

Item	Qty	Ref	Desc	Part Number
1	1	BR1	BRIDGE RECTIFIER, SINGLE PHASE	GENERAL SEMI DF01SA
2	1	CC1	CAP,0603 1000pF 10% 50V X7R	AVX 06035C102KAT
3	0	CC2,C15,C17	CAP,0603 OPTION	OPTION
4	1	C1A	CAP, 4.7uF 20% 100V ELEC	PANASONIC ECEV2AA4R7P
5	1	C1B	CAP, 2220 2.2uF 10% 100V X7R	TDK C5750X7R2A225KT
6	2	C11,C2	CAP,0603 0.01uF 20% 100V X7R	AVX 06031C103MAT
7	2	C4,C3	CAP, 1206 0.1uF 5% 100V X7R	AVX 12061C104JAT
8	1	C5	CAP, 0805 4.7uF 10% 6.3V X5R	MURATA GRM40-034X5R475K6.3AL
9	1	C6	CAP, 0805 1uF 20% 10V X7R	TAIYO YUDEN LMK212BJ105MG-T
10	2	C16,C7	CAP, 1206 0.068uF 10% 100V X7R	AVX 12061C683KAT4A
11	1	C8	CAP, 1808 0.001uF 20% 2KV X7R	AVX 1808GC102MAT
12	4	C9,C10,C12,C13	CAP, 1812 100uF 6.3V X5R	TDK C4532X5ROJ107M
13	0	C14	DO NOT STUFF	NONE
14	2	D2,D1	DIODE, RECOVERY RECTIFIER SMB	DIODES INC.S1B
15	1	D3	DIODE, TRANSIENT VOLTAGE SUPRESSOR 400W	DIODES INC. SMAJ58A
16	1	D4	DIODE, ZENER MMBZ5235B 5% 6.8V SOT-23	DIODES INC. MMBZ5235B
17	1	D5	DIODE,SCHOTTKY BARRIER RECTIFIER 40V 8A	MICROSEMI UPS840
18	1	D6	DIODE, SWITCHING 350mW	DIODES INC. MMBD4148
19	6	JP0-JP6	HEADER,2PIN, 2mm	COMM CON 2802S-02G2
20	1	JP5	HEADER,3 PINS 2mm	COMM 2802S-03G2
21	2	J2,J1	CONN,RJ-45	STEWART CONN. SYS. INC. SS-6888-NF-C40
22	1	L1	DIODE, 1uH 0.5a 100MHz	TAIYO YUDEN LQLB2518T1R0M
23	1	Q1	XSTR, 2N7002 N-CHANNEL MOSFET	ZETEX 2N7002TA
24	1	Q2	XSTR, FMMT625 NPN SWITCHING XSTR SOT23	ZETEX FMMT625
25	1	Q3	XSTR, FDC2512 N-CHANNEL MOSFET	FAIRCHILD FDC2512
26	1	Q4	XSTR, NPN SILICON PLANAR SOT23	ZETEX FMMT2222
27	1	RC	RES,0603 12K OHM 5% 1/16W	ACC CR16-123JM
28	1	RS	RES, 0805 0.1 OHM 1% 1/4W	PRECIS. RES. PRODS. LRC1220L-TC75-0.1R-+/-1%
29	1	RT	RES,0603 80.6K 1% 1/16W	ACC CR16-8062FM
30	1	R1	RES,0805 124 OHM 1% 1/10W	ACC CR10-1240FM
31	1	R2	RES,0805 68.1 OHM 1% 1/10W	ACC CR10-68R1FM
32	1	R3	RES,0805 45.3 OHM 1% 1/10W	ACC CR10-45R3FM
33	1	R4	RES,0805 30.9 OHM 1% 1/10W	ACC CR10-30R9FM
34	4	R5,R6,R7,R8	RES,0603 51 OHM 5% 1/16W	AAC CR16-510JM
35	1	R18	RES,0805 10K OHM 5% 1/10W	AAC CR10-103JM
36	3	R9,R10,R13	RES,0805 100K OHM 5% 1/10W	AAC CR10-104JM

37	2	R11,R12	RES,0805 75 OHM 5% 1/16W	AVX CR10-750J
38	1	R14	RES,0603 12.4K OHM 1% 1/16W	ACC CR16-1242FM
39	1	R15	RES,0603 21K OHM 1% 1/16W	ACC CR16-2102FM
40	1	R16	RES,0805 100 OHM 5% 1/8W	AAC CR10-101JM
41	1	R17	RES,0805 750 OHM 5% 1/10W	AAC CR10-751JM
43	1	R19	RES, 2512 20 OHM 1% 1W	IRC CHP1-100-20R0-F-13
44	4	TP8,TP10,TP11,TP12	TURRETS	MILLMAX 2501-2
45	1	T1	XFMR,10/100 BASE-T SINGLE PORT XFMR MODULE	PULSE H2019
46	1	T2	XFMR, OUTPUT	COOPER ELECT. CTX-02-15242
47	1	U1	IC,LTC4257IS8	LINEAR TEC. LTC4257IS8
48	1	U2	IC, LTC1871EMS	LINEAR TECH. LTC1871EMS
49	0	XU1	IC,LTC4257DFN - ALTERNATE	LINEAR TEC. LTC4257DFN8
50	5	JP1-JP5	SHUNT, .079" CENTER	COMM CON CCIJ2MM-138G
51	4		SCREW, 4-40 1/4"	ANY
52	4		STANDOFF, NYLON 4-40 1"	