

## 6W MONO AUDIO AMPLIFIER

6W Mono Audio Amplifier project using TDA2003 IC.

- Power supply input 14 VDC
- Output 6 W, 4 Ω
- Input resistance 150 KΩ
- Very low harmonic and cross-over distortion
- IC built in short circuit, thermal over- range, load dump voltage surge protected
- Onboard preset to adjust volume
- Terminal pins for connecting audio input
- Screw terminal connector for easy power supply input and speaker connection
- Power-On LED indicator
- Heatsink provided for IC
- Four mounting holes of 3.2 mm each with nut and stud
- PCB dimensions 33 mm x 71 mm



SR.	QTY.	REF.	DESCRIPTION
1	1	CN1	2 PCB PIN
2	1	CN2	2 PIN SCREW TERMINAL CONNECTOR
3	2	C1,C7	470uF/25V
4	2	C2,C6	0.1uF
5	1	C3	10uF/63V
6	1	C4	1000uF/25V
7	1	C5	39nF
8	1	D1	RED LED
9	1	LS1	2 PIN SCREW TERMINAL CONNECTOR
10	1	PR1	10K PRESET
11	1	R1	220E
12	1	R2	39E
13	1	R3	1E
14	1	R4	2.2E
15	1	R5	1K
16	1	U1	TDA2003
17	4	STUD	ST05008
18	4	SCREW	SC02905
19	1	SCREW	SC02909
20	1	NUT	NT02900
21	1	HEATSINK	HS02070

