

Pin List: XEM7360

2024-12-07

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC1	1	B17	IO_L3P_T0_DQS_AD1P_15	L3P_T0_DQS_AD1P_15	37.927	125.193	151.089	15	J1A-1
MC1	2	C19	IO_L4P_T0_AD9P_15	L4P_T0_AD9P_15	38.643	115.389	155.065	15	J1A-3
MC1	3	A17	IO_L3N_T0_DQS_AD1N_15	L3N_T0_DQS_AD1N_15	37.969	127.851	155.737	15	J1A-2
MC1	4	B19	IO_L4N_T0_AD9N_15	L4N_T0_AD9N_15	38.612	129.011	158.444	15	J1A-4
MC1	5								
MC1	6								
MC1	7	G17	IO_L11P_T1_SRCC_AD12P_15	L11P_T1_SRCC_AD12P_15	37.454	90.797	135.618	15	J1A-5
MC1	8	A18	IO_L2P_T0_AD8P_15	L2P_T0_AD8P_15	38.715	138.337	156.513	15	J1A-7
MC1	9	F18	IO_L11N_T1_SRCC_AD12N_15	L11N_T1_SRCC_AD12N_15	37.386	88.048	137.800	15	J1A-6
MC1	10	A19	IO_L2N_T0_AD8N_15	L2N_T0_AD8N_15	38.562	134.306	157.192	15	J1A-8
MC1	11								
MC1	12								
MC1	13	G19	IO_L16P_T2_A28_15	L16P_T2_A28_15	38.641	88.278	137.122	15	J1A-9
MC1	14	E15	IO_L10P_T1_AD4P_15	L10P_T1_AD4P_15	38.628	129.548	175.840	15	J1A-11
MC1	15	F20	IO_L16N_T2_A27_15	L16N_T2_A27_15	38.622	86.947	134.251	15	J1A-10
MC1	16	E16	IO_L10N_T1_AD4N_15	L10N_T1_AD4N_15	38.749	132.794	172.286	15	J1A-12
MC1	17								
MC1	18								
MC1	19	F19	IO_L17P_T2_A26_15	L17P_T2_A26_15	38.650	99.930	168.342	15	J1A-13
MC1	20	H19	IO_L18P_T2_A24_15	L18P_T2_A24_15	38.610	87.473	135.313	15	J1A-15
MC1	21	E20	IO_L17N_T2_A25_15	L17N_T2_A25_15	38.627	101.389	157.226	15	J1A-14
MC1	22	G20	IO_L18N_T2_A23_15	L18N_T2_A23_15	38.633	88.008	135.438	15	J1A-16
MC1	23								
MC1	24								
MC1	25	F17	IO_L12P_T1_MRCC_AD5P_15	L12P_T1_MRCC_AD5P_15	38.819	96.662	160.497	15	J1A-17
MC1	26	C17	IO_L5P_T0_AD2P_15	L5P_T0_AD2P_15	38.664	112.061	140.487	15	J1A-19
MC1	27	E17	IO_L12N_T1_MRCC_AD5N_15	L12N_T1_MRCC_AD5N_15	38.673	99.256	160.575	15	J1A-18
MC1	28	C18	IO_L5N_T0_AD2N_15	L5N_T0_AD2N_15	38.589	122.670	141.359	15	J1A-20
MC1	29	K15	IO_0_15	IO_0_15	38.969	47.678	74.860	15	J1B-9
MC1	30	D15	IO_L6P_T0_15	L6P_T0_15	38.656	125.409	169.027	15	J1B-10

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC1	31	L19	IO_L21P_T3_DQS_15	L21P_T3_DQS_15	38.707	60.862	117.596	15	J1A-21
MC1	32	C16	IO_L1P_T0_AD0P_15	L1P_T0_AD0P_15	38.122	105.465	140.897	15	J1A-23
MC1	33	L20	IO_L21N_T3_DQS_A18_15	L21N_T3_DQS_A18_15	38.586	58.181	118.539	15	J1A-22
MC1	34	B16	IO_L1N_T0_AD0N_15	L1N_T0_AD0N_15	38.081	115.376	148.071	15	J1A-24
MC1	35	M17	IO_L23P_T3_FOE_B_15	L23P_T3_FOE_B_15	37.522	55.691	88.767	15	J1B-11
MC1	36	K20	IO_L19P_T3_A22_15	L19P_T3_A22_15	36.153	63.239	112.888	15	J1B-12
MC1	37	J18	IO_L20P_T3_A20_15	L20P_T3_A20_15	38.821	84.637	83.982	15	J1A-25
MC1	38	H17	IO_L14P_T2_SRCC_15	L14P_T2_SRCC_15	38.629	86.964	137.993	15	J1A-27
MC1	39	J19	IO_L20N_T3_A19_15	L20N_T3_A19_15	38.722	83.627	91.709	15	J1A-26
MC1	40	H18	IO_L14N_T2_SRCC_15	L14N_T2_SRCC_15	38.657	86.415	139.313	15	J1A-28
MC1	41	L18	IO_L23N_T3_FWE_B_15	L23N_T3_FWE_B_15	35.664	53.878	83.139	15	J1B-13
MC1	42	K18	IO_L24N_T3_RS0_15	L24N_T3_RS0_15	38.799	59.734	103.335	15	J1B-14
MC1	43	G15	IO_L8P_T1_AD3P_15	L8P_T1_AD3P_15	38.608	125.702	159.724	15	J1A-29
MC1	44	D19	IO_L15P_T2_DQS_15	L15P_T2_DQS_15	38.587	120.872	171.388	15	J1A-31
MC1	45	F15	IO_L8N_T1_AD3N_15	L8N_T1_AD3N_15	38.535	127.566	163.548	15	J1A-30
MC1	46	D20	IO_L15N_T2_DQS_ADV_B_15	L15N_T2_DQS_ADV_B_15	38.665	118.983	168.557	15	J1A-32
MC1	47	L17	IO_L24P_T3_RS1_15	L24P_T3_RS1_15	36.473	48.319	86.424	15	J1B-15
MC1	48	M16	IO_25_15	IO_25_15	38.855	39.050	156.679	15	J1B-16
MC1	49	H16	IO_L7P_T1_AD10P_15	L7P_T1_AD10P_15	38.028	103.691	128.994	15	J1A-33
MC1	50	E18	IO_L13P_T2_MRCC_15	L13P_T2_MRCC_15	38.680	116.784	174.999	15	J1A-35
MC1	51	G16	IO_L7N_T1_AD10N_15	L7N_T1_AD10N_15	37.951	93.502	132.571	15	J1A-34
MC1	52	D18	IO_L13N_T2_MRCC_15	L13N_T2_MRCC_15	38.720	120.916	174.294	15	J1A-36
MC1	53								
MC1	54								
MC1	55	K16	IO_L22P_T3_A17_15	L22P_T3_A17_15	38.538	46.178	87.228	15	J1A-37
MC1	56	J15	IO_L9P_T1_DQS_AD11P_15	L9P_T1_DQS_AD11P_15	38.799	98.974	137.995	15	J1A-39
MC1	57	K17	IO_L22N_T3_A16_15	L22N_T3_A16_15	38.638	50.652	86.879	15	J1A-38
MC1	58	J16	IO_L9N_T1_DQS_AD11N_15	L9N_T1_DQS_AD11N_15	38.749	97.915	139.325	15	J1A-40
MC1	59		VCCO_16,VCCO_15						J1B-19
MC1	60		VCCO_16,VCCO_15						J1B-20
MC1	61	E11	IO_L14P_T2_SRCC_16	L14P_T2_SRCC_16	38.561	107.049	167.095	16	J1C-1
MC1	62	H14	IO_L5P_T0_16	L5P_T0_16	38.680	104.254	153.796	16	J1C-3
MC1	63	D11	IO_L14N_T2_SRCC_16	L14N_T2_SRCC_16	38.047	110.252	169.374	16	J1C-2

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC1	64	G14	IO_L5N_T0_16	L5N_T0_16	38.852	104.476	152.432	16	J1C-4
MC1	65								
MC1	66								
MC1	67	J13	IO_L3P_T0_DQS_16	L3P_T0_DQS_16	38.051	115.621	164.966	16	J1C-5
MC1	68	G12	IO_L16P_T2_16	L16P_T2_16	38.597	91.505	158.698	16	J1C-7
MC1	69	H13	IO_L3N_T0_DQS_16	L3N_T0_DQS_16	38.089	116.137	163.393	16	J1C-6
MC1	70	F12	IO_L16N_T2_16	L16N_T2_16	38.695	91.236	157.324	16	J1C-8
MC1	71								
MC1	72								
MC1	73	D14	IO_L17P_T2_16	L17P_T2_16	38.811	111.711	188.440	16	J1C-9
MC1	74	F14	IO_L15P_T2_DQS_16	L15P_T2_DQS_16	38.634	102.751	192.970	16	J1C-11
MC1	75	D13	IO_L17N_T2_16	L17N_T2_16	38.827	112.004	186.744	16	J1C-10
MC1	76	F13	IO_L15N_T2_DQS_16	L15N_T2_DQS_16	38.680	103.497	190.444	16	J1C-12
MC1	77								
MC1	78								
MC1	79	E13	IO_L18P_T2_16	L18P_T2_16	38.738	91.848	158.492	16	J1C-13
MC1	80	B12	IO_L20P_T3_16	L20P_T3_16	38.726	138.831	175.131	16	J1C-15
MC1	81	E12	IO_L18N_T2_16	L18N_T2_16	38.723	101.581	157.487	16	J1C-14
MC1	82	B11	IO_L20N_T3_16	L20N_T3_16	38.679	129.824	176.153	16	J1C-16
MC1	83								
MC1	84								
MC1	85	E10	IO_L12P_T1_MRCC_16	L12P_T1_MRCC_16	38.800	132.277	202.332	16	J1C-17
MC1	86	C12	IO_L13P_T2_MRCC_16	L13P_T2_MRCC_16	38.633	136.348	177.199	16	J1C-19
MC1	87	D10	IO_L12N_T1_MRCC_16	L12N_T1_MRCC_16	38.739	130.903	197.956	16	J1C-18
MC1	88	C11	IO_L13N_T2_MRCC_16	L13N_T2_MRCC_16	38.574	133.516	177.079	16	J1C-20
MC1	89	J8	IO_0_16	IO_0_16	37.972	111.780	197.202	16	J1D-9
MC1	90	B15	IO_L23P_T3_16	L23P_T3_16	35.464	126.855	185.783	16	J1D-10
MC1	91	D9	IO_L8P_T1_16	L8P_T1_16	38.746	129.355	184.304	16	J1C-21
MC1	92	B14	IO_L21P_T3_DQS_16	L21P_T3_DQS_16	38.643	134.068	187.649	16	J1C-23
MC1	93	D8	IO_L8N_T1_16	L8N_T1_16	38.719	138.226	194.191	16	J1C-22
MC1	94	A14	IO_L21N_T3_DQS_16	L21N_T3_DQS_16	38.735	134.774	186.175	16	J1C-24
MC1	95	A13	IO_L24P_T3_16	L24P_T3_16	36.876	165.957	183.529	16	J1D-11
MC1	96	A15	IO_L23N_T3_16	L23N_T3_16	38.935	132.100	181.635	16	J1D-12

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC1	97	F9	IO_L7P_T1_16	L7P_T1_16	38.675	155.856	179.945	16	J1C-25
MC1	98	G11	IO_L11P_T1_SRCC_16	L11P_T1_SRCC_16	38.749	110.993	179.606	16	J1C-27
MC1	99	F8	IO_L7N_T1_16	L7N_T1_16	38.683	147.513	181.359	16	J1C-26
MC1	100	F10	IO_L11N_T1_SRCC_16	L11N_T1_SRCC_16	38.697	111.180	177.938	16	J1C-28
MC1	101	A12	IO_L24N_T3_16	L24N_T3_16	38.792	169.086	181.920	16	J1D-13
MC1	102	J14	IO_25_16	IO_25_16	38.692	100.170	126.177	16	J1D-14
MC1	103	J11	IO_L4P_T0_16	L4P_T0_16	38.848	103.237	195.197	16	J1C-29
MC1	104	B10	IO_L22P_T3_16	L22P_T3_16	38.579	128.736	186.150	16	J1C-31
MC1	105	J10	IO_L4N_T0_16	L4N_T0_16	38.801	105.295	197.679	16	J1C-30
MC1	106	A10	IO_L22N_T3_16	L22N_T3_16	38.727	141.736	187.552	16	J1C-32
MC1	107	H12	IO_L6P_T0_16	L6P_T0_16	38.681	105.359	182.518	16	J1D-15
MC1	108	C14	IO_L19P_T3_16	L19P_T3_16	38.800	122.173	174.749	16	J1D-16
MC1	109	G10	IO_L2P_T0_16	L2P_T0_16	38.677	103.962	153.784	16	J1C-33
MC1	110	C9	IO_L10P_T1_16	L10P_T1_16	38.747	137.285	180.890	16	J1C-35
MC1	111	G9	IO_L2N_T0_16	L2N_T0_16	38.714	104.459	154.912	16	J1C-34
MC1	112	B9	IO_L10N_T1_16	L10N_T1_16	38.760	149.364	187.368	16	J1C-36
MC1	113								
MC1	114								J1D-18
MC1	115	H9	IO_L1P_T0_16	L1P_T0_16	38.679	150.164	154.926	16	J1C-37
MC1	116	A9	IO_L9P_T1_DQS_16	L9P_T1_DQS_16	38.776	133.911	211.923	16	J1C-39
MC1	117	H8	IO_L1N_T0_16	L1N_T0_16	38.683	148.485	156.361	16	J1C-38
MC1	118	A8	IO_L9N_T1_DQS_16	L9N_T1_DQS_16	38.787	137.262	211.798	16	J1C-40
MC1	119		VCCO_16,VCCO_15						J1D-19
MC1	120		VCCO_16,VCCO_15						J1D-20
MC1	121	H2	MGTXXP3_115	MGTXXP3_115	37.231	92.759	98.181	115	SFP-J2 TXp
MC1	122	A4	MGTXXP3_116	MGTXXP3_116	37.370	97.092	107.997	116	J16 TXp
MC1	123	H1	MGTXXN3_115	MGTXXN3_115	37.250	92.985	98.126	115	SFP-J2 TXn
MC1	124	A3	MGTXXN3_116	MGTXXN3_116	37.370	97.421	108.470	116	J16 TXn
MC1	125								
MC1	126								
MC1	127	K2	MGTXXP2_115	MGTXXP2_115	37.489	91.121	81.732	115	SFP-J3 TXp
MC1	128	B2	MGTXXP2_116	MGTXXP2_116	37.387	106.764	123.805	116	J17 TXp
MC1	129	K1	MGTXXN2_115	MGTXXN2_115	37.501	91.506	81.629	115	SFP-J3 TXn

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC1	163	N4	MGTXRXP1_115	MGTXRXP1_115	42.880	84.367	64.961	115	J10
MC1	164	E4	MGTXRXP1_116	MGTXRXP1_116	43.192	90.970	96.977	116	J18 RXp
MC1	165	N3	MGTXRXN1_115	MGTXRXN1_115	42.949	84.669	65.236	115	J11
MC1	166	E3	MGTXRXN1_116	MGTXRXN1_116	43.184	91.086	97.060	116	J18 RXn
MC1	167								
MC1	168								
MC1	169	R4	MGTXRXP0_115	MGTXRXP0_115	43.353	91.270	65.858	115	J14
MC1	170	G4	MGTXRXP0_116	MGTXRXP0_116	43.295	84.910	85.237	116	J6
MC1	171	R3	MGTXRXN0_115	MGTXRXN0_115	43.355	91.312	66.071	115	J15
MC1	172	G3	MGTXRXN0_116	MGTXRXN0_116	43.293	84.814	85.544	116	J7
MC1	173								
MC1	174								
MC1	175								
MC1	176								
MC1	177								
MC1	178								
MC1	179								
MC1	180								
MC2	1	AE23	IO_L22P_T3_12	L22P_T3_12	37.393	127.470	91.233	12	J2A-1
MC2	2	U26	IO_L4P_T0_12	L4P_T0_12	37.730	101.964	108.272	12	J2A-3
MC2	3	AF23	IO_L22N_T3_12	L22N_T3_12	36.939	117.675	91.775	12	J2A-2
MC2	4	V26	IO_L4N_T0_12	L4N_T0_12	37.842	106.002	103.864	12	J2A-4
MC2	5								
MC2	6								
MC2	7	AC23	IO_L14P_T2_SRCC_12	L14P_T2_SRCC_12	36.786	99.139	75.847	12	J2A-5
MC2	8	V21	IO_L6P_T0_12	L6P_T0_12	37.262	66.128	65.769	12	J2A-7
MC2	9	AC24	IO_L14N_T2_SRCC_12	L14N_T2_SRCC_12	37.019	102.482	73.899	12	J2A-6
MC2	10	W21	IO_L6N_T0_VREF_12	L6N_T0_VREF_12	37.359	70.962	59.497	12	J2A-8
MC2	11								
MC2	12								
MC2	13	AF24	IO_L20P_T3_12	L20P_T3_12	37.417	134.071	91.808	12	J2A-9
MC2	14	W25	IO_L5P_T0_12	L5P_T0_12	36.331	97.808	92.418	12	J2A-11
MC2	15	AF25	IO_L20N_T3_12	L20N_T3_12	37.364	138.167	91.359	12	J2A-10

Connect or	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC2	16	W26	IO_L5N_T0_12	L5N_T0_12	37.207	108.939	97.517	12	J2A-12
MC2	17								
MC2	18								
MC2	19	Y25	IO_L10P_T1_12	L10P_T1_12	36.384	99.435	83.024	12	J2A-13
MC2	20	W23	IO_L8P_T1_12	L8P_T1_12	38.687	97.612	92.423	12	J2A-15
MC2	21	Y26	IO_L10N_T1_12	L10N_T1_12	36.389	108.311	94.268	12	J2A-14
MC2	22	W24	IO_L8N_T1_12	L8N_T1_12	38.701	97.855	84.023	12	J2A-16
MC2	23	Y20	IO_25_12	IO_25_12	37.195	61.890	53.088	12	J2B-7
MC2	24	AA22	IO_L13N_T2_MRCC_12	L13N_T2_MRCC_12	37.342	80.316	69.982	12	J2B-8
MC2	25	Y23	IO_L12P_T1_MRCC_12	L12P_T1_MRCC_12	38.062	97.877	66.877	12	J2A-17
MC2	26	AB21	IO_L18P_T2_12	L18P_T2_12	36.358	81.571	51.693	12	J2A-19
MC2	27	AA24	IO_L12N_T1_MRCC_12	L12N_T1_MRCC_12	38.004	98.531	70.328	12	J2A-18
MC2	28	AC21	IO_L18N_T2_12	L18N_T2_12	35.898	79.446	51.552	12	J2A-20
MC2	29	Y22	IO_L13P_T2_MRCC_12	L13P_T2_MRCC_12	37.330	79.587	70.808	12	J2B-9
MC2	30	V24	IO_L3N_T0_DQS_12	L3N_T0_DQS_12	36.339	92.771	81.753	12	J2B-10
MC2	31	AD26	IO_L21P_T3_DQS_12	L21P_T3_DQS_12	37.444	127.841	125.926	12	J2A-21
MC2	32	AA25	IO_L7P_T1_12	L7P_T1_12	37.240	112.847	81.431	12	J2A-23
MC2	33	AE26	IO_L21N_T3_DQS_12	L21N_T3_DQS_12	37.308	129.825	123.027	12	J2A-22
MC2	34	AB25	IO_L7N_T1_12	L7N_T1_12	37.253	121.267	89.756	12	J2A-24
MC2	35	U24	IO_L2P_T0_12	L2P_T0_12	37.414	84.914	107.164	12	J2B-11
MC2	36	U25	IO_L2N_T0_12	L2N_T0_12	37.494	96.183	106.724	12	J2B-12
MC2	37	AD25	IO_L23P_T3_12	L23P_T3_12	37.286	119.716	119.946	12	J2A-25
MC2	38	AA23	IO_L11P_T1_SRCC_12	L11P_T1_SRCC_12	37.114	114.243	75.676	12	J2A-27
MC2	39	AE25	IO_L23N_T3_12	L23N_T3_12	37.108	118.350	110.767	12	J2A-26
MC2	40	AB24	IO_L11N_T1_SRCC_12	L11N_T1_SRCC_12	37.040	117.531	80.420	12	J2A-28
MC2	41	V23	IO_L3P_T0_DQS_12	L3P_T0_DQS_12	36.537	90.043	79.438	12	J2B-13
MC2	42	V22	IO_L1N_T0_12	L1N_T0_12	37.157	77.096	72.380	12	J2B-14
MC2	43	AD23	IO_L16P_T2_12	L16P_T2_12	37.358	102.886	80.523	12	J2A-29
MC2	44	AB22	IO_L17P_T2_12	L17P_T2_12	37.272	84.794	68.514	12	J2A-31
MC2	45	AD24	IO_L16N_T2_12	L16N_T2_12	37.335	108.167	80.530	12	J2A-30
MC2	46	AC22	IO_L17N_T2_12	L17N_T2_12	37.228	88.251	59.980	12	J2A-32
MC2	47	U22	IO_L1P_T0_12	L1P_T0_12	36.808	78.086	74.294	12	J2B-15
MC2	48	U21	IO_0_12	IO_0_12	36.077	64.127	72.941	12	J2B-16

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC2	49	AD21	IO_L19P_T3_12	L19P_T3_12	37.316	95.704	91.046	12	J2A-33
MC2	50	W20	IO_L15P_T2_DQS_12	L15P_T2_DQS_12	36.404	76.537	62.323	12	J2A-35
MC2	51	AE21	IO_L19N_T3_VREF_12	L19N_T3_VREF_12	37.405	96.561	89.926	12	J2A-34
MC2	52	Y21	IO_L15N_T2_DQS_12	L15N_T2_DQS_12	36.392	74.954	60.705	12	J2A-36
MC2	53								
MC2	54								
MC2	55	AE22	IO_L24P_T3_12	L24P_T3_12	37.266	101.993	91.823	12	J2A-37
MC2	56	AB26	IO_L9P_T1_DQS_12	L9P_T1_DQS_12	37.908	128.836	95.541	12	J2A-39
MC2	57	AF22	IO_L24N_T3_12	L24N_T3_12	37.250	103.455	90.539	12	J2A-38
MC2	58	AC26	IO_L9N_T1_DQS_12	L9N_T1_DQS_12	36.593	131.897	97.876	12	J2A-40
MC2	59		VCCO_12						J2B-19
MC2	60		VCCO_12						J2B-20
MC2	61	AE17	IO_L1P_T0_32	L1P_T0_32	37.324	199.285	172.375	32	J2C-1
MC2	62	W18	IO_L21P_T3_DQS_32	L21P_T3_DQS_32	36.842	128.673	139.459	32	J2C-3
MC2	63	AF17	IO_L1N_T0_32	L1N_T0_32	37.354	191.558	168.816	32	J2C-2
MC2	64	W19	IO_L21N_T3_DQS_32	L21N_T3_DQS_32	37.732	127.539	136.495	32	J2C-4
MC2	65								
MC2	66								
MC2	67	AF19	IO_L5P_T0_32	L5P_T0_32	37.325	160.704	175.969	32	J2C-5
MC2	68	Y17	IO_L19P_T3_32	L19P_T3_32	37.056	141.080	137.727	32	J2C-7
MC2	69	AF20	IO_L5N_T0_32	L5N_T0_32	37.340	156.274	181.111	32	J2C-6
MC2	70	Y18	IO_L19N_T3_VREF_32	L19N_T3_VREF_32	37.116	142.466	130.788	32	J2C-8
MC2	71								
MC2	72								
MC2	73	AA17	IO_L11P_T1_SRCC_32	L11P_T1_SRCC_32	36.396	111.006	147.066	32	J2C-9
MC2	74	V16	IO_L20P_T3_32	L20P_T3_32	37.069	161.498	122.249	32	J2C-11
MC2	75	AA18	IO_L11N_T1_SRCC_32	L11N_T1_SRCC_32	37.215	110.887	148.288	32	J2C-10
MC2	76	V17	IO_L20N_T3_32	L20N_T3_32	37.082	150.501	125.112	32	J2C-12
MC2	77								
MC2	78								
MC2	79	AA14	IO_L7P_T1_32	L7P_T1_32	37.155	102.125	143.071	32	J2C-13
MC2	80	Y15	IO_L9P_T1_DQS_32	L9P_T1_DQS_32	36.923	113.175	145.409	32	J2C-15
MC2	81	AA15	IO_L7N_T1_32	L7N_T1_32	37.232	101.554	140.349	32	J2C-14

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC2	82	Y16	IO_L9N_T1_DQS_32	L9N_T1_DQS_32	37.013	113.439	148.712	32	J2C-16
MC2	83								
MC2	84								
MC2	85	AB16	IO_L12P_T1_MRCC_32	L12P_T1_MRCC_32	36.045	147.256	145.683	32	J2C-17
MC2	86	AC14	IO_L8P_T1_32	L8P_T1_32	37.303	114.591	138.091	32	J2C-19
MC2	87	AC16	IO_L12N_T1_MRCC_32	L12N_T1_MRCC_32	36.349	143.906	144.947	32	J2C-18
MC2	88	AD14	IO_L8N_T1_32	L8N_T1_32	37.237	129.444	140.778	32	J2C-20
MC2	89								
MC2	90	AD16	IO_L6P_T0_32	L6P_T0_32	37.129	151.636	150.500	32	J2D-10
MC2	91	AE18	IO_L3P_T0_DQS_32	L3P_T0_DQS_32	37.316	181.953	175.822	32	J2C-21
MC2	92	AD20	IO_L15P_T2_DQS_32	L15P_T2_DQS_32	37.097	156.233	172.214	32	J2C-23
MC2	93	AF18	IO_L3N_T0_DQS_32	L3N_T0_DQS_32	37.162	179.100	173.256	32	J2C-22
MC2	94	AE20	IO_L15N_T2_DQS_32	L15N_T2_DQS_32	37.178	152.730	168.954	32	J2C-24
MC2	95	W14	IO_L24N_T3_32	L24N_T3_32	37.179	115.275	105.925	32	J2D-11
MC2	96	W16	IO_L22N_T3_32	L22N_T3_32	37.196	117.205	114.122	32	J2D-12
MC2	97	AB17	IO_L14P_T2_SRCC_32	L14P_T2_SRCC_32	37.341	121.596	137.365	32	J2C-25
MC2	98	AC19	IO_L17P_T2_32	L17P_T2_32	37.803	151.015	174.716	32	J2C-27
MC2	99	AC17	IO_L14N_T2_SRCC_32	L14N_T2_SRCC_32	37.346	123.002	138.870	32	J2C-26
MC2	100	AD19	IO_L17N_T2_32	L17N_T2_32	37.364	134.671	167.390	32	J2C-28
MC2	101	V18	IO_L23P_T3_32	L23P_T3_32	37.323	122.815	135.407	32	J2D-13
MC2	102	V19	IO_L23N_T3_32	L23N_T3_32	37.315	125.201	135.220	32	J2D-14
MC2	103	AB14	IO_L10P_T1_32	L10P_T1_32	37.203	111.469	143.398	32	J2C-29
MC2	104	AC18	IO_L13P_T2_MRCC_32	L13P_T2_MRCC_32	36.426	146.226	154.500	32	J2C-31
MC2	105	AB15	IO_L10N_T1_32	L10N_T1_32	37.137	126.264	154.729	32	J2C-30
MC2	106	AD18	IO_L13N_T2_MRCC_32	L13N_T2_MRCC_32	36.162	143.070	154.187	32	J2C-32
MC2	107	V14	IO_L24P_T3_32	L24P_T3_32	37.346	116.803	104.337	32	J2D-15
MC2	108	W15	IO_L22P_T3_32	L22P_T3_32	36.565	118.066	106.436	32	J2D-16
MC2	109	AF14	IO_L2P_T0_32	L2P_T0_32	37.085	154.633	148.067	32	J2C-33
MC2	110	AB19	IO_L18P_T2_32	L18P_T2_32	37.326	139.665	142.729	32	J2C-35
MC2	111	AF15	IO_L2N_T0_32	L2N_T0_32	37.152	155.545	160.454	32	J2C-34
MC2	112	AB20	IO_L18N_T2_32	L18N_T2_32	37.323	150.232	148.945	32	J2C-36
MC2	113								
MC2	114		IO_L6N_T0_VREF_32						J2D-18

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC2	115	AD15	IO_L4P_T0_32	L4P_T0_32	36.081	154.805	147.744	32	J2C-37
MC2	116	AA19	IO_L16P_T2_32	L16P_T2_32	37.945	128.318	141.186	32	J2C-39
MC2	117	AE15	IO_L4N_T0_32	L4N_T0_32	36.609	154.258	154.997	32	J2C-38
MC2	118	AA20	IO_L16N_T2_32	L16N_T2_32	37.950	141.842	143.768	32	J2C-40
MC2	119		VCCO_32						J2D-19
MC2	120		VCCO_32						J2D-20
MC2	121		VCCO_13						J2E-1
MC2	122								J2E-2
MC2	123		VCCO_13						J2E-3
MC2	124								J2E-4
MC2	125		VCCO_13						J2E-5
MC2	126								J2E-6
MC2	127		VCCO_13						J2E-7
MC2	128								J2E-8
MC2	129								J2E-9
MC2	130								
MC2	131								J2E-11
MC2	132								
MC2	133								J2E-13
MC2	134								
MC2	135								J2E-15
MC2	136								
MC2	137								
MC2	138								
MC2	139								
MC2	140								
MC2	141								
MC2	142								
MC2	143								
MC2	144								
MC2	145								
MC2	146								
MC2	147	N12	VP_0	VP_0					J2E-17

Connector	Pin	FPGA Pin	Pin Attributes	Pin Description	PCB Length (mm)	K160T Package Delay (ps)	K410T Package Delay (ps)	I/O Bank	BRK7360
MC2	148	E8	VCCBATT_0						J2E-10
MC2	149	P11	VN_0	VN_0					J2E-19
MC2	150								
MC2	151								
MC2	152								
MC2	153								
MC2	154								
MC2	155								
MC2	156								
MC2	157								
MC2	158								
MC2	159								
MC2	160								
MC2	161								
MC2	162								
MC2	163								
MC2	164								
MC2	165								
MC2	166								
MC2	167								
MC2	168								
MC2	169								
MC2	170			IPMI_SDA					J2E-12
MC2	171								
MC2	172			IPMI_SCL					J2E-14
MC2	173								
MC2	174		VCCO_13						
MC2	175	N8	TMS_0	TMS_0					J21-4
MC2	176	L8	TCK_0	TCK_0					J21-6
MC2	177	R6	TDI_0	TDI_0					J21-10
MC2	178								
MC2	179	R7	TDO_0	TDO_0					J21-8
MC2	180			PRSENT_M2C					J2E-16