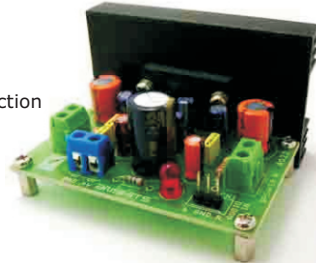


5W STEREO AUDIO AMPLIFIER

5W Stereo Audio Amplifier project based on BA5406 IC is suitable for application like stereo radio cassette player, stereo components systems etc.

- Power supply 12 VDC
- Output 5 W + 5W, 3 Ω
- Input resistance 100 KΩ
- Good distortion (THD - 0.3%), Good channel balance
- Berg pins for connecting of inputs
- Screw terminal connector for easy power supply input and speakers connection
- Power-On LED indicator
- Heatsink for IC
- Four mounting holes of 3.2 mm each with nut and stud
- PCB dimensions 45 mm x 73 mm



SR.	QTY.	REF.	DESCRIPTION
1	1	CN1	3 PIN BERG CONNECTOR
2	1	CN2	2 PIN SCREW TERMINAL CONNECTOR
3	2	C1,C2	2.2uF/63V OR 50V
4	2	C3,C4	470uF/25V
5	3	C5,C6,C11	47uF/25V
6	2	C7,C8	0.22uF
7	2	C9,C10	33uF/35V
8	1	C12	100uF/25V
9	1	C13	1000uF/25V
10	1	C14	0.1uF
11	1	D1	RED LED
12	1	LS1	2 PIN SCREW TERMINAL CONNECTOR
13	1	LS2	2 PIN SCREW TERMINAL CONNECTOR
14	2	R1,R2	2.2E, 1/2W
15	2	R3,R4	120E
16	1	R5	560E
17	1	U1	BA5406
18	1	HEATSINK	HS02073
19	4	STUD	ST05008
20	4	SCREW	SC02905
21	2	SCREW	SC02912
22	2	NUT	NT02900

