

FPGA Bank Voltages	
Module	TE0714
Bank	Value
14_HR	VCCIO (3.3V/1.8V)
15_HR	VCCIO15 (IM2-53)
34_HR	VCCIO34 (IM1-62)

Board-Module connecting plug pair									
Module: TE0714				Maping	Base Board: TEBA0714				
Connector: JM1					Connector: JM1				
Connector Pins: 100					Connector Pins: 100				
XDC-Export	FPGA Pin	Schem. Name	PIN Number		Pin Number2	Comp. Pin / Name	Side		
Yes	D5	MGT_CLK0_P	1	↔	213-15(C1)		1		
Yes	D6	MGT_CLK0_N	3	↔	413-16(C2)		1		
No	D5	GND	5	↔	6 GND		1		
Yes	B2	MGT_TX3_P	7	↔	811-18		1		
Yes	B1	MGT_TX3_N	9	↔	1011-19		1		
No		GND	11	↔	12 GND		1		
Yes	D2	MGT_TX2_P	13	↔	14 NC		1		
Yes	D1	MGT_TX2_N	15	↔	16 NC		1		
No		GND	17	↔	18 GND		1		
Yes	F2	MGT_TX1_P	19	↔	20 NC		1		
Yes	F1	MGT_TX1_N	21	↔	22 NC		1		
No		GND	23	↔	24 GND		1		
Yes	H2	MGT_TX0_P	25	↔	26 NC		1		
Yes	H1	MGT_TX0_N	27	↔	28 NC		1		
No		GND	29	↔	30 GND		1		
Yes	L5	B14_L0_P	31	↔	321-20-44		1		
Yes	M5	B14_L0_N	33	↔	341-20-43		1		
Yes	M2	B14_L7_P	35	↔	361-20-42		1		
Yes	M1	B14_L7_N	37	↔	381-20-41		1		
Yes	K2	B14_L3_P	39	↔	401-20-32		1		
Yes	K1	B14_L3_N	41	↔	421-20-31		1		
Yes	N1	B14_L9_P	43	↔	441-20-26		1		
Yes	P1	B14_L9_N	45	↔	461-20-25		1		
No		GND	47	↔	48 GND		1		
Yes	M6	B14_L8_P	49	↔	501-20-22		1		
Yes	N6	B14_L8_N	51	↔	521-20-21		1		
Yes	R2	B14_L13_P	53	↔	541-20-48		1		
Yes	R1	B14_L13_N	55	↔	561-20-47		1		
Yes	R3	B14_L14_P	57	↔	581-20-3		1		
Yes	T2	B14_L14_N	59	↔	601-20-4		1		
Yes	U1	B14_L15_N	61	↔	621-20-16		1		
Yes	U2	B14_L15_P	63	↔	641-20-15		1		
No		GND	65	↔	66 GND		1		
Yes	V2	B14_L16_N	67	↔	681-20-14		1		
Yes	V3	B14_L16_P	69	↔	701-20-13		1		
Yes	U4	B14_L18_P	71	↔	721-20-12		1		
Yes	V4	B14_L18_N	73	↔	741-20-11		1		
Yes	J5	B14_L20_N	75	↔	761-20-10		1		
Yes	J6	B14_L20_P	77	↔	781-20-9		1		
Yes	V7	B14_L24_N	79	↔	801-20-8		1		
Yes	V8	B14_L24_P	81	↔	821-20-7		1		
No		GND	83	↔	84 GND		1		
Yes	T9	TDI	85	↔	8613-10(X1)-10		1		
Yes	T8	TDO	87	↔	8813-8(X1)-8		1		
Yes	F8	TCX	89	↔	9013-4(X1)-4		1		
Yes	R8	RMS	91	↔	9213-12(X1)-12		1		
No		PROG_B	93	↔	9413-11(X1)-11		1		
No		DONE	95	↔	9613-3		1		
No		GND	97	↔	98 GND		1		
No		GND	99	↔	100 GND		1		
Yes	G4	MGT_RX3_P	2	↔	113-13		2		
Yes	G3	MGT_RX3_N	4	↔	111-12		2		
No		GND	6	↔	5 GND		2		
Yes	C4	MGT_RX2_P	8	↔	7 NC		2		
Yes	C3	MGT_RX2_N	10	↔	9 NC		2		
No		GND	12	↔	11 GND		2		
Yes	A4	MGT_RX1_P	14	↔	13 NC		2		
Yes	A3	MGT_RX1_N	16	↔	15 NC		2		
No		GND	18	↔	17 GND		2		
Yes	B4	MGT_RX0_P	20	↔	19 NC		2		
Yes	B3	MGT_RX0_N	22	↔	21 NC		2		
No		GND	24	↔	23 GND		2		
No		ADC_P	26	↔	2513-13(R3)		2		
No		ADC_N	28	↔	2713-14(R4)		2		
No		GND	30	↔	29 GND		2		
Yes	J5	B14_L2_P	32	↔	311-20-40		2		
Yes	J4	B14_L2_N	34	↔	331-20-39		2		
Yes	K6	B14_L1_P	36	↔	351-20-36		2		
Yes	K5	B14_L1_N	38	↔	371-20-35		2		
Yes	K3	B14_L4_P	40	↔	39 NC		2		
Yes	L2	B14_L4_N	42	↔	41 NC		2		
Yes	L4	B14_L5_P	44	↔	431-20-34		2		
Yes	L3	B14_L5_N	46	↔	451-20-33		2		
No		GND	48	↔	47 GND		2		
Yes	M4	B14_L10_P	50	↔	491-20-30		2		
Yes	N4	B14_L10_N	52	↔	511-20-29		2		
Yes	N2	B14_L11_N	54	↔	531-20-28		2		
Yes	N3	B14_L11_P	56	↔	551-20-27		2		
Yes	P3	B14_L12_N	58	↔	571-20-23		2		
Yes	P4	B14_L12_P	60	↔	591-20-24		2		
No		VCCIO34	62	↔	611-20-6/20-45		2		
Yes	T3	B14_L17_N	64	↔	63 NC		2		
Yes	T4	B14_L17_P	66	↔	65 NC		2		
Yes	R5	B14_L21_P	68	↔	671-20-20		2		
Yes	T5	B14_L21_N	70	↔	691-20-19		2		
Yes	P5	B14_L19_N	72	↔	71 NC		2		
Yes	P6	B14_L19_P	74	↔	73 NC		2		
Yes	T7	B14_L22_N	76	↔	751-20-17		2		
Yes	T7	B14_L22_P	78	↔	771-20-18		2		
Yes	V6	B14_L23_N	80	↔	791-20-37		2		
Yes	U7	B14_L23_P	82	↔	811-20-38		2		
No		1.3V	84	↔	831-6/15/16/IM2-54		2		
Yes	V9	B14_L24_N	86	↔	851-17-40		2		
Yes	V9	B14_L24_P	88	↔	871-17-39		2		
Yes	V11	B14_L23_N	90	↔	891-17-42		2		
Yes	U11	B14_L23_P	92	↔	911-17-41		2		
Yes	V12	B14_L21_P	94	↔	931-17-43		2		
Yes	V13	B14_L21_N	96	↔	951-17-44		2		
No		VIN	98	↔	9713-3V		2		
No		VIN	100	↔	9913-3V		2		

Board-Module connecting plug pair									
Module: TE0714				Mapping	Base Board: TEBA0714				
Connector: JM2					Connector: JM2				
Connector Pins: 100					Connector Pins: 100				
XDC-Export	FPGA Pin	Schem. Pn	Pin Number	Pin Number2	Signal Pin / Name	Side			
Yes	B9	B15_L3_P	1	↔	214-8		1		
Yes	A9	B15_L3_N	3	↔	43-17		1		
Yes	B10	B15_L5_P	5	↔	61-10		1		
Yes	A10	B15_L5_N	7	↔	261-11		1		
Yes	B11	B15_L4_N	9	↔	1011-9		1		
Yes	C11	B15_L4_P	11	↔	1211-11		1		
Yes	C8	B15_L1_N	13	↔	1411-11		1		
Yes	D8	B15_L1_P	15	↔	1611-11		1		
No		1.8V	17	↔	1811-11		1		
Yes	C9	B15_L2_N	19	↔	2011-11		1		
Yes	D9	B15_L2_P	21	↔	2211-11		1		
Yes	D11	B15_L6_P	23	↔	241-11		1		
Yes	C12	B15_L6_N	25	↔	261-11		1		
Yes	D13	B15_L11_P	27	↔	281-13		1		
Yes	C13	B15_L11_N	29	↔	301-14		1		
Yes	D13	B15_L12_P	31	↔	321-19		1		
Yes	D14	B15_L12_N	33	↔	341-18		1		
No		GND	35	↔	361-10		1		
Yes	D15	B15_L13_N	37	↔	381-17		1		
Yes	E15	B15_L13_P	39	↔	401-16		1		
Yes	D16	B15_L14_N	41	↔	421-12		1		
Yes	E16	B15_L14_P	43	↔	441-13		1		
Yes	F14	B15_L22_N	45	↔	461-14		1		
Yes	G14	B15_L22_P	47	↔	481-15		1		
Yes	K16	B15_L20_N	49	↔	5011-11		1		
Yes	H16	B15_L20_P	51	↔	5211-11		1		
No		VCCIO15	53	↔	541-6/15/16/IM1-83		1		
Yes	J14	B14_L5_P	55	↔	561-17-18		1		
Yes	K15	B14_L5_N	57	↔	581-17-17		1		
Yes	M14	B14_L8_P	59	↔	6011-11		1		
Yes	N14	B14_L8_N	61	↔	6211-11		1		
Yes	N16	B14_L9_P	63	↔	6411-11		1		
Yes	N17	B14_L9_N	65	↔	6611-11		1		
Yes	K16	SP1-DQ3	67	↔	681-17-24		1		
Yes	J16	SP1-DQ3	69	↔	701-17-23		1		
No		GND	71	↔	721-17		1		
Yes	P16	B14_L11_N	73	↔	741-17-4		1		
Yes	P15	B14_L11_P	75	↔	761-17-3		1		
Yes	P17	B14_L14_N	77	↔	781-17-15		1		
Yes	P16	B14_L14_P	79	↔	801-17-16		1		
Yes	P14	B14_L12_P	81	↔	821-17-48		1		
Yes	R15	B14_L12_N	83	↔	841-17-47		1		
Yes	T15	B14_L11_N	85	↔	861-17-13		1		
No		B14_L13_P	87	↔	881-17-14		1		
No		GND	89	↔	901-10		1		
Yes	T13	B14_L19_N	91	↔	921-17-11		1		
Yes	T13	B14_L19_N	93	↔	941-17-12		1		
Yes	U12	B14_L22_N	95	↔	961-17-8		1		
Yes	T12	B14_L22_P	97	↔	981-17-7		1		
No		BOOTMODE	99	↔	1001-19/IX1-9		1		
Yes	A12	B15_L7_N	2	↔	1111-11		2		
Yes	B12	B15_L7_P	4	↔	1311-11		2		
Yes	A13	B15_L8_P	6	↔	1511-11		2		
Yes	B14	B15_L8_N	8	↔	1711-11		2		
Yes	B14	B15_L10_P	10	↔	1911-11		2		
Yes	A15	B15_L10_N	12	↔	2111-11		2		
Yes	C14	B15_L9_P	14	↔	2311-11		2		
Yes	B15	B15_L9_N	16	↔	2511-11		2		
No		GND	18	↔	2711-10		2		
Yes	A17	B15_L15_N	20	↔	2911-11		2		
Yes	B16	B15_L15_P	22	↔	3111-11		2		
Yes	B17	B15_L16_N	24	↔	3311-11		2		
Yes	C16	B15_L16_P	26	↔	3511-11		2		
Yes	C18	B15_L18_N	28	↔	3711-11		2		
Yes	C17	B15_L18_P	30	↔	3911-11		2		
Yes	D18	B15_L17_N	32	↔	4111-11		2		
Yes	E17	B15_L17_P	34	↔	4311-11		2		
No		GND	36	↔	4511-10		2		
Yes	E18	B15_L24_N	38	↔	4711-11		2		
Yes	F17	B15_L24_P	40	↔	4911-11		2		
Yes	F18	B15_L19_N	42	↔	5111-11		2		
Yes	E17	B15_L19_P	44	↔	5311-11		2		
Yes	F15	B15_L21_N	46	↔	5511-11		2		
Yes	G15	B15_L21_P	48	↔	5711-11		2		
Yes	H15	B15_L23_P	50	↔	5911-11		2		
Yes	H18	B15_L23_N	52	↔	6111-11		2		
No		GND	54	↔	6311-24		2		
Yes	K17	B14_L4_P	56	↔	6511-17-19		2		
Yes	L18	B14_L4_N	58	↔	6711-20		2		
Yes	M17	B14_L7_N	60	↔	6911-17-19		2		
Yes	C16	B14_L7_P	62	↔	7111-17		2		
Yes	R18	B14_L15_P	64	↔	7311-22		2		
Yes	T18	B14_L15_N	66	↔	7511-21-21		2		
Yes	E8	SP1-IC3	68	↔	7711-26		2		
Yes	F15	SP1-G3	70	↔	7911-25		2		
Yes	J17	SP1-DQ1	72	↔	8111-27		2		
Yes	L15	SP1-DQ2	74	↔	8311-28		2		
Yes	N18	B14_L10_P	76	↔	8511-27		2		
Yes	P18	B14_L10_N	78	↔	8711-29		2		
Yes	T17	B14_L16_P	80	↔	8911-31		2		
Yes	U17	B14_L16_N	82	↔	9111-32		2		
No		GND	84	↔	9311-30		2		
Yes	U17	B14_L18_N	86	↔	9511-33		2		
Yes	V16	B14_L19_P	88	↔	9711-34		2		
Yes	V16	B14_L17_N	90	↔	9911-35		2		
Yes	U15	B14_L17_P	92	↔	10111-36		2		
Yes	U14	B14_L20_P	94	↔	10311-37		2		
Yes	V14	B14_L20_N	96	↔	105111-38		2		
Yes	U14	B14_L25_P	98	↔	107111-IX1-3		2		
Yes	V14	B14_L10_P	100	↔	109111-IX1-7		2		