

Item	Qty	Ref	Desc	Manufacturer / Part #
1	1	C1	CAP, X5R 10uF 6.3V 20% 1206	TAIYO YUDEN JMK316BJ106ML
2	1	C2	CAP, X7R 0.022uF 16V 10% 0603	AVX 0603YC223KAT1A
3	1	C3	CAP, X5R 1uF 25V 10% 1206	TAIYO YUDEN TMK316BJ105KL
4	2	C31,C4	CAP, TANT 56uF 25V20%	SANYO OSCON 25SVP56M
5	8	C5,C6,C7,C8,C9,C10,C11,C13	CAP, X7R 4.7uF 25V 20% 1210	TAIYO YUDEN TMK325BJ475MN
6	2	C12,C19	CAP, X5R 10uF 6.3V 20% 0805	TDK C2012X5R0J106M
7	3	C14,C15,C17	CAP, X7R 0.1uF 50V 20% 0805	AVX 08055C104MAT
8	0	C16,C30	CAP, ELEC 330uF 4V 20% 7343H OPTION	SANYO 4TPD330M OPTION
9	4	C18,C26,C27,C29	CAP, ELEC 470uF 4V 20% 7343H	SANYO 4TPD470M
10	2	C20,C24	CAP, X7R 2.2nF 100V 10% 0603	AVX 06031C222KAT
11	2	C21,C23	CAP, X7R 1.2nF 50V 10% 0603	AVX 06035C122KAT2A
12	2	C22,C25	CAP, X7R 180pF 100V 10% 0603	AVX 06031C181KAT
13	1	C28	CAP, X7R 0.1uF 16V 20% 0603	AVX 0603YC104MAT
14	2	C36,C32	CAP, X5R 10uF 6.3V 20% 0805	TAIYO YUDEN JMK212BJ106MG
15	3	C33,C34,C37	CAP, NPO 560pF 50V 5% 0603	AVX 06035A561JAT
16	1	C35	CAP, X5R .47uF 25V 20% 1206	TAIYO YUDEN TMK316BJ474ML
17	3	D1,D2,D5	DIODE,CMDSH-3 SOD323	CENTRAL CMDSH-3-LTC
18	2	D4,D3	DIODE, SCHOTTKY 40V 3A	DIODES INC. B340B
19	1	D7	DIODE, MBR0530T1 SOD123	ON SEMI MBR0530T1
20	1	E1	TURRETS	MILL-MAX-2501-2
21	14	E8-E13,E15-E22	TURRET	TP\MMX\2308-2
22	3	JP1,JP2,JP4	HEADER,3 PINS 2mm	COMM 2802S-03G2
23	1	JP3	HEADER,2PIN, 2mm	COMM CON 2802S-02G2
24	6	J1,J4,J5,J6,J7,J8	JACK, BANANA	KEYSTONE 575-4
25	2	J2,J3	CONN,BNC,5 PINS	CONNEX 112404
26	2	L1,L2	IND, 1uH	TOKO FDA1254-1R0M=P3
27	1	L3	IND, 15uH	MURATA LQH32CN150K53K
28	2	Q1,Q4	XSTR, N-CHANNEL POWER MOSFET SO8	RENESAS HAT2168
29	0	Q2,Q3,Q6,Q7	DO NOT STUFF	OPTION
30	2	Q5,Q8	XSTR, N-CHANNEL (D-S) MOSFET 30V	RENESAS HAT2165
31	2	Q9,Q10	XSTR,SUD50N03-07 MOSFET	SILICONIX SUD50N03-07
32	1	R1	RES, 20K OHMS 1% 1/16W 0603	AAC CR16-2002FM
33	1	R2	RES, 6.65K OHMS 1% 1/16W 0603	AAC CR16-6651FM
34	10	R3,R6-R8,R10,R11,R23,R24,R26,R29	RES, 10K OHMS 1% 1/16W 0603	AAC CR16-1002FM
35	0	R4	RES, 0603 8.87K OHMS 1% 1/16W	AAC CR16-8871FM OPTION
36	0	R5	RES, 0603 1.21K OHMS 1% 1/16W	AAC CR16-1211FM OPTION

37	3	R9,R25,R27	RES, 0 OHM JUMPER 0603	AAC CR06-000JM
38	2	R13,R12	RES, 51.1K OHMS 1% 1/16W 0603	AAC CR16-5112FM
39	3	R14,R15,R17	RES, 3.16K OHMS 5% 1/16W 0603	AAC CR16-3161FM
40	2	R31,R16	RES, 2.21K OHMS 1% 1/16W 0603	AAC CR16-2211FM
41	1	R18	RES, 10 OHMS 5% 1/16W 0603	AAC CR16-100JM
42	2	R22,R19	RES, 15K OHMS 5% 1/16W 0603	AAC CR16-153JM
43	2	R20,R21	RES, 301 OHMS 1% 1/16W 0603	AAC CR16-3010FM
44	2	R28,R30	RES, 0.01 OHMS 1% 1W 2512	IRC LRF2512-01-R010-J
45	1	R32	RES, 2K OHM 5% 1/16W 0603	AAC CR16-202JM
46	1	U1	IC, LT1616ES6	LINEAR TECH. LT1616ES6
47	1	U2	IC, LTC3802EGN	LINEAR TECH. LTC3802EGN
48	4		STANDOFF, SNAP ON	KEYSTONE_8831
49	4	JP1-JP4	SHUNTS	COMM CONN CCIJ2MM-138G
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