112430	P01	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
					S/S Subtotal :	7
					EMC Subtotal	7

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HiFI Instrument	HHHRV	112430	P02	Not known Socket	not known	30,00
			P03	Not known Socket	not known	30,00
			P04	Not known Socket	not known	30,00
			P05	Not known Socket	not known	30,00
			P06	Not known Socket	not known	30,00
			P07	Not known Socket	not known	30,00
			P08	Not known Socket	not known	30,00
			P09	Not known Socket	not known	30,00
			P10	Not known Socket	not known	30,00
			P11	Not known Socket	not known	30,00
			P12	Not known Socket	not known	30,00
			P13	Not known Socket	not known	30,00
			P14	Not known Socket	not known	30,00
					S/S Subtotal :	390
					EMC Subtotal	390

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel HIFI Instrument	HHICU	112600	P01	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
			P02	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
					S/S Subtotal :	14
					EMC Subtotal	14

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSFPU	121100	P17	MWDM2L-15P-6C3-630	Sig Ha FPU-FTH	5,00
			P18	MWDM2L-15S-6C3-630	Sig Ha FPU-FTH	5,00
			P19	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P20	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20
			P21	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P22	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20
			P23	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P24	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20
			P25	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P26	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P27	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P28	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P29	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P30	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
S/S Subtotal :						120
EMC Subtotal						120

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSFPU	121100	P01	TBD	Sig Ha FPU Internal	0,00
			P02	TBD	Sig Ha FPU Internal	0,00
			P03	TBD	Sig Ha FPU Internal	0,00
			P04	TBD	Sig Ha FPU Internal	0,00
			P05	TBD	Sig Ha FPU Internal	0,00
			P06	TBD	Sig Ha FPU Internal	0,00
			P07	TBD	Sig Ha FPU Internal	0,00
			P08	TBD	Sig Ha FPU Internal	0,00
			P09	TBD	Sig Ha FPU Internal	0,00
			P10	TBD	Sig Ha FPU Internal	0,00
			P11	TBD	Sig Ha FPU Internal	0,00
			P12	TBD	Sig Ha FPU Internal	0,00
			P13	TBD	Sig Ha FPU Internal	0,00
			P14	TBD	Sig Ha FPU Internal	0,00
			P15	TBD	Sig Ha FPU Internal	0,00
S/S Subtotal :						0
EMC Subtotal						0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSJFP	121210	P01	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P02	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P03	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P04	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P05	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P06	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P07	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P08	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P09	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P10	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P11	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P12	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P13	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P14	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P15	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P16	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P17	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P18	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P19	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P20	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P21	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P22	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P23	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P24	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P25	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P26	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P27	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
			P28	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20
S/S Subtotal :						193
EMC Subtotal						193

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSJFS	121220	J05	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50
			J06	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			J07	TBD	Sig Ha FPU-FTH	0,00
			J08	TBD	Sig Ha FPU-FTH	0,00
			J09	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20
			J10	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20
			P01	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P02	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50
			P03	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50
			P04	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50
P05	MWDM2L-25S-6C3-630	Sig Ha FPU-FTH	6,50			
P06	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
P07	TBD	Sig Ha FPU-FTH	0,00			
P08	TBD	Sig Ha FPU-FTH	0,00			
P09	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
P10	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
S/S Subtotal :						89
EMC Subtotal						89

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSDPU	122100	P01	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
			P02	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
S/S Subtotal :						14
EMC Subtotal						14

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSDPU	122100	P07	DBM-25S-NMB	Sig Ha on SVM Panels	15,42
			P08	DBM-25S-NMB	Sig Ha on SVM Panels	15,42
			P09	DBM-25S-NMB	Sig Ha on SVM Panels	15,42
			P10	DBM-25S-NMB	Sig Ha on SVM Panels	15,42
			P11	DBM-25S-NMB	Sig Ha on SVM Panels	15,42
			P12	DBM-25S-NMB	Sig Ha on SVM Panels	15,42
					S/S Subtotal :	93
					EMC Subtotal	93

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSDPU	122100	P03	DEM-09P-NMB	Sig Ha fr S/C C/O	6,08
			P04	DEM-09P-NMB	Sig Ha fr S/C C/O	6,08
			P05	DEM-09P-NMB	Sig Ha fr S/C C/O	6,08
			P06	DEM-09P-NMB	Sig Ha fr S/C C/O	6,08
S/S Subtotal :						24
EMC Subtotal						24

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSFCU	122200	P05	TBD	Pwr Harn fr S/C C/O	0,00
			P06	DEM-09S-NMB	Pwr Harn fr S/C C/O	6,99
S/S Subtotal :						7
EMC Subtotal						7

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]			
Herschel SPIRE Instrument	HSFCU	122200	P11	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39			
			P12	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39			
			P13	DEM-09P-NMB	Sig Ha Box-SVMCB	6,08			
			P14	DEM-09P-NMB	Sig Ha Box-SVMCB	6,08			
			P15	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39			
			P16	DAM-15S-NMB	Sig Ha Box-SVMCB	10,21			
			P17	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82			
			P18	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82			
			P19	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73			
			P20	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82			
			P21	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38			
			P22	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38			
			P23	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82			
			P24	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82			
			P25	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82			
			P26	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82			
			P29	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82			
			P30	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73			
			S/S Subtotal :						268
			EMC Subtotal						268

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]			
Herschel SPIRE Instrument	HSFCU	122200	P01	DBM-25P-NMB	Sig Ha on SVM Panels	13,38			
			P02	DBM-25P-NMB	Sig Ha on SVM Panels	13,38			
			P03	DBM-25P-NMB	Sig Ha on SVM Panels	13,38			
			P04	DBM-25P-NMB	Sig Ha on SVM Panels	13,38			
			P09	DBM-25S-NMB	Sig Ha on SVM Panels	15,42			
			P10	DBM-25S-NMB	Sig Ha on SVM Panels	15,42			
								S/S Subtotal :	84
								EMC Subtotal	84

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSFCU	122200	P27	TBD	Sig Ha fr Testeq.	0,00
			P28	TBD	Sig Ha fr Testeq.	0,00
S/S Subtotal :						0
EMC Subtotal						0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSFCU	122200	P07	TBD	not known	0,00
			P08	TBD	not known	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSDCU	122300	P05	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P06	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P07	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P08	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P09	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P10	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P11	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P12	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P13	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P14	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P15	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P16	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P17	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P18	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P19	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P20	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P21	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P22	DDM-50S-NMB	Sig Ha Box-SVMCB	26,31
			P23	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P24	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P25	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P26	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P27	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P28	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P29	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P30	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P31	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P32	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P33	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P34	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
					S/S Subtotal :	717
					EMC Subtotal	717

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel SPIRE Instrument	HSDCU	122300	P01	DBM-25P-NMB	Sig Ha on SVM Panels	13,38
			P02	DBM-25P-NMB	Sig Ha on SVM Panels	13,38
			P03	DBM-25P-NMB	Sig Ha on SVM Panels	13,38
			P04	DBM-25P-NMB	Sig Ha on SVM Panels	13,38
S/S Subtotal :						54
EMC Subtotal						54

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]			
Herschel PACS Instrument	HPFPU	131100	P01	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P02	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P03	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P04	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P05	MWDM2L-15P-6C3-630	Sig Ha FPU-FTH	5,00			
			P06	MWDM2L-15P-6C3-630	Sig Ha FPU-FTH	5,00			
			P07	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P08	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60			
			P09	MWDM2L-09P-6C3-630	Sig Ha FPU-FTH	4,60			
			P10	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P11	MWDM2L-15P-6C3-630	Sig Ha FPU-FTH	5,00			
			P12	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
			P13	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
			P14	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P15	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
			P16	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
			P17	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P18	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P20	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P21	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P22	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
			P23	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
			P24	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P25	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
			P26	MWDM2L-25P-6C3-630	Sig Ha FPU-FTH	6,50			
			P27	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P28	MWDM2L-31P-6C3-630	Sig Ha FPU-FTH	7,70			
			P40	MWDM2L-21P-6C3-630	Sig Ha FPU-FTH	5,40			
			P41	MWDM2L-21P-6C3-630	Sig Ha FPU-FTH	5,40			
			P42	MWDM2L-21P-6C3-630	Sig Ha FPU-FTH	5,40			
			P43	MWDM2L-21P-6C3-630	Sig Ha FPU-FTH	5,40			
			P50	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P51	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P52	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P53	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P54	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P55	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P56	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P57	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P58	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P59	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P60	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P61	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P62	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P63	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P64	MWDM2L-37S-6C3-630	Sig Ha FPU-FTH	9,20			
			P65	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P66	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P67	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P68	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			P69	MWDM2L-37P-6C3-630	Sig Ha FPU-FTH	9,20			
			S/S Subtotal :						390
			EMC Subtotal						390

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPFPUT1	131111	P308	Box Responsible Socket	Sig Ha FPU Internal	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPFPUT2	131112	P318	Box Responsible Socket	Sig Ha FPU Internal	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPFPUT3	131113	P309	Box Responsible Socket	Sig Ha FPU Internal	0,00
S/S Subtotal :						0
EMC Subtotal						0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPFPUT4	131114	P319	Box Responsible Socket	Sig Ha FPU Internal	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPCALS1	131121	P305	Box Responsible Socket	Sig Ha FPU Internal	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPCALS2	131122	P306	Box Responsible Socket	Sig Ha FPU Internal	0,00
S/S Subtotal :						0
EMC Subtotal						0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPCHOP	131130	P307	Box Responsible Socket	Sig Ha FPU Internal	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPFWHR1	131141	P301	Box Responsible Socket	Sig Ha FPU Internal	0,00
			P302	Box Responsible Socket	Sig Ha FPU Internal	0,00
S/S Subtotal :						0
EMC Subtotal						0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPFWHR2	131142	P303	Box Responsible Socket	Sig Ha FPU Internal	0,00
			P304	Box Responsible Socket	Sig Ha FPU Internal	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPGRAT	131150	P308	Box Responsible Socket	Sig Ha FPU Internal	0,00
			P309	Box Responsible Socket	Sig Ha FPU Internal	0,00
			P310	Box Responsible Socket	Sig Ha FPU Internal	0,00
			P311	Box Responsible Socket	Sig Ha FPU Internal	0,00
S/S Subtotal :						0
EMC Subtotal						0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPBOLA	131200	P01	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P02	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P03	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P04	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P05	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P06	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P07	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P08	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P09	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P10	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P11	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P12	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P13	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P14	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P15	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P16	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P17	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P18	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P19	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P20	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P21	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P22	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P23	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P24	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P25	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P26	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P27	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P28	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P29	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P30	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
			P31	MWDM2L-37S-6C3-630	Sig Ha FTH-SVMCB	9,20
			P32	MWDM2L-37P-6C3-630	Sig Ha FTH-SVMCB	9,20
					S/S Subtotal :	294
					EMC Subtotal	294

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDECMEC1	132100	P11	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P12	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P13	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P14	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P15	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
			P16	DEM-09P-NMB	Sig Ha Box-SVMCB	6,08
			P17	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P51	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P53	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
			P55	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P57	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P62	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P64	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
			P66	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P68	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P78	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
S/S Subtotal :						214
EMC Subtotal						214

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDECMEC1	132100	P01	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P02	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P03	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P04	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P05	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P06	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P07	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P08	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P09	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P10	MWDM2L-15S-6C3-630	Sig Ha on SVM Panels	5,00
			P18	Not known Socket	Sig Ha on SVM Panels	30,00
					S/S Subtotal :	76
					EMC Subtotal	76

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDECMEC1	132100	P20	Not known Socket	Sig Ha fr Testeq.	30,00
			P21	Not known Socket	Sig Ha fr Testeq.	30,00
S/S Subtotal :						60
EMC Subtotal						60

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDECMC2	132200	P11	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P12	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P13	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P14	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P15	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
			P16	DEM-09P-NMB	Sig Ha Box-SVMCB	6,08
			P51	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P53	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
			P55	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P57	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P62	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P64	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
			P66	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P68	DBM-25P-NMB	Sig Ha Box-SVMCB	13,38
			P78	DAM-15P-NMB	Sig Ha Box-SVMCB	8,39
					S/S Subtotal :	195
					EMC Subtotal	195

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]			
Herschel PACS Instrument	HPDECMC2	132200	P02	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P03	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P04	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P05	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P06	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P07	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P08	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P09	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P10	MWDM2L-15S-6C3-630	Sig Ha on SVM Panels	5,00			
			P17	DCM-37P-NMB	Sig Ha on SVM Panels	18,82			
			P18	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
								S/S Subtotal :	65
								EMC Subtotal	65

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDECMEC2	132200	P01	DEM-09S-NMB	Sig Ha fr S/C C/O	6,99
S/S Subtotal :						7
EMC Subtotal						7

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDECMEC2	132200	P20	Not known Socket	Sig Ha fr Testeq.	30,00
			P21	Not known Socket	Sig Ha fr Testeq.	30,00
S/S Subtotal :						60
EMC Subtotal						60

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPBOLC	132300	P25	Box Responsible Socket	Pwr Harn fr S/C C/O	0,00
			P26	Box Responsible Socket	Pwr Harn fr S/C C/O	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPBOLC	132300	P01	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P02	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P03	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P04	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P05	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P06	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P07	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P08	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P09	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P10	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P11	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P12	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P13	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P14	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P15	DCM-37S-NMB	Sig Ha Box-SVMCB	21,73
			P16	DCM-37P-NMB	Sig Ha Box-SVMCB	18,82
			P17	HDMA-62 S	Sig Ha Box-SVMCB	75,00
			P18	HDMA-62 S	Sig Ha Box-SVMCB	75,00
S/S Subtotal :						480
EMC Subtotal						480

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPBOLC	132300	P21	Box Responsible Socket	Sig Ha on SVM Panels	0,00
			P22	Box Responsible Socket	Sig Ha on SVM Panels	0,00
			P23	Box Responsible Socket	Sig Ha on SVM Panels	0,00
			P24	Box Responsible Socket	Sig Ha on SVM Panels	0,00
			P27	Box Responsible Socket	Sig Ha on SVM Panels	0,00
			P28	Box Responsible Socket	Sig Ha on SVM Panels	0,00
			P29	Box Responsible Socket	Sig Ha on SVM Panels	0,00
			P30	Box Responsible Socket	Sig Ha on SVM Panels	0,00
					S/S Subtotal :	0
					EMC Subtotal	0

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDPU	132400	P01	DAM-15S-NMB	Pwr Ham fr S/C C/O	10,21
			P03	DEM-09S-NMB	Pwr Ham fr S/C C/O	6,99
					S/S Subtotal :	17
					EMC Subtotal	17

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDPU	132400	P05	DAM-15S-NMB	Sig Ha on SVM Panels	10,21
			P06	DAM-15S-NMB	Sig Ha on SVM Panels	10,21
			P07	DEM-09S-NMB	Sig Ha on SVM Panels	6,99
			P08	DEM-09S-NMB	Sig Ha on SVM Panels	6,99
			P09	DEM-09S-NMB	Sig Ha on SVM Panels	6,99
			P10	DEM-09S-NMB	Sig Ha on SVM Panels	6,99
					S/S Subtotal :	48
					EMC Subtotal	48

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPDPU	132400	P02	DAM-15S-NMB	Sig Ha fr S/C C/O	10,21
			P04	DEM-09P-NMB	Sig Ha fr S/C C/O	6,08
S/S Subtotal :						16
EMC Subtotal						16

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPSPU1	132500	P11	DEM-09S-NMB	Pwr Ham fr S/C C/O	6,99
					S/S Subtotal :	7
					EMC Subtotal	7

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPSPU1	132500	P13	DAM-15S-NMB	Sig Ha on SVM Panels	10,21
			P21	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P22	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P23	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P24	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P31	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P32	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P33	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
			P34	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60
					S/S Subtotal :	47
					EMC Subtotal	47

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Herschel PACS Instrument	HPSPU2	132600	P11	DEM-09S-NMB	Pwr Ham fr S/C C/O	6,99
					S/S Subtotal :	7
					EMC Subtotal	7

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]			
Herschel PACS Instrument	HPSPU2	132600	P13	DAM-15S-NMB	Sig Ha on SVM Panels	10,21			
			P21	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P22	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P23	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P24	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P31	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P32	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P33	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
			P34	MWDM2L-09P-6C3-630	Sig Ha on SVM Panels	4,60			
								S/S Subtotal :	47
								EMC Subtotal	47

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Cryostat Structure S/S	CVVUCR	211121	J01	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J02	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J03	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J04	197-011P24-35P	Sig Ha FTH-SVMCB	80,00
			J05	197-011P24-35P	Sig Ha FTH-SVMCB	80,00
			J06	197-011P24-35P	Sig Ha FTH-SVMCB	80,00
			J07	197-011P24-35P	Sig Ha FTH-SVMCB	80,00
			J08	197-011P24-35P	Sig Ha FTH-SVMCB	80,00
			J09	197-011P22-35P	Sig Ha FTH-SVMCB	60,00
			J10	197-011P22-35P	Sig Ha FTH-SVMCB	60,00
			J11	197-011P22-35P	Sig Ha FTH-SVMCB	60,00
			J12	197-011P22-35P	Sig Ha FTH-SVMCB	60,00
			J13	197-011P22-35P	Sig Ha FTH-SVMCB	60,00
			J14	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J15	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J16	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J17	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J18	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J19	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J20	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J21	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J22	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J23	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J24	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J25	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J26	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J27	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J28	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J29	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J30	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J31	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J32	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J33	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J34	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J35	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
S/S Subtotal :						1950
EMC Subtotal						1950

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Cryostat Structure S/S	CVVUCR	211121	P01	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P02	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P03	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P04	197-012P24-35S	Sig Ha FPU-FTH	107,30
			P05	197-012P24-35S	Sig Ha FPU-FTH	107,30
			P06	197-012P24-35S	Sig Ha FPU-FTH	107,30
			P07	197-012P24-35S	Sig Ha FPU-FTH	107,30
			P08	197-012P24-35S	Sig Ha FPU-FTH	107,30
			P09	197-012P22-35S	Sig Ha FPU-FTH	80,00
			P10	197-012P22-35S	Sig Ha FPU-FTH	80,00
			P11	197-012P22-35S	Sig Ha FPU-FTH	80,00
			P12	197-012P22-35S	Sig Ha FPU-FTH	80,00
			P13	197-012P22-35S	Sig Ha FPU-FTH	80,00
			P14	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P15	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P16	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P17	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P18	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P19	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P20	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P21	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P22	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P23	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P24	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P25	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P26	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P27	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P28	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P29	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P30	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P31	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P32	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P33	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P34	197-012P18-35S	Sig Ha FPU-FTH	70,00
P35	197-012P18-35S	Sig Ha FPU-FTH	70,00			
S/S Subtotal :						2687
EMC Subtotal						2687

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Cryostat Structure S/S	CVVMCR	211122	J01	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J02	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J03	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J04	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J05	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J06	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J07	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J08	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J09	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J10	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J11	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J12	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J13	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J14	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J15	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J16	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J17	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J18	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J19	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J20	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J21	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J22	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J23	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J24	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J25	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J26	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J27	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J28	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
S/S Subtotal :						1400
EMC Subtotal						1400

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Cryostat Structure S/S	CVVMCR	211122	P01	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P02	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P03	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P04	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P05	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P06	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P07	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P08	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P09	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P10	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P11	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P12	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P13	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P14	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P15	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P16	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P17	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P18	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P19	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P20	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P21	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P22	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P23	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P24	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P25	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P26	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P27	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P28	197-012P18-35S	Sig Ha FPU-FTH	70,00
S/S Subtotal :						1960
EMC Subtotal						1960

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Cryostat Structure S/S	CVVLVR	211123	J01	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J02	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J03	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J04	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J05	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J06	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J07	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J08	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J09	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
			J10	197-011P18-35P	Sig Ha FTH-SVMCB	50,00
					S/S Subtotal :	500
					EMC Subtotal	500

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Cryostat Structure S/S	CVVLVR	211123	P01	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P02	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P03	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P04	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P05	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P06	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P07	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P08	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P09	197-012P18-35S	Sig Ha FPU-FTH	70,00
			P10	197-012P18-35S	Sig Ha FPU-FTH	70,00
S/S Subtotal :						700
EMC Subtotal						700

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Cryostat Electrical S/S	CCUCB?	214400	P01	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P02	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P03	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P04	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P05	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P06	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P07	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P08	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P09	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P10	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
S/S Subtotal :						1100
EMC Subtotal :						1100

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
Cryostat Electrical S/S	CCUCB?	214400	J01	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J02	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J03	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J04	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J05	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J06	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J07	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J08	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J09	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J10	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
S/S Subtotal :						800
EMC Subtotal						800

Connector Mass Budget

Project:

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Issue: Dr

Date: 22.02.2002

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	HHSVMCB1	311100	P01	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P02	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P03	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P04	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P05	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P06	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
					S/S Subtotal :	660
					EMC Subtotal	660

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	HHSVMCB1	311100	J01	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J02	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J03	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J04	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J05	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J06	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
					S/S Subtotal :	480
					EMC Subtotal	480

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	HHSVMCB2	311200	P07	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P08	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P09	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P10	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P11	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P12	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P13	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
					S/S Subtotal :	770
					EMC Subtotal	770

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	HHSVMCB2	311200	J07	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J08	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J09	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J10	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J11	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J12	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J13	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
					S/S Subtotal :	560
					EMC Subtotal	560

Connector Mass Budget

Project:

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	HSSVMCB	312000	P01	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P02	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P03	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P04	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P05	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P06	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P07	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P08	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P09	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P10	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P11	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P12	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P13	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
					S/S Subtotal :	1430
					EMC Subtotal	1430

Connector Mass Budget

Project:

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	HSSVMCB	312000	J01	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J02	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J03	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J04	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J05	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J06	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J07	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J08	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J09	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J10	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J11	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J12	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J13	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
					S/S Subtotal :	1040
					EMC Subtotal	1040

Connector Mass Budget

Project:

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	HPSVMCB	313000	P01	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P02	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P03	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P04	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P05	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P06	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P07	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P08	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P09	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P10	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P11	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P12	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P13	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P14	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P15	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P16	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P17	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P18	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P19	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P20	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P21	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P22	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P23	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P24	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P25	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P26	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
					S/S Subtotal :	2860
					EMC Subtotal	2860

Connector Mass Budget

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	HPSVMCB	313000	J01	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J02	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J03	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J04	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J05	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J06	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J07	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J08	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J09	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J10	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J11	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J12	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J13	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J14	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J15	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J16	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J17	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J18	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J19	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J20	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J21	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J22	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J23	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J24	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J25	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J26	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
					S/S Subtotal :	2080
					EMC Subtotal	2080

Connector Mass Budget

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Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	CCSSVMCB	314000	P01	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P02	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P03	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P04	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P05	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P06	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P07	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P08	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P09	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P10	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P11	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P12	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
			P13	SVM CB Plug Round	Sig Ha FTH-SVMCB	110,00
					S/S Subtotal :	1430
					EMC Subtotal	1430

Connector Mass Budget

Subsystem	Item	Item ID	Nr	Connector Type	EMC Category	Mass [g]
SVM Connector Bracket	CCSSVMCB	314000	J01	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J02	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J03	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J04	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J05	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J06	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J07	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J08	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J09	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J10	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J11	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J12	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
			J13	SVM CB Junc Round	Sig Ha Box-SVMCB	80,00
					S/S Subtotal :	1040
					EMC Subtotal	1040

Total : 32,01 Kg

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Source/Target Item	Source/Target Connector	Signal Type	Wiring	Sp.Weight [g/m]	Dist.	Weight [g]	
from 111100 to 211121 :	Source Conn.: P11A Target Conn.: J15	HMX.-	1x 051SS-38		2,5		
	Source Conn.: P11B Target Conn.: J15	HMX.-	1x 051SS-38				
Subtotal :							
from 111100 to CB_TBD :	Source Conn.: P11C Target Conn.: JxC2	HMX.-	1x 051SS-38		2,5		
	Source Conn.: P11D Target Conn.: JxC2	HMX.-	1x 051SS-38				
	Source Conn.: P11E Target Conn.: JxC2	HMX.-	1x 051SS-38				
	Source Conn.: P11F Target Conn.: JxC2	HMX.-	1x 051SS-38				
	Source Conn.: P11G Target Conn.: JxC2	HMX.-	1x 051SS-38				
	Source Conn.: P12A Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556			7,78
		HTS.-	1x 041SS-38	2,22			5,55
	Source Conn.: P12B Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556			7,78
		HTS.-	1x 041SS-38	2,22			5,55
	Source Conn.: P12C Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556			7,78
		HTS.-	1x 041SS-38	2,22			5,55
	Source Conn.: P12D Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556			7,78
		HTS.-	1x 041SS-38	2,22			5,55
	Source Conn.: P12E Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556			7,78
		HTS.-	1x 041SS-38	2,22			5,55
	Source Conn.: P12F Target Conn.: JxC2	HHT.-	1x 021BS-38	1,556			3,89
		HTS.-	1x 041SS-38	2,22			5,55
	Source Conn.: P12G Target Conn.: JxC2	HHT.-	1x 021BS-38	1,556			3,89
		HTS.-	1x 041SS-38	2,22			5,55
	Source Conn.: P14A Target Conn.: JxC2	H1A.1	1x 111BS-30				
	Source Conn.: P14B Target Conn.: JxC2	H1A.1	1x 111BS-30				
	Source Conn.: P14C Target Conn.: JxC2	H1A.1	1x 111BS-30				
	Source Conn.: P14D Target Conn.: JxC2	H1A.1	1x 111BS-30				
	Source Conn.: P14E Target Conn.: JxC2	H1A.1	1x 111BS-30				
	Source Conn.: P14F Target Conn.: JxC2	H1A.1	1x 111BS-30				
	Source Conn.: P14G Target Conn.: JxC2	H1A.1	1x 111BS-30				
	Source Conn.: P15A Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2			10,50
	Source Conn.: P15B Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2			10,50
	Source Conn.: P15C Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2			10,50
	Source Conn.: P15D Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2			10,50
	Source Conn.: P15E Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2			10,50
	Source Conn.: P15F Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2			10,50
	Source Conn.: P15G Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2			10,50
	Source Conn.: P16A Target Conn.: JxC2	HBH.-	4x 041SS-38	2,22			22,20
		HCA.-	2x 031BS-38	2			10,00
		HCH.-	1x 021SS-38	1,75			4,38

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Source/Target Item	Source/Target Connector	Signal Type	Wiring	Sp.Weight [g/m]	Dist.	Weight [g]
from 111100 to CB_TBD :	Source Conn.: P16A Target Conn.: JxC2	HCS.-	1x 031SS-38	2	2,5	5,00
	Source Conn.: P17A Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89
	Source Conn.: P17B Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89
	Source Conn.: P17C Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89
	Source Conn.: P17D Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89
	Source Conn.: P17E Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89
	Source Conn.: P21A Target Conn.: JxC2	HMX.-	1x 051SS-38			
	Source Conn.: P21B Target Conn.: JxC2	HMX.-	1x 051SS-38			
	Source Conn.: P21C Target Conn.: JxC2	HMX.-	1x 051SS-38			
	Source Conn.: P21D Target Conn.: JxC2	HMX.-	1x 051SS-38			
	Source Conn.: P21E Target Conn.: JxC2	HMX.-	1x 051SS-38			
	Source Conn.: P21F Target Conn.: JxC2	HMX.-	1x 051SS-38			
	Source Conn.: P21G Target Conn.: JxC2	HMX.-	1x 051SS-38			
	Source Conn.: P22A Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556		7,78
		HTS.-	1x 041SS-38	2,22		5,55
	Source Conn.: P22B Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556		7,78
		HTS.-	1x 041SS-38	2,22		5,55
	Source Conn.: P22C Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556		7,78
		HTS.-	1x 041SS-38	2,22		5,55
	Source Conn.: P22D Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556		7,78
		HTS.-	1x 041SS-38	2,22		5,55
	Source Conn.: P22E Target Conn.: JxC2	HHT.-	2x 021BS-38	1,556		7,78
		HTS.-	1x 041SS-38	2,22		5,55
	Source Conn.: P22F Target Conn.: JxC2	HHT.-	1x 021BS-38	1,556		3,89
		HTS.-	1x 041SS-38	2,22		5,55
	Source Conn.: P22G Target Conn.: JxC2	HHT.-	1x 021BS-38	1,556		3,89
		HTS.-	1x 041SS-38	2,22		5,55
	Source Conn.: P24A Target Conn.: JxC2	H1A.1	1x 111BS-30			
	Source Conn.: P24B Target Conn.: JxC2	H1A.1	1x 111BS-30			
	Source Conn.: P24C Target Conn.: JxC2	H1A.-	1x 261BS-30			
	Source Conn.: P24D Target Conn.: JxC2	H1A.-	1x 261BS-30			
	Source Conn.: P24E Target Conn.: JxC2	H1A.-	1x 261BS-30			
	Source Conn.: P24F Target Conn.: JxC2	H1A.-	1x 261BS-30			
	Source Conn.: P24G Target Conn.: JxC2	H1A.-	1x 261BS-30			
	Source Conn.: P25A Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2		10,50
	Source Conn.: P25B Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2		10,50
	Source Conn.: P25C Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2		10,50
	Source Conn.: P25D Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2		10,50
	Source Conn.: P25E Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2		10,50
	Source Conn.: P25F Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2		10,50

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Source/Target Item	Source/Target Connector	Signal Type	Wiring	Sp.Weight [g/m]	Dist.	Weight [g]		
from 111100 to CB_TBD :	Source Conn.: P25G Target Conn.: JxC2	H2A.-	1x 111SS-38	4,2	2,5	10,50		
	Source Conn.: P26A Target Conn.: JxC2	HBH.-	4x 041SS-38	2,22		22,20		
		HCA.-	2x 031BS-38	2		10,00		
		HCH.-	1x 021SS-38	1,75		4,38		
		HCS.-	1x 031SS-38	2		5,00		
	Source Conn.: P27A Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89		
	Source Conn.: P27B Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89		
	Source Conn.: P27C Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89		
	Source Conn.: P27D Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556		3,89		
Source Conn.: P27E Target Conn.: JxC2	HDP.-	1x 021BS-38	1,556	3,89				
Subtotal :						440,07		
from 112300 to 311200 :	Source Conn.: P11 Target Conn.: P07	HMX.-	2x 051SS-38		2,5			
Subtotal :								
from 112300 to CB_TBD :	Source Conn.: P11 Target Conn.: PxC2	HMX.-	5x 051SS-38		2,5			
	Source Conn.: P12 Target Conn.: PxC2	HHT.-	12x 021BS-38	1,556		46,67		
	Source Conn.: P13 Target Conn.: PxC2	HTS.-	7x 041SS-38	2,22		38,85		
	Source Conn.: P14 Target Conn.: PxC2	H1A.1	7x 111BS-30					
	Source Conn.: P15 Target Conn.: PxC2	H2A.-	7x 111SS-38	4,2		73,50		
		HDP.-	1x 021BS-38	1,556		3,89		
	Source Conn.: P16 Target Conn.: PxC2	HBH.-	4x 041SS-38	2,22		22,20		
		HCA.-	2x 031BS-38	2		10,00		
		HCH.-	1x 021SS-38	1,75		4,38		
		HCS.-	1x 031SS-38	2		5,00		
	Source Conn.: P17 Target Conn.: PxC2	HDP.-	4x 021BS-38	1,556		15,56		
	Source Conn.: P21 Target Conn.: PxC2	HMX.-	7x 051SS-38					
	Source Conn.: P22 Target Conn.: PxC2	HHT.-	12x 021BS-38	1,556		46,67		
	Source Conn.: P23 Target Conn.: PxC2	HTS.-	7x 041SS-38	2,22		38,85		
	Source Conn.: P24 Target Conn.: PxC2	H1A.-	5x 261BS-30					
		H1A.1	2x 111BS-30					
	Source Conn.: P25 Target Conn.: PxC2	H2A.-	7x 111SS-38	4,2		73,50		
	Source Conn.: P26 Target Conn.: PxC2	HBH.-	4x 041SS-38	2,22		22,20		
		HCA.-	2x 031BS-38	2		10,00		
		HCH.-	1x 021SS-38	1,75		4,38		
		HCS.-	1x 031SS-38	2		5,00		
		Source Conn.: P27 Target Conn.: PxC2	HDP.-	5x 021BS-38		1,556	19,44	
	Subtotal :						440,07	
	from 121220 to CB_TBD :	Source Conn.: J05 Target Conn.: PxB2	SBC.-	12x 021BS-38		1,556	2,5	46,67
		Source Conn.: J06 Target Conn.: PxB2	SBC.-	12x 021BS-38		1,556		46,67

Source/Target Item	Source/Target Connector	Signal Type	Wiring	Sp.Weight [g/m]	Dist.	Weight [g]
from 121220 to CB_TBD :	Source Conn.: J09 Target Conn.: PxB2	SXB.-	6x 021BS-38	1,556	2,5	23,33
	Source Conn.: J10 Target Conn.: PxB2	SXB.-	6x 021BS-38	1,556		23,33
Subtotal :						140,00
from 122300 to CB_TBD :	Source Conn.: P27 Target Conn.: JxB2	SBC.-	12x 021BS-38	1,556	2,5	46,67
	Source Conn.: P28 Target Conn.: JxB2	SBC.-	12x 021BS-38	1,556		46,67
	Source Conn.: P33 Target Conn.: JxB2	SXB.-	6x 021BS-38	1,556		23,33
	Source Conn.: P34 Target Conn.: JxB2	SXB.-	6x 021BS-38	1,556		23,33
Subtotal :						140,00
from 211121 to 311200 :	Source Conn.: P15 Target Conn.: J07	HMX.-	2x 051SS-38		2,5	
Subtotal :						
Total :						1160,13

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	Raupp Helmut	ED 543			
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