

Pin List: ECM1900

2026-03-09

Connector	Pin	FPGA Pin	Pin Description	Rev AXX PCB Length (mm)	BRK1900-AXX	BRK1900-AXX Net	BRK1900-BXX	BRK1900-BXX Net
MC1	1	B18	B28_L22P_N6	51.354	J1-34	SZG_PORTD_C2P_CLKP	J1-34	SZG_PORTD_C2P_CLKP
MC1	2	B20	B28_L24P_N10	45.224	J1-31	SZG_PORTD_S26	J1-31	SZG_PORTD_S26
MC1	3	B19	B28_L22N_N7	51.350	J1-36	SZG_PORTD_C2P_CLKN	J1-36	SZG_PORTD_C2P_CLKN
MC1	4	B21	B28_L24N_N11	45.609	J1-29	SZG_PORTD_S24	J1-29	SZG_PORTD_S24
MC1	5	A18	B28_L19P_N0	57.219	J1-32	SZG_PORTD_S27	J1-32	SZG_PORTD_S27
MC1	6	A22	B28_L23P_N8	42.444	J1-27	SZG_PORTD_S22	J1-27	SZG_PORTD_S22
MC1	7	A19	B28_L19N_N1	57.422	J1-30	SZG_PORTD_S25	J1-30	SZG_PORTD_S25
MC1	8	A23	B28_L23N_N9	42.476	J1-25	SZG_PORTD_S20	J1-25	SZG_PORTD_S20
MC1	9	C21	B28_L15P_N4	46.771	J1-28	SZG_PORTD_S23	J1-28	SZG_PORTD_S23
MC1	10	B23	B28_T3U_N12	38.301	J1-23	SZG_PORTD_S18	J1-23	SZG_PORTD_S18
MC1	11	C22	B28_L15N_N5	46.882	J1-26	SZG_PORTD_S21	J1-26	SZG_PORTD_S21
MC1	12	D22	B28_L17P_N8	45.167	J1-21	SZG_PORTD_S16	J1-21	SZG_PORTD_S16
MC1	13	C18	B28_L20P_N2	53.568	J1-24	SZG_PORTD_S19	J1-24	SZG_PORTD_S19
MC1	14	C23	B28_L17N_N9	44.780				
MC1	15	C19	B28_L20N_N3	54.087	J1-22	SZG_PORTD_S17	J1-22	SZG_PORTD_S17
MC1	16	A20	B28_L21P_N4	40.198	J1-17	SZG_PORTD_S12_D6P	J1-17	SZG_PORTD_S12_D6P
MC1	17	E19	B28_L7P_N0	50.556	J1-18	SZG_PORTD_S13_D7P	J1-18	SZG_PORTD_S13_D7P
MC1	18	A21	B28_L21N_N5	40.765	J1-19	SZG_PORTD_S14_D6N	J1-19	SZG_PORTD_S14_D6N
MC1	19	D19	B28_L7N_N1	50.530	J1-20	SZG_PORTD_S15_D7N	J1-20	SZG_PORTD_S15_D7N
MC1	20	D20	B28_L9P_N4	46.959	J1-13	SZG_PORTD_S8_D4P	J1-13	SZG_PORTD_S8_D4P
MC1	21	E20	B28_T1U_N12	50.423				
MC1	22	D21	B28_L9N_N5	47.194	J1-15	SZG_PORTD_S10_D4N	J1-15	SZG_PORTD_S10_D4N
MC1	23	G20	B28_L10P_N6	48.893	J1-14	SZG_PORTD_S9_D5P	J1-14	SZG_PORTD_S9_D5P
MC1	24	J25	B28_L5P_N8	50.143	J1-9	SZG_PORTD_S4_D2P	J1-9	SZG_PORTD_S4_D2P
MC1	25	F20	B28_L10N_N7	48.888	J1-16	SZG_PORTD_S11_D5N	J1-16	SZG_PORTD_S11_D5N
MC1	26	H26	B28_L5N_N9	50.584	J1-11	SZG_PORTD_S6_D2N	J1-11	SZG_PORTD_S6_D2N
MC1	27	G21	B28_L12P_N10	49.696	J1-10	SZG_PORTD_S5_D3P	J1-10	SZG_PORTD_S5_D3P
MC1	28	F25	B28_T2U_N12	39.597				
MC1	29	F21	B28_L12N_N11	49.762	J1-12	SZG_PORTD_S7_D3N	J1-12	SZG_PORTD_S7_D3N
MC1	30	F23	B28_L13P_N0	44.492	J1-33	SZG_PORTD_P2C_CLKP	J1-33	SZG_PORTD_P2C_CLKP

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MC1	31	H21	B28_L8P_N2	45.623	J1-6	SZG_PORTD_S1_D1P	J1-6	SZG_PORTD_S1_D1P
MC1	32	E23	B28_L13N_N1	44.472	J1-35	SZG_PORTD_P2C_CLKN	J1-35	SZG_PORTD_P2C_CLKN
MC1	33	H22	B28_L8N_N3	46.947	J1-8	SZG_PORTD_S3_D1N	J1-8	SZG_PORTD_S3_D1N
MC1	34	G23	B28_L14P_N2	38.756	J7-33	SZG_PORTF_P2C_CLKP	J7-33	SZG_PORTF_P2C_CLKP
MC1	35	J21	B28_L3P_N4	47.692	J7-14	SZG_PORTF_S0	J7-14	SZG_PORTF_S0
MC1	36	G24	B28_L14N_N3	38.809	J7-35	SZG_PORTF_P2C_CLKN	J7-35	SZG_PORTF_P2C_CLKN
MC1	37	J22	B28_L3N_N5	46.824	J7-16	SZG_PORTF_S1	J7-16	SZG_PORTF_S1
MC1	38	G25	B28_L18P_N10	48.671	J7-22	SZG_PORTF_S7	J7-22	SZG_PORTF_S7
MC1	39	K22	B28_L4P_N6	46.761	J7-17	SZG_PORTF_S2	J7-17	SZG_PORTF_S2
MC1	40	G26	B28_L18N_N11	48.802	J7-23	SZG_PORTF_S8	J7-23	SZG_PORTF_S8
MC1	41	K23	B28_L4N_N7	46.770	J7-18	SZG_PORTF_S3	J7-18	SZG_PORTF_S3
MC1	42	H23	B28_T0U_N12	38.119	J7-24	SZG_PORTF_S9	J7-24	SZG_PORTF_S9
MC1	43	L21	B28_L1P_N0	48.076	J7-19	SZG_PORTF_S4	J7-19	SZG_PORTF_S4
MC1	44	J24	B28_L6P_N10	38.155	J7-34	SZG_PORTF_C2P_CLKP	J7-34	SZG_PORTF_C2P_CLKP
MC1	45	L22	B28_L1N_N1	48.028	J7-20	SZG_PORTF_S5	J7-20	SZG_PORTF_S5
MC1	46	H24	B28_L6N_N11	38.214	J7-36	SZG_PORTF_C2P_CLKN	J7-36	SZG_PORTF_C2P_CLKN
MC1	47	E24	B28_L16P_N6	44.573	J7-21	SZG_PORTF_S6	J7-21	SZG_PORTF_S6
MC1	48	L23	B28_L2P_N2	42.411	J1-5	SZG_PORTD_S0_D0P	J1-5	SZG_PORTD_S0_D0P
MC1	49	D24	B28_L16N_N7	44.587				
MC1	50	K24	B28_L2N_N3	44.062	J1-7	SZG_PORTD_S2_D0N	J1-7	SZG_PORTD_S2_D0N
MC1	51		NC					
MC1	52		NC					
MC1	53	J27	PS_JTAG_TDI		J2-10	PS_JTAG_TDI	J2-10	PS_JTAG_TDI
MC1	54	T18	XADC_VP		J3-35	XADC_VP	J3-35	XADC_VP
MC1	55	G28	PS_JTAG_TDO	39.051	J2-8	PS_JTAG_TDO	J2-8	PS_JTAG_TDO
MC1	56	U17	XADC_VN		J3-37	XADC_VN	J3-37	XADC_VN
MC1	57	H28	PS_JTAG_TMS		J2-4	PS_JTAG_TMS	J2-4	PS_JTAG_TMS
MC1	58	A28	PS_I2C0_SCL_3V3			PS_I2C0_SCL_3V3		PS_I2C0_SCL_3V3
MC1	59	K27	PS_JTAG_TCK		J2-6	PS_JTAG_TCK	J2-6	PS_JTAG_TCK
MC1	60	C29	PS_I2C0_SDA_3V3			PS_I2C0_SDA_3V3		PS_I2C0_SDA_3V3
MC1	61	A32	PS_B501_MIO29	30.230	U16-21	GIGE_TXD2	U16-21	GIGE_TXD2
MC1	62	A31	PS_B501_MIO28	29.480	U16-20	GIGE_TXD1	U16-20	GIGE_TXD1
MC1	63	A33	PS_B501_MIO30	30.307	U16-22	GIGE_TXD3	U16-22	GIGE_TXD3

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MC1	64	B31	PS_B501_MIO32	26.275	U16-35	GIGE_RX_CLK	U16-35	GIGE_RX_CLK
MC1	65	B34	PS_B501_MIO34	30.813	U16-31	GIGE_RXD1	U16-31	GIGE_RXD1
MC1	66	B30	PS_B501_MIO31	29.397	U16-25	GIGE_TX_EN	U16-25	GIGE_TX_EN
MC1	67	C33	PS_B501_MIO37	29.658	U16-33	GIGE_RX_DV	U16-33	GIGE_RX_DV
MC1	68	B33	PS_B501_MIO33	23.533	U16-32	GIGE_RXD0	U16-32	GIGE_RXD0
MC1	69	C31	PS_B501_MIO35	35.132	U16-28	GIGE_RXD2	U16-28	GIGE_RXD2
MC1	70	C32	PS_B501_MIO36	27.424	U16-27	GIGE_RXD3	U16-27	GIGE_RXD3
MC1	71	A29	PS_B501_MIO26	34.888	U16-24	GIGE_TX_CLK	U16-24	GIGE_TX_CLK
MC1	72	A30	PS_B501_MIO27	31.887	U16-19	GIGE_TXD0	U16-19	GIGE_TXD0
MC1	73	B29	PS_B500_MIO23	38.687	J3-17	PS_B500_MIO23	J3-17	PS_B500_MIO23
MC1	74	A26	PS_B500_MIO6	34.938	U14-23	USB_TYPEC_INT_B	U14-23	USB_TYPEC_INT_B
MC1	75	C28	PS_B500_MIO21	36.085	J3-19	PS_B500_MIO21	J3-19	PS_B500_MIO21
MC1	76	B28	PS_B500_MIO19	29.555	J3-1	PS_B500_MIO19	J3-1	PS_B500_MIO19
MC1	77	C27	PS_B500_MIO12	39.848	J3-21	PS_B500_MIO12	J3-21	PS_B500_MIO12
MC1	78	A25	PS_B500_MIO4	37.812	J3-3	PS_B500_MIO4	J3-3	PS_B500_MIO4
MC1	79	A24	PS_B500_MIO0	43.632	J3-23	PS_B500_MIO0	J3-23	PS_B500_MIO0
MC1	80	D29	PS_B500_MIO25	28.334	J3-5	PS_B500_MIO25	J3-5	PS_B500_MIO25
MC1	81	E29	PS_B500_MIO20	36.958	J3-25	PS_B500_MIO20	J3-25	PS_B500_MIO20
MC1	82	B25	PS_B500_MIO7	36.422	J3-7	PS_B500_MIO7	J3-7	PS_B500_MIO7
MC1	83	D27	PS_B500_MIO13	37.441	J3-27	PS_B500_MIO13	J3-27	PS_B500_MIO13
MC1	84	E28	PS_B500_MIO24	29.752	J3-9	PS_B500_MIO24	J3-9	PS_B500_MIO24
MC1	85	F28	PS_B500_MIO22	38.552	J3-29	PS_B500_MIO22	J3-29	PS_B500_MIO22
MC1	86	B24	PS_B500_MIO2	38.850	J3-11	PS_B500_MIO2	J3-11	PS_B500_MIO2
MC1	87	B26	PS_B500_MIO11	40.924	J3-31	PS_B500_MIO11	J3-31	PS_B500_MIO11
MC1	88	C24	PS_B500_MIO1	36.653	J3-13	PS_B500_MIO1	J3-13	PS_B500_MIO1
MC1	89	D26	PS_B500_MIO8	43.517	J3-33	PS_B500_MIO8	J3-33	PS_B500_MIO8
MC1	90	D25	PS_B500_MIO5	38.489	J3-15	PS_B500_MIO5	J3-15	PS_B500_MIO5
MC1	91	C26	PS_B500_MIO9	44.063	U16-38	GIGE_INT_B	U16-38	GIGE_INT_B
MC1	92	F27	PS_B500_MIO18	31.059	U16-42	GIGE_RESET_B	U16-42	GIGE_RESET_B
MC1	93	J31	PS_B502_MIO64	36.244	U13-1	USB_CLKOUT	U13-1	USB_CLKOUT
MC1	94	F26	PS_B500_MIO10	36.456	U16-41	GIGE_LED_MODE	U16-41	GIGE_LED_MODE
MC1	95	J32	PS_B502_MIO65	32.532	U13-31	USB_DIR	U13-31	USB_DIR
MC1	96	E25	PS_B500_MIO3	37.273	U13-27	USB_RESET_B	U13-27	USB_RESET_B

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MC1	97	J34	PS_B502_MIO66	32.240	U13-5	USB_DATA2	U13-5	USB_DATA2
MC1	98	L29	PS_B502_MIO74	30.266	U13-10	USB_DATA6	U13-10	USB_DATA6
MC1	99	K31	PS_B502_MIO70	33.273	U13-29	USB_STP	U13-29	USB_STP
MC1	100	L34	PS_B502_MIO77	25.121	U16-37	GIGE_MDIO	U16-37	GIGE_MDIO
MC1	101	K33	PS_B502_MIO72	33.103	U13-7	USB_DATA4	U13-7	USB_DATA4
MC1	102	L33	PS_B502_MIO76	25.080	U16-36	GIGE_MDC	U16-36	GIGE_MDC
MC1	103	K32	PS_B502_MIO71	31.621	U13-6	USB_DATA3	U13-6	USB_DATA3
MC1	104	K34	PS_B502_MIO73	25.970	U13-9	USB_DATA5	U13-9	USB_DATA5
MC1	105	K29	PS_B502_MIO68	37.953	U13-3	USB_DATA0	U13-3	USB_DATA0
MC1	106	L30	PS_B502_MIO75	27.964	U13-13	USB_DATA7	U13-13	USB_DATA7
MC1	107	K28	PS_B502_MIO67	37.868	U13-2	USB_NXT	U13-2	USB_NXT
MC1	108	K30	PS_B502_MIO69	30.384	U13-4	USB_DATA1	U13-4	USB_DATA1
MC1	109	N24	PS_DONE		J4-9	PS_DONE	J4-9	PS_DONE
MC1	110		NC					
MC1	111	AA12	POR_OVERRIDE		J3-39	POR_OVERRIDE	J3-39	POR_OVERRIDE
MC1	112	P24	PS_INIT_B		J4-19	PS_INIT_B	J4-19	PS_INIT_B
MC1	113	P25	PS_SRST_B		J4-7	PS_SRST_B	J4-7	PS_SRST_B
MC1	114	H27	PS_MODE0		J4-17	PS_MODE0	J4-17	PS_MODE0
MC1	115	R25	PS_ERROR_STATUS	36.859	J4-5	PS_ERROR_STATUS	J4-5	PS_ERROR_STATUS
MC1	116	J26	PS_MODE1		J4-15	PS_MODE1	J4-15	PS_MODE1
MC1	117	T25	PS_ERROR_OUT	36.740	J4-3	PS_ERROR_OUT	J4-3	PS_ERROR_OUT
MC1	118	K26	PS_MODE2		J4-13	PS_MODE2	J4-13	PS_MODE2
MC1	119	T24	PS_PROG_B		J4-1	PS_PROG_B	J4-1	PS_PROG_B
MC1	120	K25	PS_MODE3		J4-11	PS_MODE3	J4-11	PS_MODE3
MC2	1					+1.8V		+1.8V
MC2	2		NC					
MC2	3					+1.8V		+1.8V
MC2	4		NC					
MC2	5		SI5341_REFCLK_IN0	17.443				
MC2	6		NC					
MC2	7		SI5341_REFCLK_IN0B	16.687				
MC2	8		NC					
MC2	9		NC					

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MC2	10	P27	PS_MGTREFCLK1P_505	73.058	U2-22	CLK0A	U2-22	CLK0A
MC2	11		NC					
MC2	12	P28	PS_MGTREFCLK1N_505	72.969	U2-21	CLK0B	U2-21	CLK0B
MC2	13	N33	PS_MGTRRX_P3_505	67.578	U14-9	USB_SSRX_P	U14-9	USB_SSRX_P
MC2	14	N29	PS_MGTRTX_P3_505	72.068	U14-6	USB_SSTX_P	U14-6	USB_SSTX_P
MC2	15	N34	PS_MGTRRXN3_505	67.559	U14-10	USB_SSRX_N	U14-10	USB_SSRX_N
MC2	16	N30	PS_MGTRTXN3_505	72.048	U14-7	USB_SSTX_N	U14-7	USB_SSTX_N
MC2	17	R33	PS_MGTRRX_P2_505	68.452	J12-5	SATA_TXB-	J12-6	SATA_RXB+
MC2	18	P31	PS_MGTRTX_P2_505	79.670	J12-2	SATA_TXA+	J12-2	SATA_TXA+
MC2	19	R34	PS_MGTRRXN2_505	68.433	J12-6	SATA_TXB+	J12-5	SATA_RXB-
MC2	20	P32	PS_MGTRTXN2_505	79.863	J12-3	SATA_TXA-	J12-3	SATA_TXA-
MC2	21	T31	PS_MGTRRX_P1_505	66.889				
MC2	22	R29	PS_MGTRTX_P1_505	70.172		DISPLAYPORT_PS_SRC_LANE1_P	J20-1	DISPLAYPORT_PS_SRC_LANE0_P
MC2	23	T32	PS_MGTRRXN1_505	66.863				
MC2	24	R30	PS_MGTRTXN1_505	70.145		DISPLAYPORT_PS_SRC_LANE1_N	J20-3	DISPLAYPORT_PS_SRC_LANE0_N
MC2	25	U33	PS_MGTRRX_P0_505	68.731				
MC2	26	U29	PS_MGTRTX_P0_505	71.871		DISPLAYPORT_PS_SRC_LANE0_P	J20-4	DISPLAYPORT_PS_SRC_LANE1_P
MC2	27	U34	PS_MGTRRXN0_505	68.706				
MC2	28	U30	PS_MGTRTXN0_505	71.849		DISPLAYPORT_PS_SRC_LANE0_N	J20-6	DISPLAYPORT_PS_SRC_LANE1_N
MC2	29	R10	PL_MGTREFCLK1P_227	38.063			U2-10	CLK3A
MC2	30	M27	PS_MGTREFCLK2P_505	72.868	U2-18	CLK1A	U2-18	CLK1A
MC2	31	R9	PL_MGTREFCLK1N_227	38.262			U2-9	CLK3B
MC2	32	M28	PS_MGTREFCLK2N_505	72.988	U2-17	CLK1B	U2-17	CLK1B
MC2	33	G2	PL_MGTHRXP3_227	24.480	J14-25	QSFP1_RX4P	J14-25	QSFP1_RX4P
MC2	34	H4	PL_MGHTXP3_227	38.844	J14-6	QSFP1_TX4P	J14-6	QSFP1_TX4P
MC2	35	G1	PL_MGTHRXP3_227	24.455	J14-24	QSFP1_RX4N	J14-24	QSFP1_RX4N
MC2	36	H3	PL_MGHTXP3_227	38.653	J14-5	QSFP1_TX4N	J14-5	QSFP1_TX4N
MC2	37	J2	PL_MGTHRXP2_227	24.543	J14-14	QSFP1_RX3P	J14-14	QSFP1_RX3P
MC2	38	K4	PL_MGHTXP2_227	32.982	J14-33	QSFP1_TX3P	J14-33	QSFP1_TX3P
MC2	39	J1	PL_MGTHRXP2_227	24.515	J14-15	QSFP1_RX3N	J14-15	QSFP1_RX3N
MC2	40	K3	PL_MGHTXP2_227	32.998	J14-34	QSFP1_TX3N	J14-34	QSFP1_TX3N
MC2	41	L2	PL_MGTHRXP1_227	22.262	J14-22	QSFP1_RX2P	J14-22	QSFP1_RX2P
MC2	42	L6	PL_MGHTXP1_227	36.079	J14-3	QSFP1_TX2P	J14-3	QSFP1_TX2P

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MC2	43	L1	PL_MGTHRXN1_227	22.242	J14-21	QSFP1_RX2N	J14-21	QSFP1_RX2N
MC2	44	L5	PL_MGHTXN1_227	36.068	J14-2	QSFP1_TX2N	J14-2	QSFP1_TX2N
MC2	45	N2	PL_MGTHRXP0_227	22.576	J14-17	QSFP1_RX1P	J14-17	QSFP1_RX1P
MC2	46	M4	PL_MGHTXP0_227	31.225	J14-36	QSFP1_TX1P	J14-36	QSFP1_TX1P
MC2	47	N1	PL_MGTHRXN0_227	22.548	J14-18	QSFP1_RX1N	J14-18	QSFP1_RX1N
MC2	48	M3	PL_MGHTXN0_227	31.231	J14-37	QSFP1_TX1N	J14-37	QSFP1_TX1N
MC2	49	P4	PL_MGTHRXP3_226	24.234	J15-25	QSFP2_RX4P	J15-25	QSFP2_RX4P
MC2	50	N6	PL_MGHTXP3_226	34.789	J15-6	QSFP2_TX4P	J15-6	QSFP2_TX4P
MC2	51	P3	PL_MGTHRXN3_226	24.213	J15-24	QSFP2_RX4N	J15-24	QSFP2_RX4N
MC2	52	N5	PL_MGHTXN3_226	34.811	J15-5	QSFP2_TX4N	J15-5	QSFP2_TX4N
MC2	53	R2	PL_MGTHRXP2_226	22.060	J15-14	QSFP2_RX3P	J15-14	QSFP2_RX3P
MC2	54	R6	PL_MGHTXP2_226	32.808	J15-33	QSFP2_TX3P	J15-33	QSFP2_TX3P
MC2	55	R1	PL_MGTHRXN2_226	22.034	J15-15	QSFP2_RX3N	J15-15	QSFP2_RX3N
MC2	56	R5	PL_MGHTXN2_226	32.826	J15-34	QSFP2_TX3N	J15-34	QSFP2_TX3N
MC2	57	U2	PL_MGTHRXP1_226	22.622	J15-22	QSFP2_RX2P	J15-22	QSFP2_RX2P
MC2	58	T4	PL_MGHTXP1_226	32.883	J15-3	QSFP2_TX2P	J15-3	QSFP2_TX2P
MC2	59	U1	PL_MGTHRXN1_226	22.602	J15-21	QSFP2_RX2N	J15-21	QSFP2_RX2N
MC2	60	T3	PL_MGHTXN1_226	32.898	J15-2	QSFP2_TX2N	J15-2	QSFP2_TX2N
MC2	61	V4	PL_MGTHRXP0_226	24.208	J15-17	QSFP2_RX1P	J15-17	QSFP2_RX1P
MC2	62	U6	PL_MGHTXP0_226	32.233	J15-36	QSFP2_TX1P	J15-36	QSFP2_TX1P
MC2	63	V3	PL_MGTHRXN0_226	24.183	J15-18	QSFP2_RX1N	J15-18	QSFP2_RX1N
MC2	64	U5	PL_MGHTXN0_226	32.244	J15-37	QSFP2_TX1N	J15-37	QSFP2_TX1N
MC2	65	W10	PL_MGTREFCLK1P_225	30.787	J6-13	SZG_PORTE_REFCLKP	J6-13	SZG_PORTE_REFCLKP
MC2	66	U10	PL_MGTREFCLK1P_226	52.186	U2-14	CLK2A	U2-14	CLK2A
MC2	67	W9	PL_MGTREFCLK1N_225	30.879	J6-15	SZG_PORTE_REFCLKN	J6-15	SZG_PORTE_REFCLKN
MC2	68	U9	PL_MGTREFCLK1N_226	52.375	U2-13	CLK2B	U2-13	CLK2B
MC2	69	W2	PL_MGTHRXP3_225	21.181	J6-25	SZG_PORTE_RX3P	J6-25	SZG_PORTE_RX3P
MC2	70	W6	PL_MGHTXP3_225	31.963	J6-26	SZG_PORTE_TX3P	J6-26	SZG_PORTE_TX3P
MC2	71	W1	PL_MGTHRXN3_225	21.153	J6-27	SZG_PORTE_RX3N	J6-27	SZG_PORTE_RX3N
MC2	72	W5	PL_MGHTXN3_225	31.979	J6-28	SZG_PORTE_TX3N	J6-28	SZG_PORTE_TX3N
MC2	73	AA2	PL_MGTHRXP2_225	21.384	J6-29	SZG_PORTE_RX2P	J6-29	SZG_PORTE_RX2P
MC2	74	Y4	PL_MGHTXP2_225	32.449	J6-30	SZG_PORTE_TX2P	J6-30	SZG_PORTE_TX2P
MC2	75	AA1	PL_MGTHRXN2_225	21.364	J6-31	SZG_PORTE_RX2N	J6-31	SZG_PORTE_RX2N

Connector	Pin	FPGA Pin	Pin Description	Rev AXX PCB Length (mm)	BRK1900-AXX	BRK1900-AXX Net	BRK1900-BXX	BRK1900-BXX Net
MC2	76	Y3	PL_MGTHTXN2_225	32.443	J6-32	SZG_PORTE_TX2N	J6-32	SZG_PORTE_TX2N
MC2	77	AB4	PL_MGTHRXP1_225	23.193	J6-9	SZG_PORTE_RX1P	J6-9	SZG_PORTE_RX1P
MC2	78	AA6	PL_MGTHTXP1_225	31.870	J6-10	SZG_PORTE_TX1P	J6-10	SZG_PORTE_TX1P
MC2	79	AB3	PL_MGTHRXN1_225	23.184	J6-11	SZG_PORTE_RX1N	J6-11	SZG_PORTE_RX1N
MC2	80	AA5	PL_MGTHTXN1_225	31.894	J6-12	SZG_PORTE_TX1N	J6-12	SZG_PORTE_TX1N
MC2	81	AC2	PL_MGTHRXP0_225	22.363	J6-5	SZG_PORTE_RX0P	J6-5	SZG_PORTE_RX0P
MC2	82	AC6	PL_MGTHTXP0_225	36.746	J6-6	SZG_PORTE_TX0P	J6-6	SZG_PORTE_TX0P
MC2	83	AC1	PL_MGTHRXN0_225	22.336	J6-7	SZG_PORTE_RX0N	J6-7	SZG_PORTE_RX0N
MC2	84	AC5	PL_MGTHTXN0_225	36.763	J6-8	SZG_PORTE_TX0N	J6-8	SZG_PORTE_TX0N
MC2	85	AE2	PL_MGTHRXP3_224	23.413	J7-25	SZG_PORTF_RX3P	J7-25	SZG_PORTF_RX3P
MC2	86	AD4	PL_MGTHTXP3_224	32.129	J7-26	SZG_PORTF_TX3P	J7-26	SZG_PORTF_TX3P
MC2	87	AE1	PL_MGTHRXN3_224	23.385	J7-27	SZG_PORTF_RX3N	J7-27	SZG_PORTF_RX3N
MC2	88	AD3	PL_MGTHTXN3_224	32.148	J7-28	SZG_PORTF_TX3N	J7-28	SZG_PORTF_TX3N
MC2	89	AF4	PL_MGTHRXP2_224	25.649	J7-29	SZG_PORTF_RX2P	J7-29	SZG_PORTF_RX2P
MC2	90	AE6	PL_MGTHTXP2_224	36.683	J7-30	SZG_PORTF_TX2P	J7-30	SZG_PORTF_TX2P
MC2	91	AF3	PL_MGTHRXN2_224	25.622	J7-31	SZG_PORTF_RX2N	J7-31	SZG_PORTF_RX2N
MC2	92	AE5	PL_MGTHTXN2_224	36.699	J7-32	SZG_PORTF_TX2N	J7-32	SZG_PORTF_TX2N
MC2	93	AG2	PL_MGTHRXP1_224	23.047	J7-9	SZG_PORTF_RX1P	J7-9	SZG_PORTF_RX1P
MC2	94	AG6	PL_MGTHTXP1_224	35.920	J7-10	SZG_PORTF_TX1P	J7-10	SZG_PORTF_TX1P
MC2	95	AG1	PL_MGTHRXN1_224	23.026	J7-11	SZG_PORTF_RX1N	J7-11	SZG_PORTF_RX1N
MC2	96	AG5	PL_MGTHTXN1_224	35.940	J7-12	SZG_PORTF_TX1N	J7-12	SZG_PORTF_TX1N
MC2	97	AJ2	PL_MGTHRXP0_224	23.405	J7-5	SZG_PORTF_RX0P	J7-5	SZG_PORTF_RX0P
MC2	98	AH4	PL_MGTHTXP0_224	34.852	J7-6	SZG_PORTF_TX0P	J7-6	SZG_PORTF_TX0P
MC2	99	AJ1	PL_MGTHRXN0_224	23.380	J7-7	SZG_PORTF_RX0N	J7-7	SZG_PORTF_RX0N
MC2	100	AH3	PL_MGTHTXN0_224	34.877	J7-8	SZG_PORTF_TX0N	J7-8	SZG_PORTF_TX0N
MC2	101	AA10	PL_MGTREFCLK1P_224	40.892	J7-13	SZG_PORTF_REFCLKP	J7-13	SZG_PORTF_REFCLKP
MC2	102	AC10	PL_MGTREFCLK1P_223	53.645	U2-10	CLK3A	J5-13	SZG_PORTG_REFCLKP
MC2	103	AA9	PL_MGTREFCLK1N_224	40.807	J7-15	SZG_PORTF_REFCLKN	J7-15	SZG_PORTF_REFCLKN
MC2	104	AC9	PL_MGTREFCLK1N_223	53.629	U2-9	CLK3B	J5-15	SZG_PORTG_REFCLKN
MC2	105	AK4	PL_MGTHRXP3_223	25.086		DISPLAYPORT_PL_SNK_LANE0_P	J5-25	SZG_PORTG_RX3P
MC2	106	AJ6	PL_MGTHTXP3_223	37.528		DISPLAYPORT_PL_SRC_LANE0_P	J5-26	SZG_PORTG_TX3P
MC2	107	AK3	PL_MGTHRXN3_223	25.065		DISPLAYPORT_PL_SNK_LANE0_N	J5-27	SZG_PORTG_RX3N
MC2	108	AJ5	PL_MGTHTXN3_223	37.550		DISPLAYPORT_PL_SRC_LANE0_N	J5-28	SZG_PORTG_TX3N

Connector	Pin	FPGA Pin	Pin Description	Rev AXX PCB Length (mm)	BRK1900-AXX	BRK1900-AXX Net	BRK1900-BXX	BRK1900-BXX Net
MC2	109	AL2	PL_MGTHRXP2_223	23.273		DISPLAYPORT_PL_SNK_LANE1_P	J5-29	SZG_PORTG_RX2P
MC2	110	AL6	PL_MGHTXP2_223	34.555		DISPLAYPORT_PL_SRC_LANE1_P	J5-30	SZG_PORTG_TX2P
MC2	111	AL1	PL_MGTHRXN2_223	23.123		DISPLAYPORT_PL_SNK_LANE1_N	J5-31	SZG_PORTG_RX2N
MC2	112	AL5	PL_MGHTXN2_223	34.572		DISPLAYPORT_PL_SRC_LANE1_N	J5-32	SZG_PORTG_TX2N
MC2	113	AN2	PL_MGTHRXP1_223	23.071	J5-43	FPX1301_TXP1	J5-9	SZG_PORTG_RX1P
MC2	114	AM4	PL_MGHTXP1_223	35.852	J5-55	FPX1301_RXP1	J5-10	SZG_PORTG_TX1P
MC2	115	AN1	PL_MGTHRXN1_223	23.047	J5-45	FPX1301_TXN1	J5-11	SZG_PORTG_RX1N
MC2	116	AM3	PL_MGHTXN1_223	35.871	J5-57	FPX1301_RXN1	J5-12	SZG_PORTG_TX1N
MC2	117	AP4	PL_MGTHRXP0_223	25.612	J5-37	FPX1301_TXP0	J5-5	SZG_PORTG_RX0P
MC2	118	AN6	PL_MGHTXP0_223	34.344	J5-49	FPX1301_RXP0	J5-6	SZG_PORTG_TX0P
MC2	119	AP3	PL_MGTHRXN0_223	25.599	J5-39	FPX1301_TXN0	J5-7	SZG_PORTG_RX0N
MC2	120	AN5	PL_MGHTXN0_223	34.345	J5-51	FPX1301_RXN0	J5-8	SZG_PORTG_TX0N
MC3	1	D2	B88_L5P	39.580	J8-34	SZG_PORTA_C2P_CLKP	J8-34	SZG_PORTA_C2P_1
MC3	2	F5	B88_L9P	42.158	J8-31	SZG_PORTA_S26	J8-31	SZG_PORTA_S26
MC3	3	C2	B88_L5N	39.591	J8-36	SZG_PORTA_C2P_CLKN	J8-36	SZG_PORTA_C2P_2
MC3	4	F4	B88_L9N	41.937	J8-29	SZG_PORTA_S24	J8-29	SZG_PORTA_S24
MC3	5	E1	B88_L1P	45.116	J8-32	SZG_PORTA_S27	J8-32	SZG_PORTA_S27
MC3	6	E3	B88_L4P	40.051	J8-27	SZG_PORTA_S22	J8-27	SZG_PORTA_S22
MC3	7	D1	B88_L1N	44.475	J8-30	SZG_PORTA_S25	J8-30	SZG_PORTA_S25
MC3	8	E2	B88_L4N	39.991	J8-25	SZG_PORTA_S20	J8-25	SZG_PORTA_S20
MC3	9	C3	B88_L6P	36.826	J8-28	SZG_PORTA_S23	J8-28	SZG_PORTA_S23
MC3	10	E4	B88_L8P	36.203	J8-33	SZG_PORTA_P2C_CLKP	J8-33	SZG_PORTA_P2C_1
MC3	11	B3	B88_L6N	36.837	J8-26	SZG_PORTA_S21	J8-26	SZG_PORTA_S21
MC3	12	D4	B88_L8N	36.159	J8-35	SZG_PORTA_P2C_CLKN	J8-35	SZG_PORTA_P2C_2
MC3	13	C1	B88_L2P	41.924	J8-17	SZG_PORTA_S12_D6P	J8-17	SZG_PORTA_S12
MC3	14	F6	B88_L12P	39.017	J8-23	SZG_PORTA_S18	J8-23	SZG_PORTA_S18
MC3	15	B1	B88_L2N	41.277	J8-19	SZG_PORTA_S14_D6N	J8-19	SZG_PORTA_S14
MC3	16	E5	B88_L12N	38.799	J8-21	SZG_PORTA_S16	J8-21	SZG_PORTA_S16
MC3	17	C4	B88_L7P	36.211	J8-24	SZG_PORTA_S19	J8-24	SZG_PORTA_S19
MC3	18	B5	B88_L10P	31.318	J8-13	SZG_PORTA_S8_D4P	J8-13	SZG_PORTA_S8
MC3	19	B4	B88_L7N	36.108	J8-22	SZG_PORTA_S17	J8-22	SZG_PORTA_S17
MC3	20	A5	B88_L10N	30.649	J8-15	SZG_PORTA_S10_D4N	J8-15	SZG_PORTA_S10
MC3	21	A3	B88_L3P	39.028	J8-18	SZG_PORTA_S13_D7P	J8-18	SZG_PORTA_S13

Connector	Pin	FPGA Pin	Pin Description	Rev AXX PCB Length (mm)	BRK1900-AXX	BRK1900-AXX Net	BRK1900-BXX	BRK1900-BXX Net
MC3	22	D6	B88_L11P	36.528	J8-9	SZG_PORTA_S4_D2P	J8-9	SZG_PORTA_S4
MC3	23	A2	B88_L3N	39.374	J8-20	SZG_PORTA_S15_D7N	J8-20	SZG_PORTA_S15
MC3	24	D5	B88_L11N	36.881	J8-11	SZG_PORTA_S6_D2N	J8-11	SZG_PORTA_S6
MC3	25				J8-39	VCCO_87_88	J8-39	VCCO_87_88
MC3	26	N9	B87_L2P	44.282	J8-5	SZG_PORTA_S0_D0P	J8-5	SZG_PORTA_S0
MC3	27	J7	B87_L9P	44.848	J8-14	SZG_PORTA_S9_D5P	J8-14	SZG_PORTA_S9
MC3	28	N8	B87_L2N	43.179	J8-7	SZG_PORTA_S2_D0N	J8-7	SZG_PORTA_S2
MC3	29	J6	B87_L9N	44.668	J8-16	SZG_PORTA_S11_D5N	J8-16	SZG_PORTA_S11
MC3	30	L8	B87_L7P	41.686	J8-6	SZG_PORTA_S1_D1P	J8-6	SZG_PORTA_S1
MC3	31	H6	B87_L10P	44.230	J8-10	SZG_PORTA_S5_D3P	J8-10	SZG_PORTA_S5
MC3	32	K8	B87_L7N	41.308	J8-8	SZG_PORTA_S3_D1N	J8-8	SZG_PORTA_S3
MC3	33	G6	B87_L10N	43.336	J8-12	SZG_PORTA_S7_D3N	J8-12	SZG_PORTA_S7
MC3	34	M9	B87_L5P	41.823	J14-9	QSFP1_RESET_B	J14-9	QSFP1_RESET_B
MC3	35	H7	B87_L11P	41.298	J15-9	QSFP2_RESET_B	J15-9	QSFP2_RESET_B
MC3	36	M8	B87_L5N	41.691	J14-31	QSFP1_LP_MODE	J14-31	QSFP1_LP_MODE
MC3	37	G7	B87_L11N	40.940	J15-31	QSFP2_LP_MODE	J15-31	QSFP2_LP_MODE
MC3	38	P12	B87_L1P	46.887	J14-8	QSFP1_MODSEL_B	J14-8	QSFP1_MODSEL_B
MC3	39	H8	B87_L12P	43.929	J15-8	QSFP2_MODSEL_B	J15-8	QSFP2_MODSEL_B
MC3	40	N12	B87_L1N	45.767	J14-27	QSFP1_MODPRS_B	J14-27	QSFP1_MODPRS_B
MC3	41	G8	B87_L12N	43.571	J15-27	QSFP2_MODPRS_B	J15-27	QSFP2_MODPRS_B
MC3	42	N11	B87_L4P	41.251	J14-28	QSFP1_INT_B	J14-28	QSFP1_INT_B
MC3	43	K9	B87_L8P	42.422	J15-12	QSFP2_SDA	J15-12	QSFP2_SDA
MC3	44	M11	B87_L4N	40.401	J14-11	QSFP1_SCL	J14-11	QSFP1_SCL
MC3	45	J9	B87_L8N	42.350	J15-28	QSFP2_INT_B	J15-28	QSFP2_INT_B
MC3	46	N13	B87_L3P	43.700	J14-12	QSFP1_SDA	J14-12	QSFP1_SDA
MC3	47	M10	B87_L6P	48.363	J15-11	QSFP2_SCL	J15-11	QSFP2_SCL
MC3	48	M12	B87_L3N	44.623				NetMC3_48
MC3	49	L10	B87_L6N	48.328				
MC3	50					VREF_68		VREF_68
MC3	51				J9-39	VCCO_68	J9-39	VCCO_68
MC3	52	M13	B68_L1P_N0	40.466	J9-31	SZG_PORTB_S26	J9-31	SZG_PORTB_S26
MC3	53	F7	B68_L7P_N0	43.435	J9-34	SZG_PORTB_C2P_CLKP	J9-34	SZG_PORTB_C2P_CLKP
MC3	54	L13	B68_L1N_N1	40.087	J9-29	SZG_PORTB_S24	J9-29	SZG_PORTB_S24

Connector	Pin	FPGA Pin	Pin Description	Rev AXX PCB Length (mm)	BRK1900-AXX	BRK1900-AXX Net	BRK1900-BXX	BRK1900-BXX Net
MC3	55	E7	B68_L7N_N1	43.629	J9-36	SZG_PORTB_C2P_CLKN	J9-36	SZG_PORTB_C2P_CLKN
MC3	56	K14	B68_L5P_N8	40.731	J9-27	SZG_PORTB_S22	J9-27	SZG_PORTB_S22
MC3	57	C7	B68_L19P_N0	39.202	J9-32	SZG_PORTB_S27	J9-32	SZG_PORTB_S27
MC3	58	J14	B68_L5N_N9	40.353	J9-25	SZG_PORTB_S20	J9-25	SZG_PORTB_S20
MC3	59	C6	B68_L19N_N1	39.057	J9-30	SZG_PORTB_S25	J9-30	SZG_PORTB_S25
MC3	60	D7	B68_T1U_N12	28.913	J9-23	SZG_PORTB_S18	J9-23	SZG_PORTB_S18
MC3	61	B6	B68_L21P_N4	38.516	J9-28	SZG_PORTB_S23	J9-28	SZG_PORTB_S23
MC3	62	G10	B68_L12P_N10	33.173	J9-33	SZG_PORTB_P2C_CLKP	J9-33	SZG_PORTB_P2C_CLKP
MC3	63	A6	B68_L21N_N5	38.208	J9-26	SZG_PORTB_S21	J9-26	SZG_PORTB_S21
MC3	64	F10	B68_L12N_N11	33.547	J9-35	SZG_PORTB_P2C_CLKN	J9-35	SZG_PORTB_P2C_CLKN
MC3	65	A9	B68_T3U_N12	31.872	J9-24	SZG_PORTB_S19	J9-24	SZG_PORTB_S19
MC3	66	F8	B68_L9P_N4	35.483	J9-17	SZG_PORTB_S12_D6P	J9-17	SZG_PORTB_S12_D6P
MC3	67	A8	B68_L23P_N8	38.554	J9-22	SZG_PORTB_S17	J9-22	SZG_PORTB_S17
MC3	68	E8	B68_L9N_N5	35.125	J9-19	SZG_PORTB_S14_D6N	J9-19	SZG_PORTB_S14_D6N
MC3	69	A7	B68_L23N_N9	38.075	J9-21	SZG_PORTB_S16	J9-21	SZG_PORTB_S16
MC3	70	F12	B68_L17P_N8	30.621	J9-13	SZG_PORTB_S8_D4P	J9-13	SZG_PORTB_S8_D4P
MC3	71	C9	B68_L8P_N2	38.442	J9-18	SZG_PORTB_S13_D7P	J9-18	SZG_PORTB_S13_D7P
MC3	72	E12	B68_L17N_N9	30.652	J9-15	SZG_PORTB_S10_D4N	J9-15	SZG_PORTB_S10_D4N
MC3	73	C8	B68_L8N_N3	37.811	J9-20	SZG_PORTB_S15_D7N	J9-20	SZG_PORTB_S15_D7N
MC3	74	B10	B68_L22P_N6	33.029	J9-9	SZG_PORTB_S4_D2P	J9-9	SZG_PORTB_S4_D2P
MC3	75	B9	B68_L20P_N2	39.723	J9-14	SZG_PORTB_S9_D5P	J9-14	SZG_PORTB_S9_D5P
MC3	76	A10	B68_L22N_N7	32.967	J9-11	SZG_PORTB_S6_D2N	J9-11	SZG_PORTB_S6_D2N
MC3	77	B8	B68_L20N_N3	38.874	J9-16	SZG_PORTB_S11_D5N	J9-16	SZG_PORTB_S11_D5N
MC3	78	E9	B68_L10P_N6	32.030	J9-5	SZG_PORTB_S0_D0P	J9-5	SZG_PORTB_S0_D0P
MC3	79	B11	B68_L24P_N10	33.867	J9-10	SZG_PORTB_S5_D3P	J9-10	SZG_PORTB_S5_D3P
MC3	80	D9	B68_L10N_N7	32.075	J9-7	SZG_PORTB_S2_D0N	J9-7	SZG_PORTB_S2_D0N
MC3	81	A11	B68_L24N_N11	33.495	J9-12	SZG_PORTB_S7_D3N	J9-12	SZG_PORTB_S7_D3N
MC3	82	L12	B68_L3P_N4	41.072	J10-1	B68_L3P_N4	J5-17	SZG_PORTG_S2
MC3	83	H9	B68_L11P_N8	44.563	J9-6	SZG_PORTB_S1_D1P	J9-6	SZG_PORTB_S1_D1P
MC3	84	L11	B68_L3N_N5	39.814	J10-3	B68_L3N_N5	J5-21	SZG_PORTG_S6
MC3	85	G9	B68_L11N_N9	44.575	J9-8	SZG_PORTB_S3_D1N	J9-8	SZG_PORTB_S3_D1N
MC3	86	H11	B68_L13P_N0	39.687	J10-5	B68_L13P_N0	J5-19	SZG_PORTG_S4
MC3	87	D12	B68_L18P_N10	37.416		DISPLAYPORT_PL_SRC_AUX_P_C	J10-1	B68_L18P_N10

Connector	Pin	FPGA Pin	Pin Description	Rev AXX PCB Length (mm)	BRK1900-AXX	BRK1900-AXX Net	BRK1900-BXX	BRK1900-BXX Net
MC3	88	G11	B68_L13N_N1	39.675	J10-7	B68_L13N_N1	J5-23	SZG_PORTG_S8
MC3	89	C11	B68_L18N_N11	36.638		DISPLAYPORT_PL_SRC_AUX_N_C	J10-3	B68_L18N_N11
MC3	90	D11	B68_L16P_N6	33.305	J10-9	B68_L16P_N6	J5-14	SZG_PORTG_S0
MC3	91	K10	B68_L2P_N2	54.196		DISPLAYPORT_PL_SRC_PWD_B	J10-5	B68_L2P_N2
MC3	92	D10	B68_L16N_N7	33.405	J10-11	B68_L16N_N7	J5-16	SZG_PORTG_S1
MC3	93	J10	B68_L2N_N3	53.886		DISPLAYPORT_PL_SRC_HPD	J10-7	B68_L2N_N3
MC3	94				TP4-1	VREF_67	TP4-1	VREF_67
MC3	95	H14	B68_T0U_N12	41.842		DISPLAYPORT_PL_SNK_HPD	J10-9	B68_T0U_N12
MC3	96	H13	B68_L15P_N4	42.287	J10-13	B68_L15P_N4	J5-18	SZG_PORTG_S3
MC3	97	L14	B68_L6P_N10	55.219		DISPLAYPORT_PL_SNK_AUX_P	J5-34	SZG_PORTG_C2P_CLKP
MC3	98	H12	B68_L15N_N5	42.327	J10-15	B68_L15N_N5	J5-20	SZG_PORTG_S5
MC3	99	K13	B68_L6N_N11	55.454		DISPLAYPORT_PL_SNK_AUX_N	J5-36	SZG_PORTG_C2P_CLKN
MC3	100	F11	B68_L14P_N2	37.590	J10-17	B68_L14P_N2	J5-33	SZG_PORTG_P2C_CLKP
MC3	101	G13	B68_T2U_N12	39.506			J10-11	B68_T2U_N12
MC3	102	E10	B68_L14N_N3	37.567	J10-19	B68_L14N_N3	J5-35	SZG_PORTG_P2C_CLKN
MC3	103				J11-39,J6-39	VCCO_67	J6-39,J11-39	VCCO_67
MC3	104	K12	B68_L4P_N6	47.119			J5-24	SZG_PORTG_S9
MC3	105	A13	B67_L5P_N8	37.034	J11-34	SZG_PORTC_C2P_CLKP	J11-34	SZG_PORTC_C2P_CLKP
MC3	106	J11	B68_L4N_N7	47.048			J5-22	SZG_PORTG_S7
MC3	107	A12	B67_L5N_N9	37.199	J11-36	SZG_PORTC_C2P_CLKN	J11-36	SZG_PORTC_C2P_CLKN
MC3	108	C13	B67_L6P_N10	34.156	J11-31	SZG_PORTC_S26	J11-31	SZG_PORTC_S26
MC3	109	B14	B67_L4P_N6	40.893	J11-32	SZG_PORTC_S27	J11-32	SZG_PORTC_S27
MC3	110	C12	B67_L6N_N11	34.439	J11-29	SZG_PORTC_S24	J11-29	SZG_PORTC_S24
MC3	111	B13	B67_L4N_N7	40.744	J11-30	SZG_PORTC_S25	J11-30	SZG_PORTC_S25
MC3	112	L15	B67_L22P_N6	39.437	J11-27	SZG_PORTC_S22	J11-27	SZG_PORTC_S22
MC3	113	A15	B67_L3P_N4	36.819	J11-28	SZG_PORTC_S23	J11-28	SZG_PORTC_S23
MC3	114	K15	B67_L22N_N7	39.429	J11-25	SZG_PORTC_S20	J11-25	SZG_PORTC_S20
MC3	115	A14	B67_L3N_N5	36.984	J11-26	SZG_PORTC_S21	J11-26	SZG_PORTC_S21
MC3	116	C14	B67_T0U_N12	34.302	J11-23	SZG_PORTC_S18	J11-23	SZG_PORTC_S18
MC3	117	B16	B67_L2P_N2	40.251	J11-24	SZG_PORTC_S19	J11-24	SZG_PORTC_S19
MC3	118	E13	B67_T1U_N12	34.472	J11-21	SZG_PORTC_S16	J11-21	SZG_PORTC_S16
MC3	119	B15	B67_L2N_N3	40.417	J11-22	SZG_PORTC_S17	J11-22	SZG_PORTC_S17
MC3	120					VCC_PSBATT		VCC_PSBATT

Connector	Pin	FPGA Pin	Pin Description	Rev AXX PCB Length (mm)	BRK1900-AXX	BRK1900-AXX Net	BRK1900-BXX	BRK1900-BXX Net
MC3	121	A17	B67_L1P_N0	40.472	J11-18	SZG_PORTC_S13_D7P	J11-18	SZG_PORTC_S13_D7P
MC3	122	J16	B67_L20P_N2	43.861	J11-13	SZG_PORTC_S8_D4P	J11-13	SZG_PORTC_S8_D4P
MC3	123	A16	B67_L1N_N1	40.267	J11-20	SZG_PORTC_S15_D7N	J11-20	SZG_PORTC_S15_D7N
MC3	124	J15	B67_L20N_N3	43.947	J11-15	SZG_PORTC_S10_D4N	J11-15	SZG_PORTC_S10_D4N
MC3	125	D17	B67_L8P_N2	43.128	J11-14	SZG_PORTC_S9_D5P	J11-14	SZG_PORTC_S9_D5P
MC3	126	G15	B67_L14P_N2	39.625	J11-5	SZG_PORTC_S0_D0P	J11-5	SZG_PORTC_S0_D0P
MC3	127	C17	B67_L8N_N3	43.534	J11-16	SZG_PORTC_S11_D5N	J11-16	SZG_PORTC_S11_D5N
MC3	128	F15	B67_L14N_N3	39.535	J11-7	SZG_PORTC_S2_D0N	J11-7	SZG_PORTC_S2_D0N
MC3	129	G14	B67_L10P_N6	48.692	J11-10	SZG_PORTC_S5_D3P	J11-10	SZG_PORTC_S5_D3P
MC3	130	L17	B67_L24P_N10	46.008	J11-9	SZG_PORTC_S4_D2P	J11-9	SZG_PORTC_S4_D2P
MC3	131	F13	B67_L10N_N7	48.739	J11-12	SZG_PORTC_S7_D3N	J11-12	SZG_PORTC_S7_D3N
MC3	132	L16	B67_L24N_N11	46.219	J11-11	SZG_PORTC_S6_D2N	J11-11	SZG_PORTC_S6_D2N
MC3	133	H19	B67_L15P_N4	46.595	J11-6	SZG_PORTC_S1_D1P	J11-6	SZG_PORTC_S1_D1P
MC3	134	F17	B67_L13P_N0	41.367	J11-33	SZG_PORTC_P2C_CLKP	J11-33	SZG_PORTC_P2C_CLKP
MC3	135	G19	B67_L15N_N5	46.545	J11-8	SZG_PORTC_S3_D1N	J11-8	SZG_PORTC_S3_D1N
MC3	136	F16	B67_L13N_N1	41.413	J11-35	SZG_PORTC_P2C_CLKN	J11-35	SZG_PORTC_P2C_CLKN
MC3	137	D16	B67_L7P_N0	46.612	J11-17	SZG_PORTC_S12_D6P	J11-17	SZG_PORTC_S12_D6P
MC3	138	J20	B67_T3U_N12	44.683	J6-20	SZG_PORTE_S5	J6-20	SZG_PORTE_S5
MC3	139	C16	B67_L7N_N1	46.257	J11-19	SZG_PORTC_S14_D6N	J11-19	SZG_PORTC_S14_D6N
MC3	140	K19	B67_L23P_N8	48.004	J6-21	SZG_PORTE_S6	J6-21	SZG_PORTE_S6
MC3	141	J19	B67_T2U_N12	47.641	J6-14	SZG_PORTE_S0	J6-14	SZG_PORTE_S0
MC3	142	K18	B67_L23N_N9	47.962	J6-22	SZG_PORTE_S7	J6-22	SZG_PORTE_S7
MC3	143	E15	B67_L12P_N10	51.168	J6-33	SZG_PORTE_P2C_CLKP	J6-33	SZG_PORTE_P2C_CLKP
MC3	144	E18	B67_L9P_N4	41.703	J6-23	SZG_PORTE_S8	J6-23	SZG_PORTE_S8
MC3	145	E14	B67_L12N_N11	51.224	J6-35	SZG_PORTE_P2C_CLKN	J6-35	SZG_PORTE_P2C_CLKN
MC3	146	E17	B67_L9N_N5	41.319	J6-24	SZG_PORTE_S9	J6-24	SZG_PORTE_S9
MC3	147	L20	B67_L19P_N0	54.050	J6-18	SZG_PORTE_S3	J6-18	SZG_PORTE_S3
MC3	148	H18	B67_L16P_N6	49.491	J6-34	SZG_PORTE_C2P_CLKP	J6-34	SZG_PORTE_C2P_CLKP
MC3	149	K20	B67_L19N_N1	54.037	J6-19	SZG_PORTE_S4	J6-19	SZG_PORTE_S4
MC3	150	H17	B67_L16N_N7	49.597	J6-36	SZG_PORTE_C2P_CLKN	J6-36	SZG_PORTE_C2P_CLKN
MC3	151	G18	B67_L17P_N8	52.525		DISPLAYPORT_PS_SRC_AUX_P_C		DISPLAYPORT_PS_SRC_AUX_P_C
MC3	152	H16	B67_L18P_N10	48.720	J6-16	SZG_PORTE_S1	J6-16	SZG_PORTE_S1
MC3	153	F18	B67_L17N_N9	52.565		DISPLAYPORT_PS_SRC_AUX_N_C		DISPLAYPORT_PS_SRC_AUX_N_C

Connector	Pin	FPGA Pin	Pin Description	Rev AXX PCB Length (mm)	BRK1900-AXX	BRK1900-AXX Net	BRK1900-BXX	BRK1900-BXX Net
MC3	154	G16	B67_L18N_N11	49.928	J6-17	SZG_PORTE_S2	J6-17	SZG_PORTE_S2
MC3	155	K17	B67_L21P_N4	57.149				
MC3	156		NC					
MC3	157	J17	B67_L21N_N5	57.150		DISPLAYPORT_PS_SRC_HPD		DISPLAYPORT_PS_SRC_HPD
MC3	158				J1-39,J7-39	VCCO_28	J1-39,J7-39	VCCO_28
MC3	159		NC					
MC3	160		NC					
MC3	161		NC					
MC3	162					VREF_28		VREF_28
MC3	163		NC					
MC3	164		NC					
MC3	165		NC					
MC3	166					+3.3V		+3.3V
MC3	167		NC					
MC3	168					+3.3V		+3.3V
MC3	169		NC					
MC3	170		NC					
MC3	171					+VDCIN		+VDCIN
MC3	172					+VDCIN		+VDCIN
MC3	173					+VDCIN		+VDCIN
MC3	174					+VDCIN		+VDCIN
MC3	175					+VDCIN		+VDCIN
MC3	176					+VDCIN		+VDCIN
MC3	177					+VDCIN		+VDCIN
MC3	178					+VDCIN		+VDCIN
MC3	179					+VDCIN		+VDCIN
MC3	180					+VDCIN		+VDCIN