

Eiger Design Electronic PCB Assembly Bill of Material

Project:	J-Testr
Card Name:	Interposer JTAG Interface
Assembly Number:	5120.1010.6000
Revision	RevA
Date:	26/05/2014
Status:	Released
Special Notes:	

Quantity	Reference	Fit Value	Description	Manufacture	Manufacturers PN	Eiger Code	Rohs
Resistors							
6	R1,R3,R5,R17,R19,R21	0 10mOhm	0R 0603 1% 75V 1/10W 100ppm SMT Resistor	Vishay	CRCW06030000Z0EA	6100.1002.0000	1
4	R2,R4,R6,R7	1 1K	1K 0603 1% 75V 1/16W 100ppm SMT Resistor	Vishay	CRCW06031K00FK	6100.1042.1001	1
5	R8,R10,R13-R15	1 10K	10K 0603 1% 75V 1/16W 100ppm SMT Resistor	Vishay	CRCW060310K0FKEA	6100.1042.1002	1
1	R9	0 10K	10K 0603 1% 75V 1/16W 100ppm SMT Resistor	Vishay	CRCW060310K0FKEA	6100.1042.1002	1
4	R11,R16,R18,R20	1 33R	33R 0603 1% 75V 1/16W 100ppm SMT Resistor	Vishay	CRCW060333R0FK	6100.1042.33R0	1
1	R12	0 33R	33R 0603 1% 75V 1/16W 100ppm SMT Resistor	Vishay	CRCW060333R0FK	6100.1042.33R0	1
1	R22	1 68R	68R 0603 1% 75V 1/16W 100ppm SMT Resistor	Vishay	CRCW060368R0FK	6100.1042.68R0	1
Capacitors							
2	C1,C2	1 100nF	100nF 0603 16V 10% X7R SMT Capacitor	AVX	0603YC104KAT2A	6110.1222.1003	1
1	C3	1 100pF	100pF 0603 50V 5% COG SMT Capacitor	TDK	C1608COG1H101J	6110.1022.100R	1
Diodes							
6	D1-D6	1 ESDLC3V3D3_MCC	3V3 350W Unidirectional low capacitance TVS Diode	MCC	ESDLC3V3D3	6500.5000.1004	1
Connectors							
1	J1	1 MC9A22-20-34_20PIN_RA	20 Way DIL 2.54mm pitch right angle male header	Amp	2-1634689-0	6800.1000.1011	1
2	J2,J3	1 68000-110HLF-10WAY	10 Way SIL 2.54mm pitch gold plated right straight male header	FCI	68000-110HLF	6800.1000.1010	1
Intergrated Circuits							
1	U1	0 NC7SZ125M5	3 State Buffer single High Speed (2.6nS Typ)	Fairchild	NC7SZ125MX	6460.1000.1002	1
1	U2	1 TSSA9411DCK	SPDT Multiplexer Switch 2:1 10Ohm	TI	TSSA9411DCKR	6470.2000.1000	1
1	U3	1 SN74ALVC126PW	3 State Quad Non Inverting Buffer High Speed (2.8nS Max)	TI	SN74ALVC126PW	6460.1004.1001	1