

	Qty	Reference	Part	PCB Foot	Digikey
1	1	C1	470pF	AX/.300X.100/.028	399-4473-1-ND
2	38	C2,C4,C5,C11,C12,C14,C18,C23,C24,C26,C28,C31,C36,C37,C39,C41,C44,C49,C50,C52,C54,C57,C62,C63,C65,C67,C69,C71,C72,C73,C74,C75,C76,C77,C78,C79,C80,C81	0.1uF	AX/.300X.100/.028	399-1861-1-ND
3	12	C6,C7,C16,C21,C22,C34,C35,C47,C48,C60,C61,C82	0.01uF	AX/.300X.100/.028	399-1845-1-ND
4	1	C8	0.01uF 100V	AX/.300X.100/.028	399-1845-1-ND
5	2	C9,C10	22uF50V	CYL/D.250/LS.100/.031	P837-ND
6	3	C13,C15,C70	330uF10V	CYL/D.250/LS.100/.031	P5125-ND
7	12	C17,C19,C25,C30,C32,C38,C43,C45,C51,C56,C58,C64	0.022uF	AX/.300X.100/.028	399-1857-1-ND
8	12	C20,C27,C29,C33,C40,C42,C46,C53,C55,C59,C66,C68	15pF	AX/.300X.100/.028	399-1807-1-ND
9	8	D1,D2,D3,D5,D12,D19,D26,D33	SD103B	DAX2/DO35	SD103BDICT-ND
10	7	D6,D7,D10,D13,D20,D27,D34	LX3044HD	CYL/D.150/LS.100/.031	67-1064-ND
11	1	D8	1N5822	DAX2/1N_5820-5821	1N5822DICT-ND
12	6	D9,D17,D24,D31,D38,D39	1N4734A	DAX2/DO41	1N4734ADICT-ND
13	16	D11,D14,D15,D16,D18,D21,D22,D23,D25,D28,D29,D30,D32,D35,D36,D37	1N4732A	DAX2/DO41	1N4732ADICT-ND
14	4	J1,J3,J9,J10	CON2	CON/3.5M/2	ED1514-ND
15	1	J2	CON3	CON/3.5M/3	ED1515-ND
16	1	J4	CON26A	WALCON.100/VH/TM2OES/W.325/26	A26275-ND
17	5	J6,J13,J18,J23,J28	CON5	BLKCON.100/VH/TM1SQ/W.100/5	
18	10	J7,J8,J11,J12,J16,J17,J21,J22,J26,J27	JUMPER	BLKCON.100/VH/TM1SQ/W.100/2	
19	4	J14,J19,J24,J29	CON10	CON/3.5M/10	ED-1522-ND
20	4	J15,J20,J25,J30	CON12	CON/3.5M/12	ED-1524-ND
21	1	L1	47uH	INDUCTOR/JW21XX-H	M9772-ND
22	4	L2,L3,L4,L5	4.7uH	AX/.300X.100/.028	M7821-ND
23	1	R1	22	AX/.300X.100/.028	P22BACT-ND
24	7	R2,R3,R6,R7,R10,R11,R15	270	AX/.300X.100/.028	P270BACT-ND
25	15	R4,R5,R8,R9,R12,R13,R17,R18,R29,R30,R31,R42,R69,R96,R123	360	AX/.300X.100/.028	P360BACT-ND
26	3	R14,R24,R25	4.7k	AX/.300X.100/.028	P4.7KBACT-ND
27	2	R16,R19	470	AX/.300X.100/.028	P470BACT-ND
28	4	R20,R22,R26,R27	47k	AX/.300X.100/.028	P47KBACT-ND

29	17	R21,R39,R43,R50,R57,R66,R70,R77,R84,R93,R97, R104,R111,R120,R124,R131,R138	2.2k	AX/.300X.100/.028	P2.2KBACT-ND
30	17	R23,R34,R44,R45,R51,R61,R71,R72,R78,R88,R98, R99,R105,R115,R125,R126,R132	1k	AX/.300X.100/.028	P1.0KBACT-ND
31	5	R28,R54,R81,R108,R135	10k	AX/.300X.100/.028	P10KBACT-ND
32	24	R32,R36,R47,R52,R53,R56,R59,R63,R74,R79,R80, R83,R86,R90,R101,R106,R107,R110,R113,R117,R 128,R133,R134,R137	100	AX/.300X.100/.028	P100BACT-ND
33	24	R33,R35,R37,R46,R49,R55,R60,R62,R64,R73,R76, R82,R87,R89,R91,R100,R103,R109,R114,R116,R1 18,R127,R130,R136	150k	AX/.300X.100/.028	P150KBACT-ND
34	4	R38,R65,R92,R119	NOT PLACED	AX/.300X.100/.028	
35	16	R40,R41,R48,R58,R67,R68,R75,R85,R94,R95,R10 2,R112,R121,R122,R129,R139	2.2k1W	AX/.550X.200/.031	2.2KW-1-ND
36	4	U1,U2,U3,U4	HCPL2631-MPL	DIP.100/8/W.300/L.400	HCPL2631QT-ND
37	1	U6	74HCT132	DIP.100/14/W.300/L.800	296-2090-5-ND
38	5	U7,U11,U14,U17,U20	SP720	DIP.100/16/W.300/L.775	F2164-ND
39	5	U8,U12,U15,U18,U21	dsPIC30F3011 PDIP	DIP.100/40/W.600/L2.050	DSPIC30F3011-30IP-ND
40	1	U9	LM2676T-5.0/TO220	TO220-7-POWER	LM2676T-5.0-ND
41	4	U10,U13,U16,U19	MAX3095	DIP.100/16/W.300/L.775	Newark: 90C2683
42	1	Y1	SG-531P 4.9152MC	DIP.100/16/W.300/L.775	MAX3095EPE-ND