

breakyBreaky Revised: 03/30/2016
15100501-01 Revision: 3.0

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Bill Of Materials March 30,2016 10:31:59

Item	Qty.	Reference	Description	Manufacturer	Part Number
1	1	F1	3A 24V PTC Resettable Fuse	Bourns	MF-LSMF300/24X-2
2	6	JC1, JB1, JA1, JB2, JA2, J3	Conn, Header, 40-pin, 20-posx2-row, 0.1" Vert, TH	Samtec	TSW-120-07-F-D
3	1	J1	Conn, Jack, 2-pos, 5.5mm OD x 2.5mm ID DC Power, 8A T/H RA	CUI Inc	PJ-063BH
4	1	J2	Conn, Header, 30-pin, 15-posx2-row, 0.1" Vert, TH	Samtec	TSW-115-07-F-D
5	1	J5	Conn, Header, 20-pin, 10-posx2-row, 0.1" Vert, TH	Samtec	TST-110-01-F-D
6	1	J6	Conn, Header, 14-pos, 2MM VERT Gold SHRD	Molex Inc.	87831-1420
7	6	PC1, PB1, PA1, PB2, PA2, P3	Conn, Header, 40-pin, 20-posx2-row, 0.05" Vert Shrouded, TH	Samtec	TFM-120-01-F-D-A
8	1	P2	Conn, Header, 30-pin, 15-posx2-row, 0.05" Vert Shrouded, TH	Samtec	TFM-115-01-F-D-A
10	1	R1	Resistor, 10.0K ohm 1% 1/8W, SMD 0805	Vishay	CRCW080510K0FKEA
11	2	TVS2, TVS3	Diode Array, Quint 3.3V ESD Prot., SOT363	NXP Semiconductor	PESD3V3L5UY,115
12	1	TVS4	TVS Diode, 17VWM max, 400W peak, SMA	Bourns	SMAJ17A
13	1	TVS5	TVS DIODE 3.3VWM SOD523	NXP Semiconductors	PESD3V3U1UB,115