

Pin List: XEM7310MT

2020-09-30

Connector	Pin	FPGA Pin	Description	Length (mm)	BRK7310MT
MC1	1	W4	B34_L12N_MRCC	24.351	MC1A-1
MC1	2	R2	B34_L3N	29.499	MC1A-2
MC1	3	V4	B34_L12P_MRCC	25.125	MC1A-3
MC1	4	R3	B34_L3P	29.5	MC1A-4
MC1	5	V2	B34_L2N	20.999	MC1A-5
MC1	6	Y1	B34_L5N	22.572	MC1A-6
MC1	7	U2	B34_L2P	19.236	MC1A-7
MC1	8	W1	B34_L5P	24.199	MC1A-8
MC1	9	U1	B34_L1N	20.324	MC1A-9
MC1	10	AB1	B34_L7N	20.34	MC1A-10
MC1	11	T1	B34_L1P	19.946	MC1A-11
MC1	12	AA1	B34_L7P	20.656	MC1A-12
MC1	13	Y2	B34_L4N	17.632	MC1A-13
MC1	14	AA3	B34_L9N	22.045	MC1A-14
MC1	15	W2	B34_L4P	17.172	MC1A-15
MC1	16	Y3	B34_L9P	21.758	MC1A-16
MC1	17	V3	B34_L6N	19.277	MC1A-17
MC1	18	AB5	B34_L10N	20.569	MC1A-18
MC1	19	U3	B34_L6P	19.592	MC1A-19
MC1	20	AA5	B34_L10P	20.885	MC1A-20
MC1	21	V5	B34_L16N	19.037	MC1A-21
MC1	22	AB2	B34_L8N	21.393	MC1A-22
MC1	23	U6	B34_L16P	18.893	MC1A-23
MC1	24	AB3	B34_L8P	21.392	MC1A-24
MC1	25	AA6	B34_L18N	16.604	MC1A-25
MC1	26	AA4	B34_L11N_SRCC	23.13	MC1A-26
MC1	27	Y6	B34_L18P	16.919	MC1A-27
MC1	28	Y4	B34_L11P_SRCC	22.905	MC1A-28
MC1	29	W7	B34_L19N	18.832	MC1A-29
MC1	30	T4	B34_L13N_MRCC	28.248	MC1A-30
MC1	31	V7	B34_L19P	18.607	MC1A-31

Connector	Pin	FPGA Pin	Description	Length (mm)	BRK7310MT
MC1	32	R4	B34_L13P_MRCC	28.564	MC1A-32
MC1	33	W5	B34_L15N	19.064	MC1A-33
MC1	34	AB8	B34_L22N	21.608	MC1A-34
MC1	35	W6	B34_L15P	19.753	MC1A-35
MC1	36	AA8	B34_L22P	21.582	MC1A-36
MC1	37	V8	B34_L21N	19.478	MC1A-37
MC1	38	U5	B34_L14N_SRCC	28.619	MC1A-38
MC1	39	V9	B34_L21P	19.478	MC1A-39
MC1	40	T5	B34_L14P_SRCC	28.496	MC1A-40
MC1	41	Y9	B34_L24N	20.667	MC1B-1
MC1	42	AB6	B34_L20N	26.5	MC1B-2
MC1	43	W9	B34_L24P	20.983	MC1B-3
MC1	44	AB7	B34_L20P	24.861	MC1B-4
MC1	45	T6	B34_L17N	28.761	MC1B-5
MC1	46	AB13	B13_L3N	24.398	MC1B-6
MC1	47	R6	B34_L17P	28.706	MC1B-7
MC1	48	AA13	B13_L3P	25.344	MC1B-8
MC1	49	Y7	B34_L23N	25.509	MC1B-9
MC1	50	AA14	B13_L5N	25.467	MC1B-10
MC1	51	Y8	B34_L23P	25.917	MC1B-11
MC1	52	Y13	B13_L5P	26.171	MC1B-12
MC1	53	T3	B34_IO_0	36.393	MC1B-13
MC1	54	W16	B13_L16N	28.662	MC1B-14
MC1	55	U7	B34_IO_25	30.808	MC1B-15
MC1	56	W15	B13_L16P	28.51	MC1B-16
MC1	57	AB17	B13_L2N	21.579	MC1B-17
MC1	58	AB15	B13_L4N	25.334	MC1B-18
MC1	59	AB16	B13_L2P	20.149	MC1B-19
MC1	60	AA15	B13_L4P	24.906	MC1B-20
MC1	61	AA16	B13_L1N	20.902	MC1B-21
MC1	62	F14	B16_L1N	47.727	MC1B-22
MC1	63	Y16	B13_L1P	21.217	MC1B-23
MC1	64	F13	B16_L1P	47.919	MC1B-24
MC1	65	Y17	B13_IO_0	20.832	MC1B-25

Connector	Pin	FPGA Pin	Description	Length (mm)	BRK7310MT
MC1	66	F15	B16_IO_0	45.802	MC1B-26
MC1	67				MC1B-27
MC1	68	AB11	SYS_CLK_MC1	31.199	MC1B-28
MC1	69				MC1B-29
MC1	70	L10	XADC_VP	45.713	MC1B-30
MC1	71				MC1B-31
MC1	72	M9	XADC_VN	44.984	MC1B-32
MC1	73				MC1B-33
MC1	74				MC1B-34
MC1	75				MC1B-35
MC1	76				MC1B-36
MC1	77				MC1B-37
MC1	78				MC1B-38
MC1	79				MC1B-39
MC1	80				MC1B-40
MC2	1				MC2A-1
MC2	2				MC2A-2
MC2	3				MC2A-3
MC2	4				MC2A-4
MC2	5	V12	FPGA_TCK		J1-6
MC2	6				MC2A-6
MC2	7	T13	FPGA_TMS		J1-4
MC2	8	U13	FPGA_TDO		J1-8
MC2	9	R13	FPGA_TDI		J1-10
MC2	10	AB12	SYS_CLK_MC2	55.098	MC2A-10
MC2	11	E13	B16_L4P	30.947	MC2A-11
MC2	12	C14	B16_L3P	31.278	MC2A-12
MC2	13	E14	B16_L4N	31.446	MC2A-13
MC2	14	C15	B16_L3N	30.966	MC2A-14
MC2	15	F16	B16_L2P	27.34	MC2A-15
MC2	16	T14	B13_L15P	47.691	MC2A-16
MC2	17	E17	B16_L2N	26.865	MC2A-17
MC2	18	T15	B13_L15N	48.322	MC2A-18
MC2	19	T16	B13_L17P	40.968	MC2A-19

Connector	Pin	FPGA Pin	Description	Length (mm)	BRK7310MT
MC2	20	V13	B13_L13P_MRCC	50.768	MC2A-20
MC2	21	U16	B13_L17N	41.284	MC2A-21
MC2	22	V14	B13_L13N_MRCC	50.679	MC2A-22
MC2	23	U15	B13_L14P_SRCC	44.225	MC2A-23
MC2	24	W14	B13_L6P	51.203	MC2A-24
MC2	25	V15	B13_L14N_SRCC	43.865	MC2A-25
MC2	26	Y14	B13_L6N	51.518	MC2A-26
MC2	27	P6	B35_L24P	37.824	MC2A-27
MC2	28	Y11	B13_L11P_SRCC	51.935	MC2A-28
MC2	29	N5	B35_L24N	37.409	MC2A-29
MC2	30	Y12	B13_L11N_SRCC	51.662	MC2A-30
MC2	31	P5	B35_L21P	36.861	MC2A-31
MC2	32	N4	B35_L19P	42.922	MC2A-32
MC2	33	P4	B35_L21N	37.299	MC2A-33
MC2	34	N3	B35_L19N	42.564	MC2A-34
MC2	35	P2	B35_L22P	38.363	MC2A-35
MC2	36	R1	B35_L20P	43.874	MC2A-36
MC2	37	N2	B35_L22N	38.671	MC2A-37
MC2	38	P1	B35_L20N	45.419	MC2A-38
MC2	39	L6	B35_IO_25	29.873	MC2A-39
MC2	40	F4	B35_IO_0	35.955	MC2A-40
MC2	41	L5	B35_L18P	30.263	MC2B-1
MC2	42	M6	B35_L23P	35.355	MC2B-2
MC2	43	L4	B35_L18N	30.702	MC2B-3
MC2	44	M5	B35_L23N	35.356	MC2B-4
MC2	45	K6	B35_L17P	25.137	MC2B-5
MC2	46	J5	B35_L10P	30.236	MC2B-6
MC2	47	J6	B35_L17N	25.56	MC2B-7
MC2	48	H5	B35_L10N	29.922	MC2B-8
MC2	49	M3	B35_L16P	30.075	MC2B-9
MC2	50	K4	B35_L13P_MRCC	31.887	MC2B-10
MC2	51	M2	B35_L16N	30.075	MC2B-11
MC2	52	J4	B35_L13N_MRCC	31.828	MC2B-12
MC2	53	F3	B35_L6P	21.048	MC2B-13

Connector	Pin	FPGA Pin	Description	Length (mm)	BRK7310MT
MC2	54	E2	B35_L4P	26.21	MC2B-14
MC2	55	E3	B35_L6N	21.635	MC2B-15
MC2	56	D2	B35_L4N	25.894	MC2B-16
MC2	57	H4	B35_L12P_MRCC	22.165	MC2B-17
MC2	58	L3	B35_L14P_SRCC	32.399	MC2B-18
MC2	59	G4	B35_L12N_MRCC	21.851	MC2B-19
MC2	60	K3	B35_L14N_SRCC	32.523	MC2B-20
MC2	61	C2	B35_L2P	16.815	MC2B-21
MC2	62	H3	B35_L11P_SRCC	27.173	MC2B-22
MC2	63	B2	B35_L2N	16.894	MC2B-23
MC2	64	G3	B35_L11N_SRCC	26.857	MC2B-24
MC2	65	H2	B35_L8P	21.184	MC2B-25
MC2	66	B1	B35_L1P	21.287	MC2B-26
MC2	67	G2	B35_L8N	20.87	MC2B-27
MC2	68	A1	B35_L1N	20.972	MC2B-28
MC2	69	K1	B35_L7P	22.939	MC2B-29
MC2	70	E1	B35_L3P	24.752	MC2B-30
MC2	71	J1	B35_L7N	23.074	MC2B-31
MC2	72	D1	B35_L3N	24.892	MC2B-32
MC2	73	G1	B35_L5P	21.881	MC2B-33
MC2	74	M1	B35_L15P	31.813	MC2B-34
MC2	75	F1	B35_L5N	21.566	MC2B-35
MC2	76	L1	B35_L15N	32.124	MC2B-36
MC2	77				MC2B-37
MC2	78	K2	B35_L9P	32.075	MC2B-38
MC2	79				MC2B-39
MC2	80	J2	B35_L9N	32.292	MC2B-40
MC3	1	A8	MGTPRXN0	16.971	SFP2_RX_N
MC3	2	A4	MGTPTXN0	18.688	SFP2_TX_N
MC3	3	B8	MGTPRXP0	16.971	SFP2_RX_P
MC3	4	B4	MGTPTXP0	18.692	SFP2_TX_P
MC3	5				
MC3	6				
MC3	7	C11	MGTPRXN1	25.302	SFP1_RX_N

Connector	Pin	FPGA Pin	Description	Length (mm)	BRK7310MT
MC3	8	C5	MGTPTXN1	20.102	SFP1_TX_N
MC3	9	D11	MGTPRXP1	25.301	SFP1_RX_P
MC3	10	D5	MGTPTXP1	20.098	SFP1_TX_P
MC3	11				
MC3	12				
MC3	13	A10	MGTPRXN2	22.819	SATA_2_TXB-
MC3	14	A6	MGTPTXN2	24.166	SATA_2_TXA-
MC3	15	B10	MGTPRXP2	22.819	SATA_2_TXB+
MC3	16	B6	MGTPTXP2	24.166	SATA_2_TXA+
MC3	17				
MC3	18				
MC3	19	C9	MGTPRXN3	21.84	SATA_1_TXB-
MC3	20	C7	MGTPTXN3	24.763	SATA_1_TXA-
MC3	21	D9	MGTPRXP3	21.86	SATA_1_TXB+
MC3	22	D7	MGTPTXP3	24.763	SATA_1_TXA+
MC3	23				
MC3	24				
MC3	25				
MC3	26				
MC3	27				
MC3	28				
MC3	29				
MC3	30				
MC3	31				
MC3	32				
MC3	33				
MC3	34				
MC3	35				
MC3	36				
MC3	37	E10	MGTREFCLK1N	27.581	SMA-J3
MC3	38	E6	MGTREFCLK0N	27.107	SMA-J4
MC3	39	F10	MGTREFCLK1P	27.583	SMA-J5
MC3	40	F6	MGTREFCLK0P	27.422	SMA-J6