

ITEM	QTY	REF	Part Number	Value	Description	MFR
1	3	C8 C13 C18	GRM188R71H103KA01D	.01u	CAP CER 10000PF 50V 10% X7R 0603	MuRata
2	1	C1	GRM188R71E104KA01D	.1u	CAP CER .1UF 25V 10% X7R 0603	MuRata
3	1	C10	GRM188R71C474KA88D	0.47u	CAP CER .47UF 16V X7R 0603	MuRata
4	1	C12	GRM1885C1H221JA01D	220p	CAP CER 220PF 50V 5% C0G 0603	MuRata
5	2	C5 C7	GRM188R72A271KA01D	270p	CAP CER 270PF 100V 10% X7R 0603	MuRata
6	2	C11 C14	GCM21BR71E105KA56L	1.0u	CAP CER 1UF 25V X7R 0805	MuRata
7	1	C6	GRM31CR72A105KA01L	1uF	CAP CER 1UF 100V X7R 1206	muRata
8	1	C3	GRM32ER72A225KA35L	2.2u	CAP CER 2.2UF 100V X7R 1210	MuRata
9	1	C4	GRM32ER72A225KA35L	2.2u	CAP CER 2.2UF 100V X7R 1210	MuRata
10	2	C15-16	DE2E3KY102MA2BM01	1nF	CAP 1000PF 250VAC E X1Y2 RAD	MuRata
11	2	C2 C9	ECQ-E2104KB	0.1uF/250V	CAP .1UF 250V METAL POLYESTER	Panasonic
12	1	C17	EEUFC2A221L	220uF/100V	CAP 220UF 100V ELECT FC RADIAL	Panasonic
13	1	C44	EEU-FC2A221L	220uF/100V	CAP 220UF 100V ELECT FC RADIAL	Panasonic
14	1	L1	CMT1-.6-15L	0.6mH	Common Mode Choke, 0.6mH, 15A	CoilCraft
15	1	J1	BR0206	{Value}	Connector, Battery, 5A, 125V, 100 mil Pitch	{MFR}
16	1	D2	MURA120T3	MURA120	Rectifier, Ultrafast Power, 200V 1A	On Semi
17	3	D3 D5 D52	MMSZ15T1G	15V	DIODE ZENER 15V 500MW SOD-123	Onsemi
19	1	L3		47uH		TDK
20	1	U2	LMV321DBV	LMV321DBV	IC, Op-Amp Low Voltage Rail-to-Rail Output, 130 µA Typ.	TI
21	2	D1 D4	MBRB60H100CTT4G	MBRB60H100CTT4G	DIODE SCHOTTKY 100V 30A H D2PAK	OnSemi
22	1	E2	ERZ-V10D680	ERZ-V10D680	SUR ABSORBER 10MM 68V 500A ZNR	Panasonic
23	1	R15	RC0603JR-071K1L	1.1K	RES 1.1K OHM 1/10W 5% 0603 SMD	Yageo
24	1	R9	RC0603FR-071K47L	1.47K	RES 1.47K OHM 1/10W 1% 0603 SMD	Yageo
25	1	R6	RC0603JR-0710RL	10	RES 10 OHM 1/10W 5% 0603 SMD	Yageo
26	2	R21-22	RC0805FR-0710RL	10	RES 10.0 OHM 1/8W 1% 0805 SMD	Yageo
27	1	R20	RC0603JR-07100RL	100	RES 100 OHM 1/10W 5% 0603 SMD	Yageo
28	1	R19	RC0603JR-0710KL	10K	RES 10K OHM 1/10W 5% 0603 SMD	Yageo
29	1	R14	RC0603FR-0713K3L	13.3K	RES 13.3K OHM 1/10W 1% 0603 SMD	Yageo
30	1	R7	RC0603JR-071KL	1K	RES 1.0K OHM 1/10W 5% 0603 SMD	Yageo
31	3	R11 R16-17	RC0603JR-0720KL	20K	RES 20K OHM 1/10W 5% 0603 SMD	Yageo
32	1	R12	RC0603FR-074K42L	4.42K	RES 4.42K OHM 1/10W 1% 0603 SMD	Yageo
33	1	R4	RC0805FR-075K11L	5.11K	RES 5.11K OHM 1/8W 1% 0805 SMD	Yageo
34	1	R2	RC0603FR-075K62L	5.62K	RES 5.62K OHM 1/10W 1% 0603 SMD	Yageo
35	1	R13	RC0603FR-0753K6L	53.6K	RES 53.6K OHM 1/10W 1% 0603 SMD	Yageo
36	1	R3	RC1206FR-071KL	1K	RES 1.00K OHM 1/4W 1% 1206 SMD	Yageo
37	1	R5	RC1206FR-07300KL	300K	RES 300K OHM 1/4W 1% 1206 SMD	Yageo

38	1	R1	RC1206FR-0747KL	47K	RES 47.0K OHM 1/4W 1% 1206 SMD	Yageo
39	2	R8 R36	LVR03R0200FE70	0.02	RES .02 OHM 1% 3W METAL STRIP	Vishay
40	4	Q4-6 Q12	2N7002	2N7002	MOSFET, N-ch, 60-V, 115-mA, 1.2-Ohms	Diodes
41	2	Q2 Q10	IPB097N08N3 G	IPB097N08N3 G	MOSFET N-CH 80V 70A TO263-3	Infineon
42	2	Q11 Q13	MMBT3904LT1	MMBT3904LT1	TRANSISTOR HI-VOLT NPN SOT-23	On Semi
43	1	Q8	PZT2222A	PZT2222A	Trans, GP NPN Amplifier, 40Vceo, 1A	Fairchild
44	1	Q9	PZT2907A	PZT2907A	Transistor, PNP, 60-V, 800-mA, 1000-mW	Fairchild
45	2	Q3 Q7	Si4108DY	Si4108DY	MOSFET N-CH 75V 20.5A 8-SOIC	Vishay
46	1	Q1	FZT757TA	FZT757TA	TRANS PNP -300V -500MA SOT-223	ZETEX
47	1	U3	UCC2809D-1	UCC2809-1	IC ECONOMY PRIM SIDE CONT 8-SOIC	TI
48	5	J2-6	CX35-36-C	CX35-36-C	LUG FIXED, #6-14, 50A, 3/16 inch, Copper/Tin, Uninsulated	Panduit

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