

Bill of Materials

Line Reference	Number of parts	Component value	Part name	Reference Designator
1	4	100u	50 volt electrolytic	C101,C102,C105,C106
2	2	2200u	50 volt electrolytic	C103,C104
3	1	10n	Mylar capacitor	C107
4	1	1.0n	Mylar capacitor	C108
5	2	10u	50 volt electrolytic	C109,C110
6	4	1N4001	Diode, rectifier	D101,D102,D103,D107
7	1	1N5240B-blk	Diode, 10 volt zener	D104
8	1	Green	LED	D105
9	2	1N4148	Diode, general purpose	D106,D109
10	1	Yellow	LED	D108
11	1	Plug	AC line (see text)	P101
12	1	IRF-5305	P-channel power FET	Q101
13	3	2N2222a	NPN General Purpose	Q102,Q103,Q104
14	3	4.7K	Resistor, ¼W, 5%	R101,R113,R119
15	4	1.0K	Resistor, ¼W, 5%	R102,R111,R112,R122
16	1	100	Resistor, ¼W, 5%	R103
17	7	100K	Resistor, ¼W, 5%	R104,R105,R106,R109,R1
18	4	1.0M	Resistor, ¼W, 5%	R107,R115,R116,R121
19	1	1.8K	Resistor, ¼W, 5%	R108
20	1	100K	Resistor, variable	R118
21	1	10K	Resistor, ¼W, 5%	R120
22	1	110 acv : 18 acv	Transformer (see text)	T101
23	1	LM324	Linear Integrated Ckt.	U101
			The usual miscellaneous chassis, nuts, bolts, wire, and such.	