

FMC LPC				
Column/row	C	D	G	H
1	GND	PG_C2M	GND	VREF_A_M2C
2	DP0_C2M_P	GND	CLK1_M2C_P	PRSNT_M2C_L
3	DP0_C2M_N	GND	CLK1_M2C_N	GND
4	GND	GBTCLK0_M2C_P	GND	CLK0_M2C_P
5	GND	GBTCLK0_M2C_N	GND	CLK0_M2C_N
6	DP0_M2C_P	GND	LA00_P_CC	GND
7	DP0_M2C_N	GND	LA00_N_CC	LA02_P
8	GND	LA01_P_CC	GND	LA02_N
9	GND	LA01_N_CC	LA03_P	GND
10	LA06_P	GND	LA03_N	LA04_P
11	LA06_N	LA05_P	GND	LA04_N
12	GND	LA05_N	LA08_P	GND
13	GND	GND	LA08_N	LA07_P
14	LA10_P	LA09_P	GND	LA07_N
15	LA10_N	LA09_N	LA12_P	GND
16	GND	GND	LA12_N	LA11_P
17	GND	LA13_P	GND	LA11_N
18	LA14_P	LA13_N	LA16_P	GND
19	LA14_N	GND	LA16_N	LA15_P
20	GND	LA17_P_CC	GND	LA15_N
21	GND	LA17_N_CC	LA20_P	GND
22	LA18_P_CC	GND	LA20_N	LA19_P
23	LA18_N_CC	LA23_P	GND	LA19_N
24	GND	LA23_N	LA22_P	GND
25	GND	GND	LA22_N	LA21_P
26	LA27_P	LA26_P	GND	LA21_N
27	LA27_N	LA26_N	LA25_P	GND
28	GND	GND	LA25_N	LA24_P
29	GND	TCK	GND	LA24_N
30	SCL	TDI	LA29_P	GND
31	SDA	TDO	LA29_N	LA28_P
32	GND	3P3VAUX	GND	LA28_N
33	GND	TMS	LA31_P	GND
34	GA0	TRST_L	LA31_N	LA30_P
35	12P0V	GA1	GND	LA30_N
36	GND	3P3V	LA33_P	GND
37	12P0V	GND	LA33_N	LA32_P
38	GND	3P3V	GND	LA32_N
39	3P3V	GND	VADJ	GND
40	GND	3P3V	GND	VADJ

FMC HPC											
Column	row	A	B	C	D	E	F	G	H	J	K
1		GND	CLK_DIR	GND	PG_C2M	GND	PG_M2C	GND	VREF_A_M2C	GND	VREF_B_M2C
2		DP1_M2C_P	GND	DP0_C2M_P	GND	HA01_P_CC	GND	CLK1_M2C_P	PRSNT_M2C_L	CLK3_BIDIR_P	GND
3		DP1_M2C_N	GND	DP0_C2M_N	GND	HA01_N_CC	GND	CLK1_M2C_N	GND	CLK3_BIDIR_N	GND
4		GND	DP9_M2C_P	GND	GBTCLK0_M2C_P	GND	HA00_P_CC	GND	CLK0_M2C_P	GND	CLK2_BIDIR_P
5		GND	DP9_M2C_N	GND	GBTCLK0_M2C_N	GND	HA00_N_CC	GND	CLK0_M2C_N	GND	CLK2_BIDIR_N
6		DP2_M2C_P	GND	DP0_M2C_P	GND	HA05_P	GND	LA00_P_CC	GND	HA03_P	GND
7		DP2_M2C_N	GND	DP0_M2C_N	GND	HA05_N	HA04_P	LA00_N_CC	LA02_P	HA03_N	HA02_P
8		GND	DP8_M2C_P	GND	LA01_P_CC	GND	HA04_N	GND	LA02_N	GND	HA02_N
9		GND	DP8_M2C_N	GND	LA01_N_CC	HA09_P	GND	LA03_P	GND	HA07_P	GND
10		DP3_M2C_P	GND	LA06_P	GND	HA09_N	HA08_P	LA03_N	LA04_P	HA07_N	HA06_P
11		DP3_M2C_N	GND	LA06_N	LA05_P	GND	HA08_N	GND	LA04_N	GND	HA06_N
12		GND	DP7_M2C_P	GND	LA05_N	HA13_P	GND	LA08_P	GND	HA11_P	GND
13		GND	DP7_M2C_N	GND	GND	HA13_N	HA12_P	LA08_N	LA07_P	HA11_N	HA10_P
14		DP4_M2C_P	GND	LA10_P	LA09_P	GND	HA12_N	GND	LA07_N	GND	HA10_N
15		DP4_M2C_N	GND	LA10_N	LA09_N	HA16_P	GND	LA12_P	GND	HA14_P	GND
16		GND	DP6_M2C_P	GND	GND	HA16_N	HA15_P	LA12_N	LA11_P	HA14_N	HA17_P_CC
17		GND	DP6_M2C_N	GND	LA13_P	GND	HA15_N	GND	LA11_N	GND	HA17_N_CC
18		DP5_M2C_P	GND	LA14_P	LA13_N	HA20_P	GND	LA16_P	GND	HA18_P	GND
19		DP5_M2C_N	GND	LA14_N	GND	HA20_N	HA19_P	LA16_N	LA15_P	HA18_N	HA21_P
20		GND	GBTCLK1_M2C_P	GND	LA17_P_CC	GND	HA19_N	GND	LA15_N	GND	HA21_N
21		GND	GBTCLK1_M2C_N	GND	LA17_N_CC	HB03_P	GND	LA20_P	GND	HA22_P	GND
22		DP1_C2M_P	GND	LA18_P_CC	GND	HB03_N	HB02_P	LA20_N	LA19_P	HA22_N	HA23_P
23		DP1_C2M_N	GND	LA18_N_CC	LA23_P	GND	HB02_N	GND	LA19_N	GND	HA23_N
24		GND	DP9_C2M_P	GND	LA23_N	HB05_P	GND	LA22_P	GND	HB01_P	GND
25		GND	DP9_C2M_N	GND	GND	HB05_N	HB04_P	LA22_N	LA21_P	HB01_N	HB00_P_CC
26		DP2_C2M_P	GND	LA27_P	LA26_P	GND	HB04_N	GND	LA21_N	GND	HB00_N_CC
27		DP2_C2M_N	GND	LA27_N	LA26_N	HB09_P	GND	LA25_P	GND	HB07_P	GND
28		GND	DP8_C2M_P	GND	GND	HB09_N	HB08_P	LA25_N	LA24_P	HB07_N	HB06_P_CC
29		GND	DP8_C2M_N	GND	TCK	GND	HB08_N	GND	LA24_N	GND	HB06_N_CC
30		DP3_C2M_P	GND	SCL	TDI	HB13_P	GND	LA29_P	GND	HB11_P	GND
31		DP3_C2M_N	GND	SDA	TDO	HB13_N	HB12_P	LA29_N	LA28_P	HB11_N	HB10_P
32		GND	DP7_C2M_P	GND	3P3VAUX	GND	HB12_N	GND	LA28_N	GND	HB10_N
33		GND	DP7_C2M_N	GND	TMS	HB19_P	GND	LA31_P	GND	HB15_P	GND
34		DP4_C2M_P	GND	GA0	TRST_L	HB19_N	HB16_P	LA31_N	LA30_P	HB15_N	HB14_P
35		DP4_C2M_N	GND	12P0V	GA1	GND	HB16_N	GND	LA30_N	GND	HB14_N
36		GND	DP6_C2M_P	GND	3P3V	HB21_P	GND	LA33_P	GND	HB18_P	GND
37		GND	DP6_C2M_N	12P0V	GND	HB21_N	HB20_P	LA33_N	LA32_P	HB18_N	HB17_P_CC
38		DP5_C2M_P	GND	GND	3P3V	GND	HB20_N	GND	LA32_N	GND	HB17_N_CC
39		DP5_C2M_N	GND	3P3V	GND	VADJ	GND	VADJ	GND	VIO_B_M2C	GND
40		GND	RES0	GND	3P3V	GND	VADJ	GND	VADJ	GND	VIO_B_M2C

FMC+ (HPSC)															
Column	row	A	B	C	D	E	F	G	H	J	K	L	M	Y	Z
1		GND	CLK_DIR	GND	PG_C2M	GND	PG_M2C	GND	VREF_A_M2C	GND	VREF_B_M2C	RES1	GND	GND	HSPC_PRSNT_M2C_L
2		DP1_M2C_P	GND	DP0_C2M_P	GND	HA01_P_CC	GND	CLK1_M2C_P	PRSNT_M2C_L	CLK3_BIDIR_P	GND	GND	DP23_M2C_P	DP23_C2M_P	GND
3		DP1_M2C_N	GND	DP0_C2M_N	GND	HA01_N_CC	GND	CLK1_M2C_N	GND	CLK3_BIDIR_N	GND	GND	DP23_M2C_N	DP23_C2M_N	GND
4		GND	DP9_M2C_P	GND	GBTCLK0_M2C_P	GND	HA00_P_CC	GND	CLK0_M2C_P	GND	CLK2_BIDIR_P	GBTCLK4_M2C_P	GND	GND	DP22_C2M_P
5		GND	DP9_M2C_N	GND	GBTCLK0_M2C_N	GND	HA00_N_CC	GND	CLK0_M2C_N	GND	CLK2_BIDIR_N	GBTCLK4_M2C_N	GND	GND	DP22_C2M_N
6		DP2_M2C_P	GND	DP0_M2C_P	GND	HA05_P	GND	LA00_P_CC	GND	HA03_P	GND	GND	DP22_M2C_P	DP21_C2M_P	GND
7		DP2_M2C_N	GND	DP0_M2C_N	GND	HA05_N	HA04_P	LA00_N_CC	LA02_P	HA03_N	HA02_P	GND	DP22_M2C_N	DP21_C2M_N	GND
8		GND	DP8_M2C_P	GND	LA01_P_CC	GND	HA04_N	GND	LA02_N	GND	HA02_N	GBTCLK3_M2C_P	GND	GND	DP20_C2M_P
9		GND	DP8_M2C_N	GND	LA01_N_CC	HA09_P	GND	LA03_P	GND	HA07_P	GND	GBTCLK3_M2C_N	GND	GND	DP20_C2M_N
10		DP3_M2C_P	GND	LA06_P	GND	HA09_N	HA08_P	LA03_N	LA04_P	HA07_N	HA06_P	GND	DP21_M2C_P	DP10_M2C_P	GND
11		DP3_M2C_N	GND	LA06_N	LA05_P	GND	HA08_N	GND	LA04_N	GND	HA06_N	GND	DP21_M2C_N	DP10_M2C_N	GND
12		GND	DP7_M2C_P	GND	LA05_N	HA13_P	GND	LA08_P	GND	HA11_P	GND	GBTCLK2_M2C_P	GND	GND	DP11_M2C_P
13		GND	DP7_M2C_N	GND	GND	HA13_N	HA12_P	LA08_N	LA07_P	HA11_N	HA10_P	GBTCLK2_M2C_N	GND	GND	DP11_M2C_N
14		DP4_M2C_P	GND	LA10_P	LA09_P	GND	HA12_N	GND	LA07_N	GND	HA10_N	GND	DP20_M2C_P	DP12_M2C_P	GND
15		DP4_M2C_N	GND	LA10_N	LA09_N	HA16_P	GND	LA12_P	GND	HA14_P	GND	GND	DP20_M2C_N	DP12_M2C_N	GND
16		GND	DP6_M2C_P	GND	GND	HA16_N	HA15_P	LA12_N	LA11_P	HA14_N	HA17_P_CC	SYNC_C2M_P	GND	GND	DP13_M2C_P
17		GND	DP6_M2C_N	GND	LA13_P	GND	HA15_N	GND	LA11_N	GND	HA17_N_CC	SYNC_C2M_N	GND	GND	DP13_M2C_N
18		DP5_M2C_P	GND	LA14_P	LA13_N	HA20_P	GND	LA16_P	GND	HA18_P	GND	GND	DP14_C2M_P	DP14_M2C_P	GND
19		DP5_M2C_N	GND	LA14_N	GND	HA20_N	HA19_P	LA16_N	LA15_P	HA18_N	HA21_P	GND	DP14_C2M_N	DP14_M2C_N	GND
20		GND	GBTCLK1_M2C_P	GND	LA17_P_CC	GND	HA19_N	GND	LA15_N	GND	HA21_N	REFCLK_C2M_P	GND	GND	GBTCLK5_M2C_P
21		GND	GBTCLK1_M2C_N	GND	LA17_N_CC	HB03_P	GND	LA20_P	GND	HA22_P	GND	REFCLK_C2M_N	GND	GND	GBTCLK5_M2C_N
22		DP1_C2M_P	GND	LA18_P_CC	GND	HB03_N	HB02_P	LA20_N	LA19_P	HA22_N	HA23_P	GND	DP15_C2M_P	DP15_M2C_P	GND
23		DP1_C2M_N	GND	LA18_N_CC	LA23_P	GND	HB02_N	GND	LA19_N	GND	HA23_N	GND	DP15_C2M_N	DP15_M2C_N	GND
24		GND	DP9_C2M_P	GND	LA23_N	HB05_P	GND	LA22_P	GND	HB01_P	GND	REFCLK_M2C_P	GND	GND	DP10_C2M_P
25		GND	DP9_C2M_N	GND	GND	HB05_N	HB04_P	LA22_N	LA21_P	HB01_N	HB00_P_CC	REFCLK_M2C_N	GND	GND	DP10_C2M_N
26		DP2_C2M_P	GND	LA27_P	LA26_P	GND	HB04_N	GND	LA21_N	GND	HB00_N_CC	GND	DP16_C2M_P	DP11_M2C_P	GND
27		DP2_C2M_N	GND	LA27_N	LA26_N	HB09_P	GND	LA25_P	GND	HB07_P	GND	GND	DP16_C2M_N	DP11_M2C_N	GND
28		GND	DP8_C2M_P	GND	GND	HB09_N	HB08_P	LA25_N	LA24_P	HB07_N	HB06_P_CC	SYNC_M2C_P	GND	GND	DP12_C2M_P
29		GND	DP8_C2M_N	GND	TCK	GND	HB08_N	GND	LA24_N	GND	HB06_N_CC	SYNC_M2C_N	GND	GND	DP12_C2M_N
30		DP3_C2M_P	GND	SCL	TDI	HB13_P	GND	LA29_P	GND	HB11_P	GND	GND	DP17_C2M_P	DP13_M2C_P	GND
31		DP3_C2M_N	GND	SDA	TDO	HB13_N	HB12_P	LA29_N	LA28_P	HB11_N	HB10_P	GND	DP17_C2M_N	DP13_M2C_N	GND
32		GND	DP7_C2M_P	GND	3P3VAUX	GND	HB12_N	GND	LA28_N	GND	HB10_N	RES2	GND	GND	DP16_M2C_P
33		GND	DP7_C2M_N	GND	TMS	HB19_P	GND	LA31_P	GND	HB15_P	GND	RES3	GND	GND	DP16_M2C_N
34		DP4_C2M_P	GND	GA0	TRST_L	HB19_N	HB16_P	LA31_N	LA30_P	HB15_N	HB14_P	GND	DP18_C2M_P	DP17_M2C_P	GND
35		DP4_C2M_N	GND	12P0V	GA1	GND	HB16_N	GND	LA30_N	GND	HB14_N	GND	DP18_C2M_N	DP17_M2C_N	GND
36		GND	DP6_C2M_P	GND	3P3V	HB21_P	GND	LA33_P	GND	HB18_P	GND	12P0V	GND	GND	DP18_M2C_P
37		GND	DP6_C2M_N	12P0V	GND	HB21_N	HB20_P	LA33_N	LA32_P	HB18_N	HB17_P_CC	12P0V	GND	GND	DP18_M2C_N
38		DP5_C2M_P	GND	GND	3P3V	GND	HB20_N	GND	LA32_N	GND	HB17_N_CC	GND	DP19_C2M_P	DP19_M2C_P	GND
39		DP5_C2M_N	GND	3P3V	GND	VADJ	GND	VADJ	GND	VIO_B_M2C	GND	GND	DP19_C2M_N	DP19_M2C_N	GND
40		GND	RES0	GND	3P3V	GND	VADJ	GND	VADJ	GND	VIO_B_M2C	12P0V	GND	GND	3P3V

FMC+ (HPSCe)				
Column\row	A	B	C	D
1	GND	GBTCLK1_M2C_P	GND	HSPCE_PRSNT_M2C_L
2	GND	GBTCLK1_M2C_N	GND	RES6
3	DP24_C2M_P	GND	DP24_M2C_P	GND
4	DP24_C2M_N	GND	DP24_M2C_N	GND
5	GND	DP25_C2M_P	GND	DP25_M2C_P
6	GND	DP25_C2M_N	GND	DP25_M2C_N
7	DP26_C2M_P	GND	DP26_M2C_P	GND
8	DP26_C2M_N	GND	DP26_M2C_N	GND
9	GND	DP27_C2M_P	GND	DP27_M2C_P
10	GND	DP27_C2M_N	GND	DP27_M2C_N
11	DP28_C2M_P	GND	DP28_M2C_P	GND
12	DP28_C2M_N	GND	DP28_M2C_N	GND
13	GND	DP29_C2M_P	GND	DP29_M2C_P
14	GND	DP29_C2M_N	GND	DP29_M2C_N
15	DP30_C2M_P	GND	DP30_M2C_P	GND
16	DP30_C2M_N	GND	DP30_M2C_N	GND
17	GND	DP31_C2M_P	GND	DP31_M2C_P
18	GND	DP31_C2M_N	GND	DP31_M2C_N
19	RES4	GND	GBTCLK7_M2C_P	GND
20	RES5	GND	GBTCLK7_M2C_N	GND