

6N11 + LM3886 Bill of Material			
1	3	B1,B2,B3	Bridge Rectifier : B1 and B3: 200V 2A ; B2:
2	4	CC11,C11,CC13,C13	47u 50V E-Cap
3	4	CC12,C12,CC14,C14	22uF50V E-Cap
4	1	CC15	33uF 50V E-Cap
5	2	CC20,C20	3.3uF 100V film Cap
6	2	C1,C2	10000uF 50V E-Cap
7	7	C3,C4,C6,C7,C29,C32,C33	0.1uF 100V ceramic
8	1	C5	2200uF 16V E-cap
9	1	C8	1000uF 10V E-Cap
10	1	C10	330uF 160V E-Cap
11	1	C15	100uF 50V E-Cap
12	1	C16	47uF 50V E-Cap
13	1	C17	0.022uF 50V
14	2	C21,C31	2.2uF 100V film cap
15	1	C22	100uF 160V
16	2	D1,D2	1N4001
17	1	D4	1N4148
18	2	D5,D6	GRN & RED LED
19	1	IC3	uPC1237
20	2	JP1,JP2	JUMPER1 2.54mm pitch
21	1	J3	4 pins terminal block
22	1	J4	3 pins terminal block
23	2	LL1,L1	0.22uH 5-10 turns on ferrite or just a jumper
24	2	O/P Rch,O/P Lch	4 pins terminal block
25	6	R8,R10,R21,R25,R**,R*	33K 1/4W
26	7	RR1,R1,RR3,R3,RR5,R5 ,R6	1K 1/4W ( R6 is 1W rating)
26a	2	RR1,R1	0.15R 1W
27	4	RR2,R2,RR4,R4	22K 1/4W
28	2	R7,R23	330 1/4W
29	2	R9,R24	470K 1/4W
30	1	R13	270 1W
31	1	R14	10K 1/4W
32	1	R15	15K 1/4W
33	3	R16,R17,R18	56K 1/4W
34	1	R19	4.7K 1/4W
35	1	R20	4.7K 1/4W
36	2	R30,R31	10 1W
37	2	U1,001	LM3886/TO220
38	1	U2	LM7806
39	2	U5	6N11
40	1		24V relay DPDT Omron G2R-2-24VDC