

Item	Qty	Ref	Desc	Manufacturer / Part #
1	5	C1,C16,C24,C29,C33	CAP, X7R 0.01uF 16V 10% 0603	AVX 0603YC103KAT
2	2	C2,C3	CAP, X7R 1.5uF 100V 20% 1825	VITRAMON VJ1825Y155MXB
3	3	C4,C5,C7	CAP, POSCAP 470uF 4V 20% 7343H	SANYO POSCAP 4TPD470M
4	2	C6,C13	CAP, X7R 4.7uF 25V 20% 1210	TDK C3225X7R1E475M
5	2	C8,C9	CAP, NPO 1000pf 50V 10% 0603	AVX 06035A102KAT2A
6	1	C10	CAP, X7R 2200pF 250VAC +/-1% 2225	MURATA GA355DR7GC222KY02
7	0	C11	CAP, X7R 0.01uF 25V 10% 0603 OPTION	AVX 06033C103KAT2A OPTION
8	3	C12,C40,C41	CAP, POSCAP 680uF 2.5V 20% 7343H	SANYO POSCAP 2R5TPD680M
9	2	C14,C39	CAP, NPO 330pF 50V 5% 0603	AVX 06035A331JAT
10	3	C15,C25,C36	CAP, X5R 4.7uF 16V 20% 1206	TAIYO YUDEN EMK316BJ475ML-T
11	4	C17,C19,C43,C44	CAP, X7R 0.1uF 16V 10% 0603	AVX 0603YC104KAT
12	1	C18	RES, 120 OHMS 5% 1/10W	AAC CR10-121JM
13	1	C23	CAP, X5R 10uF 6.3V 20% 0805	AVX 08056D106MAT
14	1	C20	CAP, X5R 0.1uF 25V 10% 0603	AVX 06033D104KAT
15	2	C21,C47	CAP, X5R 1uF 16V 20% 0805	TAIYO YUDEN EMK212BJ105MG-T
16	2	C22,C42	CAP, X7R 4700pF 50V 20% 0603	AVX 06035C472MAT2A
17	1	C26	CAP, X7R 6800pF 100V 5% 0805	AVX 08051C682KAT
18	2	C27,C31	CAP, X7R 1uF 25V 10% 1206	TAIYO YUDEN TMK316BJ105KL
19	4	C28,C46,C49,C50	CAP, NPO 1000pF 25V 5% 0603	AVX 06033A102JAT1A
20	1	C30	CAP, X7R 0.15uF 50V 10% 0603	AVX 06035C153KAT2A
21	1	C32	CAP, NPO 82pF 25V 10% 0603	AVX 06033A820KAT2A
22	0	C34,R52	DO NOT STUFF	NONE
23	2	C48,C35	CAP, NPO 180pF 50V 5% 0603	AVX 06035A181JAT
24	1	C37	CAP, NPO 680pF 50V 5% 0603	AVX 06035A681JAT
25	1	C38	CAP, X7R 0.033uF 16V 10% 0603	MURATA GRM188R71C333KA01D
26	1	C45	CAP, NPO 10pF 50V 5% 0603	AVX 06035A100JAT2A
27	1	C51	CAP, X7R .015uF 50V 10% 0603	AVX 06035C153KAT2A
28	2	D2,D1	RECTIFIER, B2100 SCHOTTKY SMB	DIODES INC. B2100
29	3	D3,D4,D13	DIODE, BAS21TA 350mW SOT-23	ZETEX BAS21TA
30	1	D6	DIODE, B340A SCHOTTKY RECTIFIER 3.0A SMA	DIODES INC. B340A
31	3	D7,D8,D9	DIODE, BAT54 SCHOTTKY 200mW SOT-23	DIODES INC. BAT54
32	1	D10	DIODE, MMBZ5240B ZENER 350mW SOT-23	DIODES INC. MMBZ5240B
33	1	D12	DIODE, BAT54S SCHOTTKY 200mW SOT-23	DIODES INC. BAT54S
34	2	D15,D14	DIODE, SD107WS SCHOTTKY, 200mW	DIODES INC. SD107WS
35	1	D17	DIODE, MMBD4148 SWITCHING 350mW SOT-23	DIODES INC. MMBD4148
36	2	D20,D18	DIODE, B0540W SCHOTTKY RECTIFIER SOD-123	DIODES INC. B0540W

37	1	D19	DIODE, ZENER 500mW 11V SOD-123	DIODES INC. MMSZ5241B
38	1	ISO1	IC, MOC207 OPTO ISOLATOR	FAIRCHILD MOC207-M
39	1	L1	IND, 1.2uH 20%	COILCRAFT DO1813P-122HC
40	1	L2	IND, 1000uH 20%	COILCRAFT DO1608C-105
42	2	L3,L4	INDUCTOR, 1.8uH	SUMIDA CEP125-1R8MC-H
43	8	P1,P2,P3,P4,P5,P6,P9,P11	CONNECTOR, SWAGE MOUNT	KEYSTONE 1425-2
44	3	P7,P8,P10	CONN, SWAGE MOUNT	KEYSTONE 1455-2
45	2	Q3,Q1	XSTR, Si7456DP N-CHANNEL (D-S) MOSFET 100V	SILICONIX Si7456DP
46	0	Q2	XSTR, FMMT718 SILICON POWER SWITCHING PNP SOT23	ZETEX FMMT718 OPTION
47	7	Q4,Q5,Q6,Q13,Q14,Q17,Q18	XSTR, Si7892DP N-CHANNEL (D-S) MOSFET 30V	VISHAY SILICONIX Si7892DP
48	1	Q7	XSTR, FZT853 SILICON PLANAR NPN SOT-223	ZETEX FZT853
49	0	Q8	XSTR, FMMT619 SILICON POWER SWITCHING NPN SOT23	ZETEX FMMT619 OPTION
50	1	Q10	XSTR, ZVN3310F N-CHANNEL D MOSFET	ZETEC ZVN3310F
51	1	Q12	XSTR, FZT690B NPN SOT-223	ZETEX FZT690BTA
52	1	RT1	THERMISTOR, 100K	DALE NTHS-1205N01-100K
53	0	R1	RES, 100 OHM JUMPER 1/16W 0603	AAC CJ16-101M OPTION
54	4	R2,R7,R40,R41	RES, 0 OHM JUMPER 1/16W 0603	AAC CJ06-000M
55	2	R3,R4	RES, 10 OHM 5% 1/4W 1206	AAC CR18-100JM
56	1	R5	RES, 100K OHMS 5% 1/16W 0603	AAC CR16-104JM
57	1	R6	RES, 3.3 OHM 5% 1/4W 1206	AAC CR18-3R3JM
58	2	R8,R56	RES, 10 OHM 5% 1/10W 0805	AAC CR10-100JM
59	1	R9	RES, 0.015 OHMS 1% 1/2W 1206	IRC LRC-LR1206-01-R015-F
60	3	R10,R11,R18	RES, 100 OHM 5% 1/16W 0603	AAC CR16-101JM
61	5	R12,R17,R43,R57,R58	RES, 10K OHM 5% 1/16W 0603	AAC CR16-103JM
62	1	R13	RES, 1.50K OHMS 5% 1/16W 0603	AAC CR16-152JM
63	3	R14,R54,R62	RES, 3.01K OHMS 1% 1/16W 0603	AAC CR16-3011FM
64	1	R15	RES, 10K OHMS 1% 1/16W 0603	AAC CR16-1002FM
65	1	R16	RES, 2K OHM 5% 1/4W 1206	AAC CR18-202JM
66	7	R19,R29,R30,R35-R38	RES, 1K OHMS 5% 1/16W 0603	AAC CR16-102JM
67	1	R24	RES, 270K OHMS 5% 1/4W 1206	AAC CR18-274JM
68	1	R25	RES, 20K OHMS 5% 1/16W 0805	AAC CR10-203JM
69	1	R26	RES, 73.2K OHMS 1% 1/16W 0603	CR16-7322FM
70	2	R31,R34	RES, 470 OHMS 5% 1/16W 0603	AAC CR16-471JM
71	2	R32,R33	RES, 6.8K OHMS 5% 1/16W 0603	AAC CR16-682JM
72	1	R37	RES, 680 OHMS 5% 1/16W 0603	AAC CR16-681JM
73	1	R39	RES, 52.3K OHMS 1% 1/16W 0603	AAC CR16-5232FM
74	1	R42	RES, 2.43K OHMS 1% 1/16W 0603	AAC CR16-2431FM

75	1	R45	RES, 1.24K OHMS 1% 1/16W 0603	AAC CR16-1241FM
76	1	R46	RES, 330 OHMS 5% 1/16W 0603	AAC CR16-331JM
77	2	R55,R49	RES, 0.003 OHMS 1% 1W 2512	PANASONIC ERJM1WSF3M0U
78	1	R50	RES, 3.3K OHMS 5% 1/16W 0603	AAC CR16-332JM
79	2	R51,R59	RES, 100 OHM 1% 1/16W 0603	AAC CR16-1000FM
80	1	R53	RES, 220 OHMS 5% 1/16W 0603	AAC CR16-221JM
81	2	R61,R60	RES, 1.50K OHMS 1% 1/16W 0603	AAC CR16-1501FM
82	4	R63,R64,R65,R68	RES, 10 OHMS 5% 1/16W 0603	AAC CR16-100JM
83	1	R66	RES, 665 OHMS 1% 1/16W 0603	AAC CR16-6650FM
84	1	R67	RES, 2.21K OHM 1% 1/16W 0603	AAC CR16-2211FM
85	1	T1	XRFM,PULSE PA0191	PULSE PA0191
86	2	T2,T3	XFMR,PULSE ENG'R. P2033	PULSE ENG. P2033
87	1	U3	IC,LT3781EG	LINEAR TECH. LT3781EG
88	1	U4	IC,LTC1693-1IS8	LINEAR TECH. LTC1693-1IS8
89	1	U5	IC,LT3804EFE	LINEAR TECH. LT3804EFE
90	4		SCREW, 4-40 1/4"	ANY
91	4		STANDOFF, NYLON 4-40 1/4"	ANY