

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	1	B1	RECTIFIER, BRIDGE 600V 0.8A	DIODES INC. HD06-T
2	1	C1	CAP, 33nF 20% 310VAC MKP	VISHAY BFC233920333
3	1	C2	CAP, 1812 22nF 5% 630V C0G	TDK C4532C0G2J223J
4	1	C3	CAP, 1210 10uF 20% 50V X7S	TAIYO YUDEN UMK325C7106MM-T
5	1	C4	CAP, 68nF 10% 450V RADIAL	RUBYCON 450MMK683K
6	1	C6	CAP, 0603 0.1uF 10% 16V X7R	MURATA GRM188R71C104KA01D
7	1	C7	CAP, 0603 68nF 10% 50V X7R	AVX 06035C682KAT2A
8	1	C8	CAP, 0805 4.7uF 10% 25V X5R	TDK C2012X5R1E475K
9	1	C13	CAP, 0805 2.2nF 10% 250V U2J	MURATA GRM21A7U2E222JW31D
10	1	C20	CAP, 2.2nF 10% 550VAC TYPE "Y1"	VISHAY 440LD22-R
11	1	C21	CAP, 0603 4.7pF +/-25pF 50V NP0	AVX 06035A4R7CAT2A
12	1	C22	CAP, 1500uF 20% 6.3V ELEC	SANYO 6SEPC1500M+T
13	1	D1	DIODE, ULTRA FAST RECOVERY RECTIFIER	CENTRAL SEMI CMMR1U-06 TR
14	2	D2,D8	DIODE, FAST SWITCHING	DIODES/ZETEX BAV20W-7-F
15	1	D7	DIODE, SCHOTTKY BARRIER RECTIFIER	CENTRAL SEMI CSMH2-40L TR13
16	1	D9	DIODE, ZENER 1.5 WATT	CENTRAL SEMI CMZ5937B TR13
17	3	L1,L2,L3	IND, 3.3mH, SMD	COILCRAFT LPS6235-335ML
18	1	Q1	XSTR, MOSFET, N-CHANNEL 600V	INFINEON SPU04N60S5
19	2	R1,R5	RES, 1206 100k OHMS 5% 1/4W	VISHAY CRCW1206100KJNEA
20	1	R2	RES, 0805 200k OHMS 5% 1/8W	VISHAY CRCW0805200KJNEA
21	2	R3,R18	RES, 0603 100k OHMS 1% 1/10W	VISHAY CRCW0603100KFKEA
22	1	R4	RES, 0603 4.99k OHMS 1% 1/10W	VISHAY CRCW06034K99FKEA
23	1	R8	RES, 1206 300m OHMS 1% 1/4W	VISHAY RCWE1206R300FKEA
24	1	R9	RES, 0603 20 OHMS 5% 1/10W	VISHAY CRCW060320R0JNEA
25	1	R10	RES, 1210 100 OHMS 5% 1/4W	VISHAY CRCW1210100R0JNEA
26	2	R11,R16	RES, 1206 499k OHMS 1% 1/4W	VISHAY CRCW1206499KFKEA
27	1	R12	RES, 0603 3.48k OHMS 1% 1/10W	VISHAY CRCW06033K48FKEA
28	2	R17,R24	RES, 0805 10k OHMS 5% 1/8W	VISHAY CRCW080510K0JNEA
29	1	R19	RES, 0603 40.2k OHMS 1% 1/10W	NIC NRC06F4022TRF
30	1	R20	RES, 0603 24.9k OHMS 1% 1/10W	VISHAY CRCW060324K9FKEA
31	1	R30	RES, 1210 750 OHMS 5% 1/2W	VISHAY CRCW1210750R0JNEA
32	1	R32	RES, 0603 10k OHMS 5% 1/10W	NIC NRC06J103TRF

33	1	T1	XFMR, FLYBACK (T201)	WURTH ELEKTRONIK 750813002
34	1	U1	IC, DUAL TRAIC DMMABLE OFFLINELED DRIVER	LINEAR TECH. LT3799EMSE
<i>HARDWARE</i>				
	2	E4,E5	TURRET	MILL-MAX 2308-2-00-80-00-00-07-0