

Item	Qty	Ref	Desc	Part Number
1	4	C1,C11,C29,C34	CAP, X7R 0.01uF 25V 10% 0603	AVX 06033C103KAT2A
2	2	C2,C3	CAP, X7R 1.5uF 100V 20% 1825	VITRAMON VJ1825Y155MXB
3	2	C4,C5	CAP, TANT 470uF 4V 7343	SANYO POSCAP 4TPB470M
5	0	C7	CAP, TANT 470uF 4V 7343 OPTION	SANYO POSCAP 4TPB470M OPTION
6	2	C8,C9	CAP, X7R 1000pf 100V 20% 1206	AVX 12061C102MAT2A
7	1	C10	CAP, X7R 2200pF 250VAC 10% 2225	MURATA GA355DR7GC222KY02L
8	0	C12	CAP, TANT 680uF 4V 20% 7343H OPTION	SANYO POSCAP 4TPB680M OPTION
9	1	C13	CAP, Y5V 0.22uF 50V 80% 1206	AVX 12065G224ZAT2A
10	2	C14,C39	CAP, NPO 330pF 50V 5% 0603	AVX 06035A331JAT
11	2	C15,C36	CAP, X7R 4.7uF 16V 20% 1210	TAIYO YUDEN EMK325BJ475MN
12	2	C28,C16	CAP, NPO 1000pF 25V 5% 0603	AVX 06033A102JAT1A
13	1	C17	CAP, NPO 220pF 50V 5% 0805	AVX 08055A221JAT
14	1	C19	CAP, X7R 0.022uF 25V 10% 0603	AVX 06033C223KAT1A
15	1	C20	CAP, X7R 0.1uF 100V 10% 1206	AVX 12061C104KAT2A
16	2	C21,C47	CAP, Y5V 1uF 16V +80,-20% 0805	AVX0805YG105ZATMA
17	1	C22	CAP, X7R 4700pF 50V 20% 0603	AVX 06035C472MAT2A
18	1	C25	CAP, X5R 4.7uF 16V 20% 1206	TAIYO YUDEN EMK316BJ475ML-T
19	1	C26	CAP, X7R 3300pF 50V 10% 0603	AVX 06035C332KAT1A
20	3	C6,C27,C31	CAP, X7R 1uF 25V 10% 1206	TAIYO YUDEN TMK316BJ105KL
21	1	C30	CAP, X7R 0.1uF 16V 10% 0603	AVX 0603YC104KAT
22	1	C32	CAP, NPO 82pF 25V 10% 0603	AVX 06033A820KAT2A
24	1	C35	CAP, NPO 180pF 50V 5% 0805	AVX 08055A181JAT
25	1	C37	CAP, NPO 680pF 50V 5% 0603	AVX 06035A681JAT
26	1	C38	CAP, X7R0.033uF 16V 10% 0603	MURATA GRM39X7R333K016AB
27	2	C40,C41	CAP, TANT 680uF 4V 20% 7343H	SANYO POSCAP 4TPB680M
28	1	C42	CAP, X7R 4700pF50V 10% 0805	AVX 08055C472KATMA
29	1	C43	CAP, X7R 0.01uF 50V10% 0805	AVX 08055C103KAT2A
30	2	C33,C44	CAP, X7R 0.1uF 16V 10% 0805	AVX 0805YC104KAT1A
31	1	C45	CAP, NPO 10pF 50V 5% 0603	AVX 06035A100JAT2A
32	0	C46	CAP, X7R 1000pf 100V 20% 1206 OPTION	AVX 12061C102MAT2A OPTION
14	2	C18,C23	CAP, Y5V 10uF 6.3V 80%-20% 0805	TAIYO YUDEN JMK212F106ZG-T
33	2	D2,D1	RECTIFIER, B2100 SCHOTTKY SMB	DIODES INC. B2100
34	3	D3,D4,D13	DIODE, BAS21TA 350mW SOT-23	ZETEX BAS21TA
35	3	D6,D18,D20	DIODE, B0540W SCHOTTKY RECTIFIER SOD-123	DIODES INC. B0540W
36	1	D7	DIODE, BAT54 SCHOTTKY 200mW SOT-23	DIODES INC. BAT54
37	1	D10	DIODE, MMBZ5240B ZENER 350mW SOT-23	DIODES INC. MMBZ5240B
38	1	D12	DIODE, BAT54S SCHOTTKY 200mW SOT-23	DIODES INC. BAT54S
39	2	D15,D14	DIODE, SD107WS SCHOTTKY, 200mW	DIODES INC. SD107WS
40	1	D16	DIODE, B340A SCHOTTKY RECTIFIER 3.0A SMA	DIODES INC. B340A

41	1	D17	DIODE, MMBD4148 SWITCHING 350mW SOT-23	DIODES INC. MMBD4148
42	1	D19	DIODE, ZENER 500mW 11V SOD-123	DIODES INC. MMSZ5241B
43	1	ISO1	IC, MOC207 OPTO ISOLATOR	QT OPTOELECTRONICS MOC207
44	2	JP1,JP2	HEADER, 3PIN, 2mm	COMM CON 2802S-03G2
45	1	L1	IND, 1.2uH 20%	COILCRAFT DO1813P-122HC
46	1	L2	IND, 1000uH 20%	COILCRAFT DO1608C-105
47	1	L3	IND, 2.5uH	SUMIDA CEP125-2R5MC-H
48	1	L4	IND, 1.8uH	SUMIDA CEP125-1R8MC-H
50	4	P1,P2,P5,P9	CONNECTOR, SWAGE MOUNT	KEYSTONE 1425-2
51	3	P7,P8,P10	CONN, SWAGE MOUNT	KEYSTONE 1455-2
52	2	Q3,Q1	XSTR, Si7456DP N-CHANNEL (D-S) MOSFET 100V	SILICONIX Si7456DP
53	0	Q2,R5,R7,Q8	DO NOT STUFF	OPTION
54	5	Q4,Q5,Q6,Q13,Q14	XSTR, Si7892DP N-CHANNEL (D-S) MOSFET 30V	VISHAY SILICONIX Si7892DP
55	1	Q7	XSTR, FZT853 SILICON PLANAR NPN SOT-223	ZETEX FZT853
56	1	Q10	XSTR, ZVN3310F N-CHANNEL D MOSFET	ZETEC ZVN3310F
57	1	Q12	XSTR, FZT690B NPN SOT-223	ZETEX FZT690BTA
58	0	Q16,Q15	XSTR, Si7456DP N-CHANNEL (D-S) MOSFET 100V OPTION	SILICONIX Si7456DP OPTION
59	0	Q17	XSTR, Si7892DP N-CHANNEL (D-S) MOSFET 30V OPTION	VISHAY SILICONIX Si7892DP OPTION
60	1	RT1	THERMISTOR,100K	DALE NTHS-1205N01-100K
61	3	R1,R2,R40	RES, 0 OHM JUMPER 1/16W 0603	AAC CJ06-000M
62	2	R3,R4	RES, 10 OHM 5% 1/4W 1206	AAC CR18-100JM
64	1	R6	RES, 3.3 OHM 5% 1/4W 1206	AAC CR18-3R3JM
65	2	R8,R56	RES, 10 OHM 5% 1/10W 0805	AAC CJ10-100JM
66	1	R9	RES, 0.020 OHMS 1% 1/2W 2512	VISHAY DALE WSR2R0200FTA
67	1	R16	RES, 2K OHM 5% 1/4W 1206	AAC CR18-202JM
68	4	R17,R43,R57,R58	RES, 10K OHM 5% 1/16W 0603	AAC CR16-103JM
69	2	R18,R59	RES, 100 OHM 5% 1/4W 1206	AAC CR18-101JM
70	1	R24	RES, 270K OHMS 5% 1/4W 1206	AAC CR18-274JM
71	1	R25	RES, 20K OHMS 5% 1/16W 0805	AAC CR10-203JM
72	1	R26	RES, 73.2K OHMS 1% 1/16W 0603	CR16-7322FM
73	2	R32,R31	RES, 470 OHMS 5% 1/16W 0603	AAC CR16-471JM
74	2	R33,R51	RES, 3.01K OHM 1% 1/16W 0603	AAC CR16-3011FM
75	2	R34,R42	RES, 2.43K OHMS 1% 1/16W 0603	AAC CR16-2431FM
76	2	R35,R46	RES, 1K OHMS 5% 1/16W 0603	AAC CR16-102JM
77	1	R37	RES, 3K OHMS 5% 1/16W 0603	AAC CR16-302JM
78	1	R39	RES, 52.3K OHMS 1% 1/16W 0603	AAC CR16-5232FM
79	1	R41	RES, 10 OHM 5% 1/16W 0603	AAC CR16-100JM
80	2	R45,R47	RES, 1.24K OHMS 1% 1/16W 0603	AAC CR16-1241FM
81	1	R48	RES, 1.78K OHMS 1% 1/16W 0603	AAC CR16-1781FM
82	1	R49	RES, 0.004 OHMS 1% 1W 2512	PANASONIC ERJM1WSF4M0U

83	1	R50	RES, 3.3K OHMS 5% 1/16W 0603	AAC CR16-332JM
84	1	R52	RES, 2.32K OHMS 1% 1/16W 0603	AAC CR16-2321FM
85	1	R53	RES, 220 OHMS 5% 1/16W 0603	AAC CR16-221JM
86	1	R54	RES, 3.40K OHMS 1% 1/16W 0603	CR16-3401FM
87	1	R60	RES, 9.1K OHMS 5% 1/16W 0603	AAC CR16-912JM
88	1	R61	RES, 6.2K OHMS 5% 1/16W 0603	AAC CR16-622JM
89	0	R64	RES, 10 OHM 5% 1/4W 1206	AAC CR18-100JM OPTION
90	1	T1	XRFM, PULSE PA0191	PULSE PA0191
91	1	T2	XFMR, PULSE ENG'R. P2033	PULSE ENG. P2033
92	1	U3	IC, LT3781EG	LINEAR TECH. LT3781EG
93	1	U4	IC, LTC1698EGN	LINEAR TECH. LTC1698EGN
94	1	U5	IC, LT3710EFE	LINEAR TECH. LT3710EFE
	2	JP1,JP2	SHUNT, 2PIN 2mm	COMM CCIJ2MM-138-G
	4		SCREW, 4-40, 0.25" LONG	ANY
	4		STANDOFF, NYLON HEX 4-40 0.5" LONG	MICROPLASTICS 14HTSP003