

MAIN

SLOT 1
CPU

PIA			PIB			PIC		
1	+5VD MN		33	+5VD MN	P5 1AB	66	+VCORE MN	P5 1C
2	+VEEPROM MN	P5 1AB	34	+2.5VPGA MN	P5 1AB	67	+VCORE MN	P5 2C
3	DO MN	P5 2B	35	DO MN	P3 3B	68	DZ MN	P3 3C
4	D3 MN	P3 3A	36	D4 MN	P3 3B	69	D6 MN	P3 3C
5	D6 MN	P3 3A	37	D7 MN	P3 4B	70	D8 MN	P3 3C
6	D9 MN	P3 5A	38	D10 MN	P3 6B	71	D11 MN	P3 3C
7	D12 MN	P3 7A	39	D13 MN	P3 7B	72	D14 MN	P3 7C
8	D15 MN	P3 8A	40	D16 MN	P3 8B	73	D17 MN	P3 8C
9	D18 MN	P3 9A	41	D19 MN	P3 9B	74	D20 MN	P3 9C
10	D21 MN	P3 10A	42	D22 MN	P3 10B	75	D23 MN	P3 10C
11	D24 MN	P3 11A	43	D25 MN	P3 11B	76	D26 MN	P3 11C
12	D27 MN	P3 12A	44	D28 MN	P3 12B	77	D29 MN	P3 12C
13	D30 MN	P3 13A	45	D31 MN	P3 13B	78	D32 MN	P3 13C
14	A0 MN	P3 14A	46	A1 MN	P3 14B	79	A2 MN	P3 14C
15	A3 MN	P3 15A	47	A4 MN	P3 15B	80	A5 MN	P3 15C
16	A6 MN	P3 16A	48	A7 MN	P3 16B	81	A8 MN	P3 16C
17	DGND MN		49	SACK MN	P3 16B	82	DGND MN	
18	A9 MN	DGND	50	A10 MN	P3 17B	83	A11 MN	DGND
19	A12 MN	P3 18A	51	A13 MN	P3 18B	84	A12 MN	P3 18C
20	A15 MN	P3 19A	52	A16 MN	P3 19B	85	A17 MN	P3 19C
21	A18 MN	P3 20A	53	A19 MN	P3 20B	86	A20 MN	P3 20C
22	A21 MN	P3 21A	54	A22 MN	P3 21B	87	A23 MN	P3 21C
23	UCS0 MN	P3 22A	55	UCS1 MN	P3 22B	88	UCS2 MN	P3 22C
24	UCS3 MN	P3 23A	56	UCS4 MN	P3 23B	89	UCS5 MN	P3 23C
25	UCS6 MN	P3 24A	57	UCS7 MN	P3 24B	90	UCS8 MN	P3 24C
26	IROM0 MN	P5 25A	58	IROM4 MN	P3 25B	91	IROM5 MN	P3 25C
27	IROM6 MN	P3 27A	59	IROM7 MN	P3 27B	92	IROM8 MN	P3 27C
28	+15VA MN		60	ISYSRESET MN	P3 28A	93	ISYSCLK MN	P3 28C
29	AGND MN	P5 29ABC	61	AGND MN	P5 29ABC	94	AGND MN	P5 29ABC
30	+15VA MN	P5 31ABC	62	+15VA MN	P5 31ABC	95	+15VA MN	P5 31ABC
31	DGND MN		63	DGND MN		96	DGND MN	
32			32			32		

SLOT 2
PL/IF

P3A			P3B			P3C		
1	+5VD MN	P5 1AB	1	33 +5VD MN	P5 1AB	1	65 +5VD MN	P5 1AB
2	+VFF10 MN	P5 3A	2	34 +5VB061582 MN	P5 3B	2	66 +2.5VFP6A MN	P5 2B
3	D0 MN	P1 3A	3	35 D1 MN	P1 3B	3	67 D2 MN	P1 3C
4	D3 MN	P1 4A	4	36 D4 MN	P1 4B	4	68 D5 MN	P1 4C
5	D6 MN	P1 5A	5	37 D7 MN	P1 5B	5	69 D8 MN	P1 5C
6	D9 MN	P1 6A	6	38 D0 MN	P1 6B	6	70 D11 MN	P1 6C
7	D12 MN	P1 7A	7	39 D13 MN	P1 7B	7	71 D14 MN	P1 7C
8	D18 MN	P1 8A	8	40 D18 MN	P1 8B	8	72 D17 MN	P1 8C
9	D18 MN	P1 9A	9	41 D19 MN	P1 9B	9	73 D20 MN	P1 9C
10	D21 MN	P1 10A	10	42 D22 MN	P1 10B	10	74 D23 MN	P1 10C
11	D24 MN	P1 11A	11	43 D25 MN	P1 11B	11	75 D26 MN	P1 11C
12	D27 MN	P1 12A	12	44 D28 MN	P1 12B	12	76 D29 MN	P1 12C
13	D30 MN	P1 13A	13	45 D31 MN	P1 13B	13	77 WIR MN	P1 14C
14	A0 MN	P1 14A	14	46 A1 MN	P1 14B	14	78 A2 MN	P1 15C
15	A3 MN	P1 15A	15	47 A4 MN	P1 15B	15	79 A5 MN	P1 16C
16	A5 MN	P1 16A	16	48 A7 MN	P1 16B	16	80 A8 MN	P1 16C
17	DGND MN	DGND	17	49 SACK MN	P1 17B	17	81 DGND MN	DGND
18	A9 MN	P1 18A	18	50 A10 MN	P1 18B	18	82 A11 MN	P1 19C
19	A12 MN	P1 19A	19	51 A13 MN	P1 19B	19	83 A14 MN	P1 19C
20	A15 MN	P1 20A	20	52 A16 MN	P1 20B	20	84 A17 MN	P1 20C
21	A18 MN	P1 21A	21	53 A19 MN	P1 21B	21	85 A20 MN	P1 21C
22	A21 MN	P1 22A	22	54 A22 MN	P1 22B	22	86 A23 MN	P1 22C
23	CS0 MN	P1 23A	23	55 CS1 MN	P1 23B	23	87 CS2 MN	P1 23C
24	CS3 MN	P1 24A	24	56 CS4 MN	P1 24B	24	88 CS5 MN	P1 24C
25	CS6 MN	P1 25A	25	57 CS7 MN	P1 25B	25	89 CS8 MN	P1 25C
26	IR0M3 MN	P1 26A	26	58 IR0M4 MN	P1 26B	26	90 IR0M5 MN	P1 26C
27	IR0M6 MN	P1 27A	27	59 IR0M7 MN	P1 27B	27	91 SYSCLK MN	P1 27C
28	ISYSRESET MN	P1 28B	28	60 X +5VA MN	P5 29ABC	28	92 SYSCLK MN	P1 28C
29	+5VD MN	P5 29ABC	29	61 +5VA MN	AGND	29	93 +5VA MN	P5 29ABC
30	AGND MN	AGND	30	62 +5VA MN	P5 31ABC	30	94 AGND MN	AGND
31	+5VA MN	P5 31ABC	31	63 +5VA MN	DGND	31	95 +15VA MN	P5 31ABC
32	DGND MN	DGND	32	64 DGND MN	DGND	32	96 DGND MN	DGND

SLOT 3
DC/DC

PSA				PSB				P5C			
1	1	+5VD_MN	P1 1AB P3 1ABC	33	33	+5VD_MN	P2 1AC P4 1AC	65	65	+VCCORE_MN	P1 1C
2	2	+VEEPROM_MN	P1 2A	34	34	+2.5VPPGA_MN	P1 2B P3 2C	66	66	+VCCORE_MN	P1 2C
3	3	+VFIFO_MN	P3 2A	35	35	+5VBUB1582_MN	P3 2B	67	67	NC	
4	4	NC		36	36	+VFIFMEZZ_MN	P2 1B	68	68	NC	
5	5	NC		37	37	NC		69	69	NC	
6	6	NC		38	38	NC		70	70	NC	
7	7	NC		39	39	NC		71	71	NC	
8	8	NC		40	40	NC		72	72	NC	
9	9	NC		41	41	NC		73	73	NC	
10	10	NC		42	42	NC		74	74	NC	
11	11	NC		43	43	NC		75	75	NC	
12	12	NC		44	44	NC		76	76	NC	
13	13	NC		45	45	NC		77	77	NC	
14	14	NC		46	46	NC		78	78	NC	
15	15	NC		47	47	NC		79	79	NC	
16	16	NC		48	48	NC		80	80	NC	
17	17	DGND_MN	DGND	49	49	NC		81	81	DGND_MN	DGND
18	18	NC		50	50	NC		82	82	NC	
19	19	NC		51	51	NC		83	83	NC	
20	20	NC		52	52	NC		84	84	NC	
21	21	NC		53	53	NC		85	85	NC	
22	22	NC		54	54	NC		86	86	NC	
23	23	NC		55	55	NC		87	87	NC	
24	24	NC		56	56	NC		88	88	NC	
25	25	NC		57	57	NC		89	89	NC	
26	26	NC		58	58	NC		90	90	NC	
27	27	NC		59	59	NC		91	91	NC	
28	28	NC		60	60	NC		92	92	NC	
29	29	+15VA_MN	P1,P3 29ABC	61	61	+15VA_MN	P1,P3 29ABC	93	93	+15VA_MN	P1,P3 29ABC
30	30	AGND_MN	AGND	62	62	AGND_MN	AGND	94	94	AGND_MN	AGND
31	31	+15VA_MN	P1,P3 31ABC	63	63	+15VA_MN	P1,P3 31ABC	95	95	+15VA_MN	P1,P3 31ABC
32	32	DGND_MN	DGND	64	64	DGND_MN	DGND	96	96	DGND_MN	DGND

P2A	P2B	P2C
1	33	65
2	34	66
3	35	67
4	36	68
5	37	69
6	38	70
7	39	71
8	40	72
9	41	73
10	42	74
11	43	75
12	44	76
13	45	77
14	46	78
15	47	79
16	48	80
17	49	81
18	50	82
19	51	83
20	52	84
21	53	85
22	54	86
23	55	87
24	56	88
25	57	89
26	58	90
27	59	91
28	60	92
29	61	93
30	62	94
31	63	95
32	64	96

P4A

Pin	Function
1	+5VD MN
2	FCCK0+ MN
3	FCCK0- MN
4	FCCK1+ MN
5	FCCK1- MN
6	FCCK2+ MN
7	FCCK2- MN
8	FCCK3+ MN
9	FCCK3- MN
10	INCUR MNT1 MN
11	RTN MNT10 MN
12	+5V MNT1 MN
13	RTN MNT15 MN
14	AINP6 MN
15	RTN MNT16 MN
16	RTAD0+ MN
17	RTAD1+ MN
18	CK0+ MN
19	CK0- MN
20	CK1+ MN
21	CK2+ MN
22	CK2- MN
23	CK3+ MN
24	CK3- MN
25	CK4+ MN
26	CK4- MN
27	CK5+ MN
28	CK5- MN
29	CK6+ MN
30	CK6- MN
31	LGND MN
32	DGND

P4B

Pin	Function
33	NC
34	FGATE0+ MN
35	FGATE0- MN
36	FGATE1+ MN
37	FGATE1- MN
38	FGATE2+ MN
39	FGATE2- MN
40	FGATE3+ MN
41	FGATE3- MN
42	+5V MNT1 MN
43	RTN MNT1 MN
44	+15VP MNT1 MN
45	RTN MNT4 MN
46	NC
47	AGND MN
48	AGND
49	RTAD2+ MN
50	RTAD3+ MN
51	TX0+ MN
52	TX0- MN
53	TX1+ MN
54	TX1- MN
55	TX2+ MN
56	TX2- MN
57	TX3+ MN
58	TX3- MN
59	TX4+ MN
60	TX4- MN
61	TX5+ MN
62	TX5- MN
63	TX6+ MN
64	DGND MN
65	DGND

P4C

Pin	Function
66	+5VD MN
67	FDATA0+ MN
68	FDATA0- MN
69	FDATA1+ MN
70	FDATA1- MN
71	FDATA2+ MN
72	FDATA2- MN
73	FDATA3+ MN
74	FDATA3- MN
75	RTN MNT2 MN
76	AINP5 MN
77	RTN MNT5 MN
78	NC
79	AGND MN
80	AGND
81	RTAD4+ MN
82	RTADP+ MN
83	LRX0+ MN
84	LRX1+ MN
85	LRX2+ MN
86	LRX2- MN
87	NC
88	NC
89	NC
90	SCTX/RXA+ MN
91	SCTX/RXA- MN
92	SCTX/RXB+ MN
93	SCTX/RXB- MN
94	ISCLPAG MN
95	FLAG1 MN
96	DGND MN
97	DGND

P6A

1	NC	
2	NC	
3	NC	
4	NC	
5	NC	
6	NC	
7	NC	
8	NC	
9	NC	
10	INCUR_MINT_MN	P4 10A
11	RTN_MINT0_MN	P4 11A
12	+5V_MINT_MN	P4 12A
13	RTN_MINT3_MN	P4 13A
14	AINP6_MN	P4 14A
15	RTN_MINT5_MN	P4 15A
16	NC	
17	NC	
18	NC	
19	NC	
20	NC	
21	NC	
22	NC	
23	NC	
24	NC	
25	NC	
26	NC	
27	NC	
28	NC	
29	NC	
30	NC	
31	NC	
32	NC	

P6B

1	NC	
2	NC	
3	NC	
4	NC	
5	NC	
6	NC	
7	NC	
8	NC	
9	NC	
10	+5V_MINT_MN	P4 10B
11	RTN_MINT1_MN	P4 11B
12	+15V_MINT_MN	P4 12B
13	RTN_MINT4_MN	P4 13B
14	NC	
15	AGND_MN	AGND
16	NC	
17	NC	
18	NC	
19	NC	
20	NC	
21	NC	
22	NC	
23	NC	
24	NC	
25	NC	
26	NC	
27	NC	
28	NC	
29	NC	
30	NC	
31	NC	
32	NC	

P6C

1	NC	
2	NC	
3	NC	
4	NC	
5	NC	
6	NC	
7	NC	
8	NC	
9	+15V_MINT_MN	P4 10C
10	RTN_MINT2_MN	P4 11C
11	AINP5_MN	P4 12C
12	RTN_MINT5_MN	P4 13C
13	NC	
14	AGND_MN	AGND
15	NC	
16	NC	
17	NC	
18	NC	
19	NC	
20	NC	
21	NC	
22	NC	
23	NC	
24	NC	
25	NC	
26	NC	
27	NC	
28	NC	
29	NC	
30	NC	
31	NC	
32	NC	

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REV.	DATE	DRAWN	CHECK	ENG.	PLASS	C. JC.	CHANGE/AUTHORITY
CUSTOMER				EFFECTIVITY		CARLO GAVAZZI SPACE	
DRAWING TITLE HSO/FIRST-DPU MOTHERBOARD Electrical Drawing						SCALE	GEN. TOL.
							GEN. RA
HIGHER ASSEMBLY DPU-EM-410.000						DRAWING NUMBER DPU-EM-410.020	
						SHEET OF	1 3