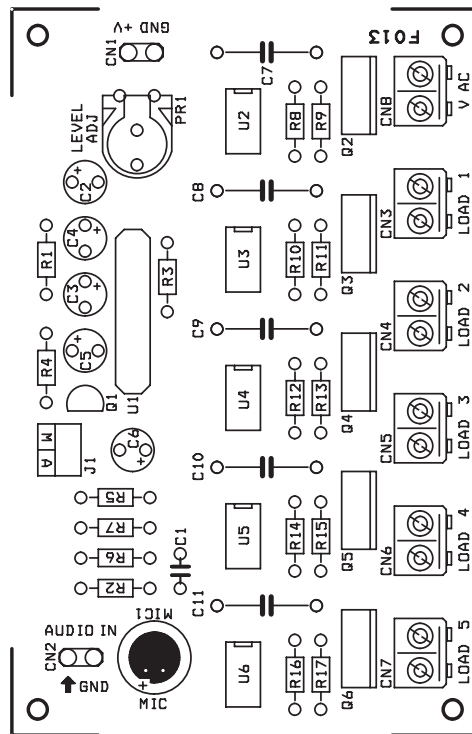
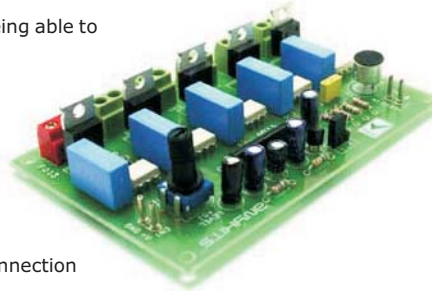


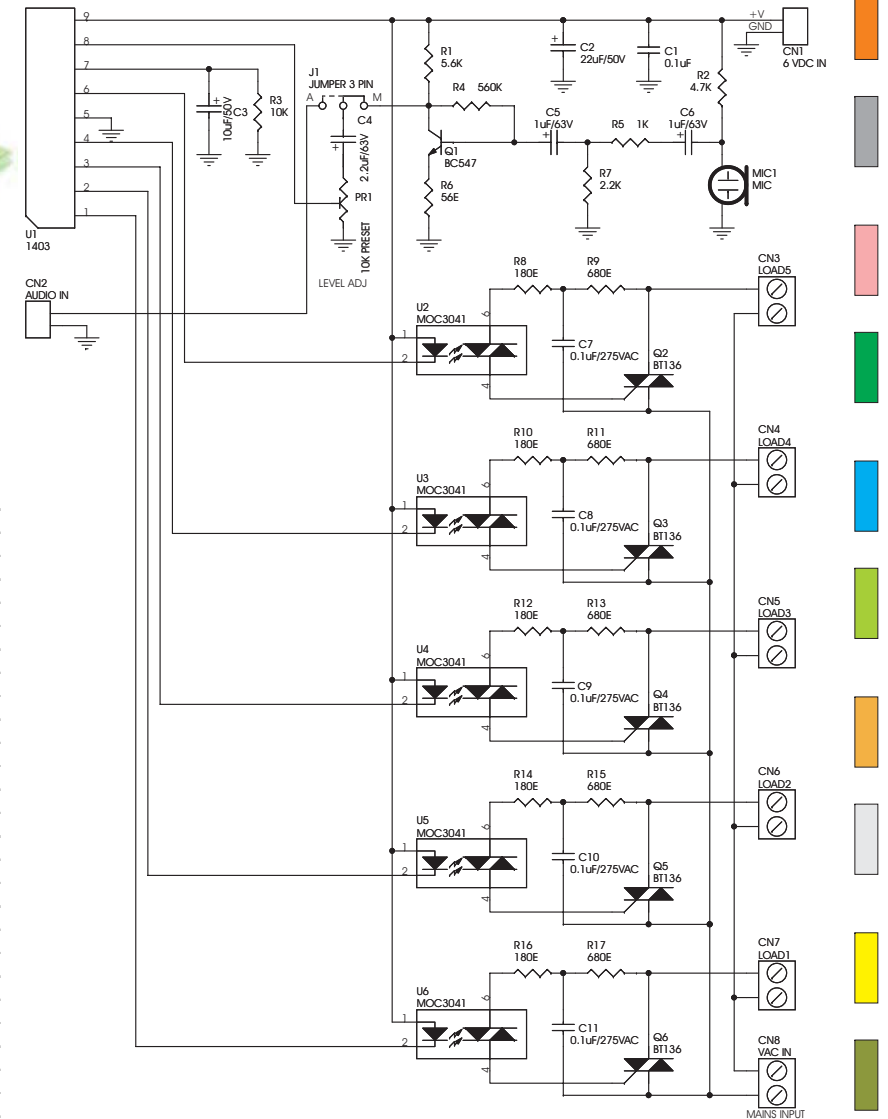
F013 5 LAMP DISCO LIGHTS

5 Lamp Disco Lights is very similar to our J009 kit with the difference of being able to light bulbs with the use of Triac.

- Power supply input : 6 ~ 12 VDC
- Mains supply 230 VAC or 110 VAC
- Output 100 W on each channel
- Jumper selectable audio source
- Input / Output isolated with use of optocoupler
- Onboard preset to adjust audio level to the IC
- Onboard mic capsule with preamp
- Terminal pins for connecting DC power supply
- Power Battery Terminal (PBT) for easy input mains supply and load connection
- Four mounting holes of 3.2 mm each
- PCB dimensions 69 mm x 107 mm



SR.	QTY.	REF.	DESCRIPTION
1	1	CN1	2 PCB PINS
2	1	CN2	2 PCB PINS
3	1	CN3	2 PIN PBT CONNECTOR
4	1	CN4	2 PIN PBT CONNECTOR
5	1	CN5	2 PIN PBT CONNECTOR
6	1	CN6	2 PIN PBT CONNECTOR
7	1	CN7	2 PIN PBT CONNECTOR
8	1	CN8	2 PIN PBT CONNECTOR
9	1	C1	0.1uF
10	1	C2	22uF/50V
11	1	C3	10uF/50V OR 63V
12	1	C4	2.2uF/63V
13	2	C5,C6	1uF/63V
14	5	C7,C8,C9,C10,C11	0.1uF/275VAC
15	1	J1	3 PIN JUMPER WITH CLOSER
16	1	MIC1	ELECTRET CONDENSER MIC
17	1	PR1	10K PRESET
18	1	Q1	BC547
19	5	Q2,Q3,Q4,Q5,Q6	BT136
20	1	R1	5.6K
21	1	R2	4.7K
22	1	R3	10K
23	1	R4	560K
24	1	R5	1K
25	1	R6	56E
26	1	R7	2.2K
27	5	R8,R10,R12,R14,R16	180E
28	5	R9,R11,R13,R15,R17	680E, 1E
29	1	U1	1403
30	5	U2,U3,U4,U5,U6	MOC3041



R9,R11,R13,R15,R17 : 680E for 230 VAC
R9,R11,R13,R15,R17 : 1E for 110 VAC

