

Item Num	Quantity	Value	Part Reference	Manufacturer	ManufacturerPartNumber	PCB Footprint	Vendor	Vendor_PT_No
1	1	BotBlox10_100	A2	BotBlox	BB-SWB-E-1	BotBlox10_100	Digikey	3240-BB-SWB-E-1-ND
2	3	0.1uF	C1 C3 C5	Murata Electronics	GRM188R72A104KA35D	sm_0603	Digikey	490-3285-1-ND
3	3	10uF	C2 C4 C6	KYOCERA AVX	22201C106MAT2A	sm_2220	Digikey	478-9622-1-ND
4	1	1000pF	C7	Johanson Dielectrics Inc.	202R18W102KV4E	sm_1206	Digikey	709-1036-1-ND
5	1	TRANSORB	D1	YAGEO	SMAJ5.0CA/TR13	diode_sma	Digikey	13-SMAJ5.0CA/TR13CT-ND
6	1	TRANSORB	D2	YAGEO	SMAJ12CA/TR13	diode_sma	Digikey	13-SMAJ12CA/TR13CT-ND
7	1	TRANSORB	D3	Bourns Inc.	P6SMB43CA	diode_smb_bidir	Digikey	P6SMB43CABBCT-ND
8	6	E	E4 E5 E6 E7 E8 E9	n/a	n/a	fid_h	n/a	n/a
9	5	8 HEADER	J14 J26 J28 J30 J32	Würth Elektronik	615008160021	wurth_615008160021	Digikey	732-615008160021-ND
10	11	HEADER 4	J23 J25 J27 J29 J31 J33 J35 J37 J39 J41 J43	Molex	0530470410	molex_0530470410	Digikey	WM1733-ND
11	1	3-794618-8	J24	TE Connectivity AMP Connectors	3-794618-8	TE_794618-8_MOD1	Digikey	A33255-ND
12	5	HEADER 4	J34 J36 J38 J40 J42	Harwin Inc.	M80-8420442	harwin_m80_8420442	Digikey	952-1078-5-ND
13	1	HARWIN_M80_8420242	J44	Harwin Inc.	M80-8420242	harwin_m80_8420242	Digikey	952-1076-5-ND
14	1	CON6A	JP1	Samtec Inc.	TSW-103-07-G-D	header_2X3	Digikey	SAM1028-03-ND
15	8	TP_040	TP1 TP2 TP3 TP4 TP5 TP6 TP8 TP9	Keystone Electronics	5002	TP_040	Digikey	36-5002-ND
	Mating Connectors:							
	11	CON4	J45	Molex	0510210400		Digikey	WM1722-ND
	1	CON8	J46	TE Connectivity AMP Connectors	794617-8		Digikey	A30296-ND
	5	CON4	J47	Harwin Inc.	M80-8980405		Digikey	952-1184-ND
	1	CON2	J48	Harwin Inc.	M80-6900298		Digikey	952-1600-ND
	1	CON4	J49	Samtec Inc.	MNT-102-BK-G		Digikey	SAM9042-ND