BOM Kearfott Isolation

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Item Number	Quantity	Value	Part Reference	PCB Footprint	VENDOR	VENDOR_PT_NO	Comments
1	6	10uF	C1 C13 C23 C39 C42 C45	c_0603	Digikey	1276-1948-1-ND	
2	25	0.1uF	C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C14 C15 C16 C17 C18 C19 C21 C22 C24 C25 C26 C41 C44 C47	c_0603	Digikey	490-3285-1-ND	
3	1	1000pF	C20	murata_dk1	Digikey	490-16263-1-ND	
4	3	0.047uF	C27 C28 C29	c_0603	Digikey	311-1427-1-ND	
5	9	0.33uF	C30 C31 C32 C33 C34 C35 C36 C37 C38	c_0603	Digikey	445-13347-1-ND	
6	3	1.0uF	C40 C43 C46	c_0603	Digikey	587-3247-1-ND	
7	6	TPD2E007	D1 D2 D3 D4 D5 D6	DCK	Digikey	296-25281-1-ND	
8	1	DIODE BI-DIR TRIG	D7	diode_sma_bidir	Digi-Key	SMAJ5.0CALFCT-ND	
9	6	E	E1 E2 E3 E4 E5 E6	fid_h	n/a	n/a	
10	2	1A SLO-BLO	F1 F2	fuse_omni_blok	Digikey	F1303CT-ND	
11	1	HARWIN_M80_5110642	J1	HARWIN_M80_5110642	Digikey	952-2431-5-ND	
12	4	HARWIN_M80_5101442	J2 J3 J4 J7	HARWIN_M80_5101442	Digikey	952-1010-5-ND	
13	1	JUMPER_1X3	J5	hdr_1x3_th	Digikey	732-5316-ND	
14	1	HARWIN_M80_5100442	J6	HARWIN_M80_5100442	Digikey	952-2343-ND	
15	1	4.7uH	L1	c_0805	Digikey	490-12073-1-ND	
16	6	FerriteBeadChip	L2 L3 L4 L5 L6 L7	R_0603	Digikey	490-14027-1-ND	
17	4	#4 washer	MT1 MT2 MT3 MT4	mt_4_washer	n/a	n/a	
18	12	10.0k	R1 R2 R3 R4 R5 R6 R7 R8 R9 R12 R14 R18	r_0603	Digikey	P10.0KHCT-ND	
19	6	120	R10 R11 R15 R16 R20 R21	r_0603	Digikey	P120DBCT-ND	
20	3	0.0 Ohm	R13 R17 R19	r_0603	Digikey	P0.0ACT-ND	
21	32	TP_040	TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27 TP28 TP29 TP30 TP31 TP32	TP_040	Digikey	36-5002-ND	
22	3	SP330E	U1 U2 U3	TSSOP_24	Digikey	1016-1977-ND	
23	1	ADUM6403	U4	16_soic_wide	Digikey	ADUM6403ARIZ-ND	
24	1	IS480P	U5	stretched_so6	Digikey	IS480PCT-ND	
25	3	MAX3221	U6 U7 U8	16_tssop_drt	Digikey	296-19383-1-ND	
Ancillary Items							
	4	Harwin M80-4611442		n/a	Digikey	952-2058-ND	
	1	Harwin M80-4810605		n/a	Digikey	952-2070-ND	
	1	Harwin M80-4610405		n/a	Digikey	952-2340-ND	
Notes:							
		Components ordered from DigiKey 15 May 2019, enough for five pc boards plus a few spares					
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