

XME7035		Product Name	JM1		Product Name	XME7035	
Pin Number	Signal Name	Pin Type	Outside	Inside	Pin Type	Signal Name	Pin Number
	VCCIN_5V	VIN_IO	1	2	VIN_IO	VCCIN_5V	
	VCCIN_5V	VIN_IO	3	4	VIN_IO	VCCIN_5V	
	VCCIN_5V	VIN_IO	5	6	VIN_IO	VCCIN_5V	
	VCCIN_5V	VIN_IO	7	8	VIN_IO	VCCIN_5V	
	VCCIN_5V	VIN_IO	9	10	VIN_IO	VCCIN_5V	
	VCCIN_5V	VIN_IO	11	12	VIN_IO	VCCIN_5V	
	VCCIN_5V	VIN_IO	13	14	VIN_IO	VCCIN_5V	
	PG_MOD	PG_MOD	15	16	PWR_EN	PWR_EN	
F24	MODE0	MODE0	17	18	SYS_NRST	SYS_NRST	
C26	MODE1	MODE1	19	20	OTG_NRST	MIO8	A24
	GND	GND	21	22	GND	GND	
W12	FPGA_TCK	FPGA_TCK	23	24	OTG_DIR	MIO29	E20
V11	FPGA_TDI	FPGA_TDI	25	26	OTG_DATA1	MIO33	E22
W10	FPGA_TDO	FPGA_TDO	27	28	OTG_DATA3	MIO35	D19
W11	FPGA_TMS	FPGA_TMS	29	30	OTG_DATA5	MIO37	D20
	GND	GND	31	32	GND	GND	
	ETH_MDIO_P	ETH_MDIO_P	33	34	OTG_NXT	MIO31	E21
	ETH_MDIO_N	ETH_MDIO_N	35	36	OTG_DATA6	MIO38	D21
	ETH_MDI1_P	ETH_MDI1_P	37	38	OTG_STP	MIO30	K19
	ETH_MDI1_N	ETH_MDI1_N	39	40	OTG_DATA2	MIO34	J16
	GND	GND	41	42	GND	GND	
	ETH_MDI2_P	ETH_MDI2_P	43	44	OTG_CLK	MIO36	K16
	ETH_MDI2_N	ETH_MDI2_N	45	46	OTG_DATA7	MIO39	C21
	ETH_MDI3_P	ETH_MDI3_P	47	48	OTG_DATA0	MIO32	K17
	ETH_MDI3_N	ETH_MDI3_N	49	50	OTG_DATA4	MIO28	J18
	PHY_LED2	PHY_LED0	51	52	SD_CLK	MIO40	C22
	PHY_LED1	PHY_LED1	53	54	SD_CMD	MIO41	C19
D23	UART_RX	UART_RX	55	56	SD_DATA0	MIO42	F17
C24	UART_TX	UART_TX	57	58	SD_DATA1	MIO43	D18
C18	MIO45	SD_DATA3	59	60	SD_DATA2	MIO44	E18
	GND	GND	61	62	GND	GND	
B17	B35_L15_P	IO_P	63	64	IO_P	B35_L18_P	K15
A17	B35_L15_N	IO_N	65	66	IO_N	B35_L18_N	J15
C17	B35_L7_P	IO_P	67	68	IO_P	B35_L17_P	E16
C16	B35_L7_N	IO_N	69	70	IO_N	B35_L17_N	D16
	GND	GND	71	72	GND	GND	
G16	B35_L6_P	IO_P	73	74	IO_P	B35_L4_P	B16
G15	B35_L6_N	IO_N	75	76	IO_N	B35_L4_N	B15
A15	B35_L5_P	IO_P	77	78	IO_P	B35_L23_P	C14
A14	B35_L5_N	IO_N	79	80	IO_N	B35_L23_N	B14
	GND	GND	81	82	GND	GND	
D15	B35_L13_MRCC_P	CLK_P	83	84	CLK_P	B35_L14_SRCC_P	F15
D14	B35_L13_MRCC_N	CLK_N	85	86	CLK_N	B35_L14_SRCC_N	E15
G14	B35_L11_SRCC_P	CLK_P	87	88	CLK_P	B35_L12_MRCC_P	J14
F14	B35_L11_SRCC_N	CLK_N	89	90	CLK_N	B35_L12_MRCC_N	H14
	GND	GND	91	92	GND	GND	
D13	B35_L21_P	IO_P	93	94	IO_P	B35_L8_P	K13
C13	B35_L21_N	IO_N	95	96	IO_N	B35_L8_N	J13
C12	B35_L3_P	IO_P	97	98	IO_P	B35_L16_P	A13
B12	B35_L3_N	IO_N	99	100	IO_N	B35_L16_N	A12
	GND	GND	101	102	GND	GND	
F13	B35_L10_P	IO_P	103	104	IO_P	B35_L2_P	C11
E13	B35_L10_N	IO_N	105	106	IO_N	B35_L2_N	B11
E10	B35_L22_P	IO_P	107	108	IO_P	B35_L9_P	G12
D10	B35_L22_N	IO_N	109	110	IO_N	B35_L9_N	G11
	GND	GND	111	112	GND	GND	
G10	B35_L19_P	IO_P	113	114	IO_P	B35_L20_P	E11
F10	B35_L19_N	IO_N	115	116	IO_N	B35_L20_N	D11
	VCCIO_35	VIN_IO	117	118	IO_P	B35_L24_P	H13
	VCCIO_35	VIN_IO	119	120	IO_N	B35_L24_N	H12

XME7035		Product Name	JM3		Product Name	XME7035	
Pin Number	Signal Name	Pin Type	Inside	Outside	Pin Type	Pin Number	Signal Name
	GND	GND	1	2	GND	GND	
AA24	B13_L1_P	IO_P	3	4	IO_P	B13_L17_P	AA25
AB24	B13_L1_N	IO_N	5	6	IO_N	B13_L17_N	AB25
AB21	B13_L2_P	IO_P	7	8	IO_P	B13_L6_P	AB26
AB22	B13_L2_N	IO_N	9	10	IO_N	B13_L6_N	AC26
	GND	GND	11	12	GND	GND	
AF24	B13_L3_P	IO_P	13	14	IO_P	B13_L15_P	AD25
AF25	B13_L3_N	IO_N	15	16	IO_N	B13_L15_N	AD26
AE23	B13_L4_P	IO_P	17	18	IO_P	B13_L16_P	AE25
AF23	B13_L4_N	IO_N	19	20	IO_N	B13_L16_N	AE26
	GND	GND	21	22	GND	GND	
AC21	B13_L11_SRCC_P	CLK_P	23	24	CLK_P	B13_L13_MRCC_P	AC23
AC22	B13_L11_SRCC_N	CLK_N	25	26	CLK_N	B13_L13_MRCC_N	AC24
AD20	B13_L12_MRCC_P	CLK_P	27	28	CLK_P	B13_L14_SRCC_P	AD23
AD21	B13_L12_MRCC_N	CLK_N	29	30	CLK_N	B13_L14_SRCC_N	AD24
	GND	GND	31	32	GND	GND	
AE20	B13_L7_P	IO_P	33	34	IO_P	B13_L18_P	AE22
AE21	B13_L7_N	IO_N	35	36	IO_N	B13_L18_N	AF22
AA19	B13_L8_P	IO_P	37	38	IO_P	B13_L20_P	AA22
AB19	B13_L8_N	IO_N	39	40	IO_N	B13_L20_N	AA23
	GND	GND	41	42	GND	GND	
W18	B13_L9_P	IO_P	43	44	IO_P	B13_L21_P	AA20
W19	B13_L9_N	IO_N	45	46	IO_N	B13_L21_N	AB20
AE18	B13_L10_P	IO_P	47	48	IO_P	B13_L22_P	AC18
AF18	B13_L10_N	IO_N	49	50	IO_N	B13_L22_N	AC19
	GND	GND	51	52	GND	GND	
Y18	B13_L5_P	IO_P	53	54	IO_P	B13_L23_P	AF19
AA18	B13_L5_N	IO_N	55	56	IO_N	B13_L23_N	AF20
	VCCIO_13	VIN_IO	57	58	IO_P	B13_L24_P	AD18
	VCCIO_13	VIN_IO	59	60	IO_N	B13_L24_N	AD19
	GND	GND	61	62	GND	GND	
AE16	B12_L1_P	IO_P	63	64	IO_P	B12_L17_P	Y17
AE15	B12_L1_N	IO_N	65	66	IO_N	B12_L17_N	AA17
AF15	B12_L2_P	IO_P	67	68	IO_P	B12_L6_P	AC17
AF14	B12_L2_N	IO_N	69	70	IO_N	B12_L6_N	AC16
	GND	GND	71	72	GND	GND	
AB17	B12_L3_P	IO_P	73	74	IO_P	B12_L15_P	AD16
AB16	B12_L3_N	IO_N	75	76	IO_N	B12_L15_N	AD15
W16	B12_L4_P	IO_P	77	78	IO_P	B12_L16_P	Y16
W15	B12_L4_N	IO_N	79	80	IO_N	B12_L16_N	Y15
	GND	GND	81	82	GND	GND	
AC12	B12_L11_SRCC_P	CLK_P	83	84	CLK_P	B12_L13_MRCC_P	AC14
AD11	B12_L11_SRCC_N	CLK_N	85	86	CLK_N	B12_L13_MRCC_N	AD14
AC13	B12_L12_MRCC_P	CLK_P	87	88	CLK_P	B12_L14_SRCC_P	AB15
AD13	B12_L12_MRCC_N	CLK_N	89	90	CLK_N	B12_L14_SRCC_N	AB14
	GND	GND	91	92	GND	GND	
AE11	B12_L7_P	IO_P	93	94	IO_P	B12_L19_P	AE12
AF10	B12_L7_N	IO_N	95	96	IO_N	B12_L19_N	AF12
AE10	B12_L8_P	IO_P	97	98	IO_P	B12_L20_P	AE13
AD10	B12_L8_N	IO_N	99	100	IO_N	B12_L20_N	AF13
	GND	GND	101	102	GND	GND	
AB12	B12_L9_P	IO_P	103	104	IO_P	B12_L21_P	AA15
AC11	B12_L9_N	IO_N	105	106	IO_N	B12_L21_N	AA14
AA13	B12_L10_P	IO_P	107	108	IO_P	B12_L22_P	Y12
AA12	B12_L10_N	IO_N	109	110	IO_N	B12_L22_N	Y11
	GND	GND	111	112	GND	GND	
W13	B12_L5_P	IO_P	113	114	IO_P	B12_L23_P	AB11
Y13	B12_L5_N	IO_N	115	116	IO_N	B12_L23_N	AB10
	VCCIO_12	VIN_IO	117	118	IO_P	B12_L24_P	Y10
	VCCIO_12	VIN_IO	119	120	IO_N	B12_L24_N	AA10

XME7035		Product Name	JM4		Product Name	XME7035	
Pin Number	Signal Name	Pin Type	Inside	Outside	Pin Type	Signal Name	Pin Number
	GND	GND	1	2	GND	GND	
		MGT_CLK_P	3	4	MGT_CLK_P		
		MGT_CLK_N	5	6	MGT_CLK_N		
	GND	GND	7	8	GND	GND	
		MGT_RX_P	9	10	MGT_TX_P		
		MGT_RX_N	11	12	MGT_TX_N		
	GND	GND	13	14		GND	
		MGT_RX_P	15	16	MGT_TX_P		
		MGT_RX_N	17	18	MGT_TX_N		
	GND	GND	19	20		GND	
		MGT_RX_P	21	22	MGT_TX_P		
		MGT_RX_N	23	24	MGT_TX_N		
	GND	GND	25	26		GND	
		MGT_RX_P	27	28	MGT_TX_P		
		MGT_RX_N	29	30	MGT_TX_N		
	GND	GND	31	32	GND	GND	
R6	MGT112_CLK0_P	MGT_CLK_P	33	34	MGT_CLK_P	MGT112_CLK1_P	U6
R5	MGT112_CLK0_N	MGT_CLK_N	35	36	MGT_CLK_N	MGT112_CLK1_N	U5
	GND	GND	37	38	GND	GND	
T4	MGT112_RX3_P	MGT_RX_P	39	40	MGT_TX_P	MGT112_TX3_P	R2
T3	MGT112_RX3_N	MGT_RX_N	41	42	MGT_TX_N	MGT112_TX3_N	R1
	GND	GND	43	44	GND	GND	
V4	MGT112_RX2_P	MGT_RX_P	45	46	MGT_TX_P	MGT112_TX2_P	U2
V3	MGT112_RX2_N	MGT_RX_N	47	48	MGT_TX_N	MGT112_TX2_N	U1
	GND	GND	49	50	GND	GND	
Y4	MGT112_RX1_P	MGT_RX_P	51	52	MGT_TX_P	MGT112_TX1_P	W2
Y3	MGT112_RX1_N	MGT_RX_N	53	54	MGT_TX_N	MGT112_TX1_N	W1
	GND	GND	55	56	GND	GND	
AB4	MGT112_RX0_P	MGT_RX_P	57	58	MGT_TX_P	MGT112_TX0_P	AA2
AB3	MGT112_RX0_N	MGT_RX_N	59	60	MGT_TX_N	MGT112_TX0_N	AA1
	GND	GND	61	62	GND	GND	
W6	MGT111_CLK0_P	MGT_CLK_P	63	64	MGT_CLK_P	MGT111_CLK1_P	AA6
W5	MGT111_CLK0_N	MGT_CLK_N	65	66	MGT_CLK_N	MGT111_CLK1_N	AA5
	GND	GND	67	68	GND	GND	
AD4	MGT111_RX3_P	MGT_RX_P	69	70	MGT_TX_P	MGT111_TX3_P	AC2
AD3	MGT111_RX3_N	MGT_RX_N	71	72	MGT_TX_N	MGT111_TX3_N	AC1
	GND	GND	73	74	GND	GND	
AC6	MGT111_RX2_P	MGT_RX_P	75	76	MGT_TX_P	MGT111_TX2_P	AE2
AC5	MGT111_RX2_N	MGT_RX_N	77	78	MGT_TX_N	MGT111_TX2_N	AE1
	GND	GND	79	80	GND	GND	
AE6	MGT111_RX1_P	MGT_RX_P	81	82	MGT_TX_P	MGT111_TX1_P	AF4
AE5	MGT111_RX1_N	MGT_RX_N	83	84	MGT_TX_N	MGT111_TX1_N	AF3
	GND	GND	85	86	GND	GND	
AD8	MGT111_RX0_P	MGT_RX_P	87	88	MGT_TX_P	MGT111_TX0_P	AF8
AD7	MGT111_RX0_N	MGT_RX_N	89	90	MGT_TX_N	MGT111_TX0_N	AF7
	GND	GND	91	92	GND	GND	
		MGT_CLK_P	93	94	MGT_CLK_P		
		MGT_CLK_N	95	96	MGT_CLK_N		
	GND	GND	97	98	GND	GND	
		MGT_RX_P	99	100	MGT_TX_P		
		MGT_RX_N	101	102	MGT_TX_N		
	GND	GND	103	104	GND	GND	
		MGT_RX_P	105	106	MGT_TX_P		
		MGT_RX_N	107	108	MGT_TX_N		
	GND	GND	109	110	GND	GND	
		MGT_RX_P	111	112	MGT_TX_P		
		MGT_RX_N	113	114	MGT_TX_N		
	GND	GND	115	116	GND	GND	
		MGT_RX_P	117	118	MGT_TX_P		
		MGT_RX_N	119	120	MGT_TX_N		