Zedboard FPGA package pin to FMC pin chart

FMC Pin Number	FMC Signal Name	FPGA Signal Name	FPGA package number
C1	Ground	Ground	Ground
C2	DP0-C2M_P	Not Connected	Not Connected
C3	DP0-C2M_N	Not Connected	Not Connected
C4	Ground	Ground	Ground
C5	Ground	Ground	Ground
C6	DP0-M2C_P	Not Connected	Not Connected
C7	DP0-M2C_N	Not Connected	Not Connected
C8	Ground	Ground	Ground
C9	Ground	Ground	Ground
C10	LA06_P	FMC_LA06_P	L21
C11	LA06_N	FMC_LA06_N	L22
C12	Ground	Ground	Ground
C13	Ground	Ground	Ground
C14	LA10_P	FMC_LA10_P	R19
C15	LA10_N	FMC_LA10_N	T19
C16	Ground	Ground	Ground
C17	Ground	Ground	Ground
C18	LA14_P	FMC_LA14_P	K19
C19	LA14_N	FMC_LA14_N	K20
C20	Ground	Ground	Ground
C21	Ground	Ground	Ground
C22	LA18_P_CC	FMC_LA18_CC_P	D20
C23	LA18_N_CC	FMC_LA18_CC_N	C20
C24	Ground	Ground	Ground
C25	Ground	Ground	Ground
C26	LA27_P	FMC_LA27_P	E21
C27	LA27_N	FMC_LA27_N	D21
C28	Ground	Ground	Ground
C29	Ground	Ground	Ground
C30	SCL	FMC-SCL	R7
C31	SDA	FMC-SDA	U7
C32	Ground	Ground	Ground
C33	Ground	Ground	Ground
C34	GA0	Not Connected	Not Connected
C35	12V0	VCC12V0	VCC12V0
C36	Ground	Ground	Ground
C37	12V0	VCC12V0	VCC12V0
C38	Ground	Ground	Ground
C39	3V3	VCC3V3	VCC3V3
C40	Ground	Ground	Ground

FMC Pin Number	FMC Signal Name	FPGA Signal Name	FPGA package number
D1	PG_C2M	PS-POR-B	B5
D2	Ground	Ground	Ground
D3	Ground	Ground	Ground
D4	GBTCLK0-M2C_P	Not Connected	Not Connected
D5	GBTCLK0-M2C_N	Not Connected	Not Connected
D6	Ground	Ground	Ground
D7	Ground	Ground	Ground
D8	LA01_P_CC	FMC_LA01_CC_P	N19
D9	LA01_N_CC	FMC_LA01_CC_N	N20
D10	Ground	Ground	Ground
D11	LA05_P	FMC_LA05_P	J18
D12	LA05_N	FMC_LA05_N	K18
D13	Ground	Ground	Ground
D14	LA09_P	FMC_LA09_P	R20
D15	LA09_N	FMC_LA09_N	R21
D16	Ground	Ground	Ground
D17	LA13_P	FMC_LA13_P	L17
D18	LA13_N	FMC_LA13_N	M17
D19	Ground	Ground	Ground
D20	LA17_P_CC	FMC_LA17_CC_P	B19
D21	LA17_N_CC	FMC_LA17_CC_N	B20
D22	Ground	Ground	Ground
D23	LA23_P	FMC_LA23_P	E15
D24	LA23_N	FMC_LA23_N	D15
D25	Ground	Ground	Ground
D26	LA26_P	FMC_LA26_P	F18
D27	LA26_N	FMC_LA26_N	E18
D28	Ground	Ground	Ground
D29	TCK	FMC_TCK	FPGA_TCK
D30	TDI	FMC_TDI	FPGA_TDI
D31	TDO	FMC_TDO	FPGA_TDO
D32	3V3AUX	VCC3V3	VCC3V3
D33	TMS	FMC_TMS	FPGA_TMS
D34	TRST_L	Not Connected	Not Connected
D35	GA1	Ground	Ground
D36	3V3	VCC3V3	VCC3V3
D37	Ground	Ground	Ground
D38	3V3	VCC3V3	VCC3V3
D39	Ground	Ground	Ground
D40	3V3	VCC3V3	VCC3V3

FMC Pin Number	FMC Signal Name	FPGA Signal Name	FPGA package number
G1	Ground	Ground	Ground
G2	CLK1-M2C_P	FMC_CLK1_P	D18
G3	CLK1-M2C_N	FMC_CLK1_N	C19
G4	Ground	Ground	Ground
G5	Ground	Ground	Ground
G6	LA00_P_CC	FMC_LA00_CC_P	M19
G7	LA00_N_CC	FMC_LA00_CC_N	M20
G8	Ground	Ground	Ground
G9	LA03_P	FMC_LA03_P	N22
G10	LA03_N	FMC_LA03_N	P22
G11	Ground	Ground	Ground
G12	LA08_P	FMC_LA08_P	J21
G13	LA08_N	FMC_LA08_N	J22
G14	Ground	Ground	Ground
G15	LA12_P	FMC_LA12_P	P20
G16	LA12_N	FMC_LA12_N	P21
G17	Ground	Ground	Ground
G18	LA16_P	FMC_LA16_P	J20
G19	LA16_N	FMC_LA16_N	K21
G20	Ground	Ground	Ground
G21	LA20_P	FMC_LA20_P	G20
G22	LA20_N	FMC_LA20_N	G21
G23	Ground	Ground	Ground
G24	LA22_P	FMC_LA22_P	G19
G25	LA22_N	FMC_LA22_N	F19
G26	Ground	Ground	Ground
G27	LA25_P	FMC_LA25_P	D22
G28	LA25_N	FMC_LA25_N	C22
G29	Ground	Ground	Ground
G30	LA29_P	FMC_LA29_P	C17
G31	LA29_N	FMC_LA29_N	C18
G32	Ground	Ground	Ground
G33	LA31_P	FMC_LA31_P	B16
G34	LA31_N	FMC_LA31_N	B17
G35	Ground	Ground	Ground
G36	LA33_P	FMC_LA33_P	B21
G37	LA33_N	FMC_LA33_N	B22
G38	Ground	Ground	Ground
G39	VADJ_3	VADJ	VADJ
G40	Ground	Ground	Ground

FMC Pin Number	FMC Signal Name	FPGA Signal Name	FPGA package number
H1	VREF-A-M2C	FMC_VREF	VADJ
H2	PRSNT-M2C_L	FMC-PRSNT	AB14
H3	Ground	Ground	Ground
H4	CLK0-M2C_P	FMC_CLK0_P	L18
H5	CLK0-M2C_N	FMC_CLK0_N	L19
H6	Ground	Ground	Ground
H7	LA02_P	FMC_LA02_P	P17
H8	LA02_N	FMC_LA02_N	P18
H9	Ground	Ground	Ground
H10	LA04_P	FMC_LA04_P	M21
H11	LA04_N	FMC_LA04_N	M22
H12	Ground	Ground	Ground
H13	LA07_P	FMC_LA07_P	T16
H14	LA07_N	FMC_LA07_N	T17
H15	Ground	Ground	Ground
H16	LA11_P	FMC_LA11_P	N17
H17	LA11_N	FMC_LA11_N	N18
H18	Ground	Ground	Ground
H19	LA15_P	FMC_LA15_P	J16
H20	LA15_N	FMC_LA15_N	J17
H21	Ground	Ground	Ground
H22	LA19_P	FMC_LA19_P	G15
H23	LA19_N	FMC_LA19_N	G16
H24	Ground	Ground	Ground
H25	LA21_P	FMC_LA21_P	E19
H26	LA21_N	FMC_LA21_N	E20
H27	Ground	Ground	Ground
H28	LA24_P	FMC_LA24_P	A18
H29	LA24_N	FMC_LA24_N	A19
H30	Ground	Ground	Ground
H31	LA28_P	FMC_LA28_P	A16
H32	LA28_N	FMC_LA28_N	A17
H33	Ground	Ground	Ground
H34	LA30_P	FMC_LA30_P	C15
H35	LA30_N	FMC_LA30_N	B15
H36	Ground	Ground	Ground
H37	LA32_P	FMC_LA32_P	A21
H38	LA32_N	FMC_LA32_N	A22
H39	Ground	Ground	Ground
H40	VADJ_4	VADJ	VADJ