Function	Schematic Name	FMC Pin	FMC Net Name	PolarFire Pin	PolarFire Pin Name
LVDS UART	TX1_P	A22	HPC_SERDES_1_TX1_P	P33	XCVR_1_TX1_P
	TX1_N	A23	HPC_SERDES_1_TX1_N	P34	XCVR_1_TX1_N
	RX1_P	A2	HPC_SERDES_1_RX1_P	P29	XCVR_1_RX1_P
	RX1_N	A3	HPC_SERDES_1_RX1_N	P30	XCVR_1_RX1_N
	TX2_P	A26	HPC_SERDES_1_TX2_P	T33	XCVR_1_TX2_P
	TX2_N	A27	HPC_SERDES_1_TX2_N	T34	XCVR_1_TX2_N
	RX2_P	A6	HPC_SERDES_1_RX2_P	R31	XCVR_1_RX2_P
	RX2_N	A7	HPC_SERDES_1_RX2_N	R32	XCVR_1_RX2_N
	TX3_P	A30	HPC_SERDES_1_TX3_P	U31	XCVR_1_TX3_P
	TX3_N	A31	HPC_SERDES_1_TX3_N	U32	XCVR_1_TX3_N
	RX3_P	A10	HPC_SERDES_1_RX3_P	T29	XCVR_1_RX3_P
	RX3_N	A11	HPC_SERDES_1_RX3_N	T30	XCVR_1_RX3_N
	TX4_P	A34	HPC_SERDES_3_TX0_P	F33	XCVR_3_TX0_P
	TX4_N	A35	HPC_SERDES_3_TX0_N	F34	XCVR_3_TX0_N
	RX4_P	A14	HPC_SERDES_3_RX0_P	G31	XCVR_3_RX0_P
	RX4_N	A15	HPC_SERDES_3_RX0_N	G32	XCVR_3_RX0_N
	TX5_P	A38	HPC_SERDES_3_TX1_P	H33	XCVR_3_TX1_P
	TX5_N	A39	HPC_SERDES_3_TX1_N	H34	XCVR_3_TX1_N
	RX5_P	A18	HPC_SERDES_3_RX1_P	J31	XCVR_3_RX1_P
	RX5_N	A19	HPC_SERDES_3_RX1_N	J32	XCVR_3_RX1_N
	TX6_P	B32	HPC_SERDES_3_TX3_P	M33	XCVR_3_TX3_P
	TX6_N	B33	HPC_SERDES_3_TX3_N	M34	XCVR_3_TX3_N
	RX6_P	B12	HPC_SERDES_3_RX3_P	L31	XCVR_3_RX3_P
	RX6_N	B13	HPC_SERDES_3_RX3_N	L32	XCVR_3_RX3_N
	TX7_P	B36	HPC_SERDES_3_TX2_P	K33	XCVR_3_TX2_P
	TX7_N	B37	HPC_SERDES_3_TX2_N	K34	XCVR_3_TX2_N
	RX7_P	B16	HPC_SERDES_3_RX2_P	K29	XCVR_3_RX2_P
	RX7_N	B17	HPC_SERDES_3_RX2_N	K30	XCVR_3_RX2_N
	TX8_P	C2	HPC_SERDES_1_TX0_P	N31	XCVR_1_TX0_P
	TX8_N	C3	HPC_SERDES_1_TX0_N	N32	XCVR_1_TX0_N
	RX8_P	C6	HPC_SERDES_1_RX0_P	M29	XCVR_1_RX0_P
	RX8_N	C7	HPC_SERDES_1_RX0_N	M30	XCVR_1_RX0_N
	TX9_P	C18	HPC_LA14_P_B2	F13	GPIO22PB2
	TX9_N	C19	HPC_LA14_N_B2	E13	GPIO22NB2
	RX9_P	C10	HPC_LA06_P_B2	G15	GPIO5PB2
	RX9_N	C11	HPC_LA06_N_B2	G16	GPIO5NB2
	TX10_P	C22	HPC_LA18_CC_P_B2	G5	GPIO11PB2/CLKIN_S_7
	TX10_N	C23	HPC_LA18_CC_N_B2	F5	GPIO11NB2
	RX10_P	C14	HPC_LA10_P_B2	J16	GPIO31PB2
	RX10_N	C15	HPC_LA10_N_B2	K16	GPIO31NB2
I2C	SCL	C26	HPC_LA27_P_B2	E6	GPIO13PB2
	SDA	C27	HPC_LA27_N_B2	D6	GPIO13NB2
SPI	SCLK	D8	HPC_LA01_CC_P_B2	G9	GPIO6PB2/CLKIN_S_4
	MOSI	D9	HPC_LA01_CC_N_B2	F9	GPIO6NB2
	MISO	D11	HPC_LA05_P_B2	F14	GPIO19PB2
	SS1	D12	HPC_LA05_N_B2	F15	GPIO19NB2
	SS2	D14	HPC_LA09_P_B2	L17	GPIO30PB2
	SS3	D15	HPC_LA09_N_B2	M17	GPIO30NB2
	SS4	D17	HPC_LA13_P_B2	H14	GPIO3PB2
	SS5	D18	HPC_LA13_N_B2	G14	GPIO3NB2
UART	RX_A	D20	HPC_LA17_CC_P_B2	F8	GPIO9PB2/CLKIN_S_6
	TX_A	D21	HPC_LA17_CC_N_B2	F7	GPIO9NB2
	RX_B	D23	HPC_LA23_P_B2	C7	GPIO12PB2
	TX_B	D24	HPC_LA23_N_B2	B7	GPIO12NB2
	RX_C	D26	HPC_LA26_P_B2	G12	GPIO18PB2
	TX_C	D27	HPC_LA26_N_B2	G11	GPIO18NB2
LCD	RST	E2	HPC_HA01_CC_P_B4	V3	GPIO208PB4
	RS	E3	HPC_HA01_CC_N_B4	V4	GPIO208NB4
	LCD_SW_1	E36	HPC_HB21_P_B5	M6	GPIO234PB5
	LCD_SW_2	E37	HPC_HB21_N_B5	M5	GPIO234NB5
GPIO	GPIO_1	E6	HPC_HA05_P_B4	AB12	GPIO187PB4/DQS
	GPIO_2	E7	HPC_HA05_N_B4	AA12	GPIO187NB4/DQS
	GPIO_3	E9	HPC_HA09_P_B4	T5	GPIO217PB4/DQS
	GPIO_4	E10	HPC_HA09_N_B4	T4	GPIO217NB4/DQS
	GPIO_5	E12	HPC_HA13_P_B4	AB5	GPIO182PB4
	GPIO_6	E13	HPC_HA13_N_B4	AC4	GPIO182NB4
	GPIO_7	E15	HPC_HA16_P_B4	W8	GPIO199PB4/DQS
	GPIO_8	E16	HPC_HA16_N_B4	Y8	GPIO199NB4/DQS
	GPIO_9	E18	HPC_HA20_P_B4	W6	GPIO197PB4
	GPIO_10	E19	HPC_HA20_N_B4	Y6	GPIO197NB4
LEDs	LED_1	E21	HPC_HB03_P_B5	J6	GPIO235PB5/DQS
	LED_2	E22	HPC_HB03_N_B5	J5	GPIO235NB5/DQS
	LED_3	E24	HPC_HB05_P_B5	L8	GPIO236PB5
	LED_4	E25	HPC_HB05_N_B5	L7	GPIO236NB5
	LED_5	E27	HPC_HB09_P_B5	J8	GPIO237PB5
	LED_6	E28	HPC_HB09_N_B5	K8	GPIO237NB5
	LED_7	E30	HPC_HB13_P_B5	M2	GPIO221PB5
	LED_8	E31	HPC_HB13_N_B5	M1	GPIO221NB5
	LED_9	E33	HPC_HB19_P_B5	N8	GPIO231PB5
	LED_10	E34	HPC_HB19_N_B5	M7	GPIO231NB5
Switches	SW_1	F17	HPC_HA15_N_B4	V7	GPIO198NB4

	SW_2	F16	HPC_HA15_P_B4	V8	GPIO198PB4
	SW_3	F14	HPC_HA12_N_B4	U7	GPIO218NB4
	SW_4	F13	HPC_HA12_P_B4	T7	GPIO218PB4
	SW_5	F11	HPC_HA08_N_B4	AB6	GPIO179NB4
	SW_6	F10	HPC_HA08_P_B4	AB7	GPIO179PB4
	SW_7	F8	HPC_HA04_N_B4	AA8	GPIO183NB4
	SW_8	F7	HPC_HA04_P_B4	AB9	GPIO183PB4
	SW_9	F5	HPC_HA00_CC_N_B4	Y5	GPIO195NB4
	SW_10	F4	HPC_HA00_CC_P_B4	W5	GPIO195PB4
Reset	Reset	F20	HPC_HA19_N_B4	AC3	GPIO177NB4
Interrupts	Acc_Interrupt	F19	HPC_HA19_P_B4	AB4	GPIO177PB4
	HR_Interrupt	F37	HPC_HB20_P_B5	N7	GPIO228PB5