

0.3W TINY AUDIO AMPLIFIER

The Tiny Audio Amplifier kit is a good choice for battery operation. It is based on National Semiconductor LM386 IC, useful in various application like Robotics, science projects, intercom, FM radio and many more.

Wide power supply input 6 to 12 VDC

300 mW output @ 8 Ohms load

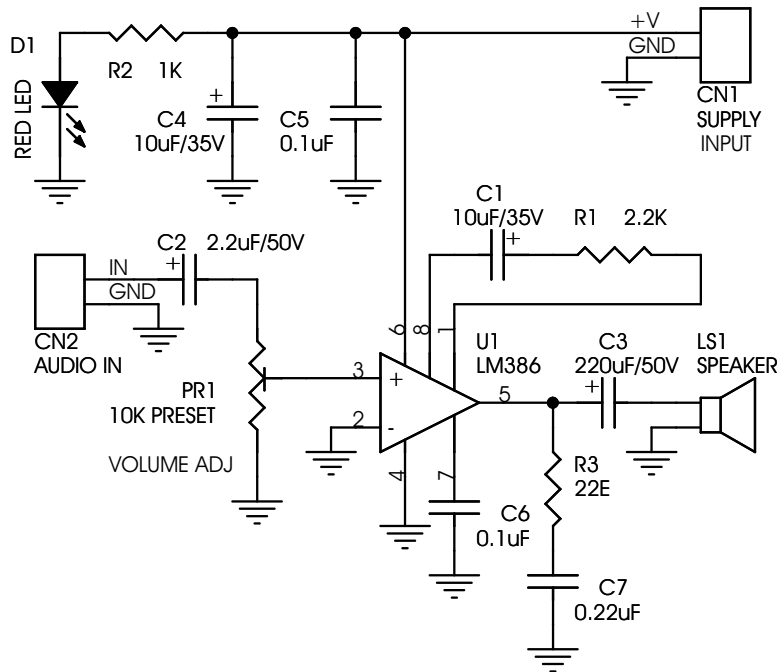
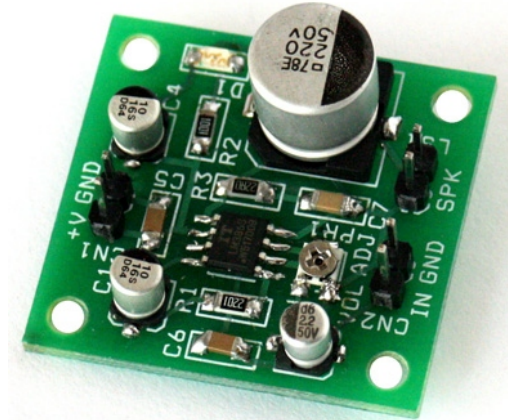
Low quiescent current drain 4 mA IC

Onboard preset for volume adjust

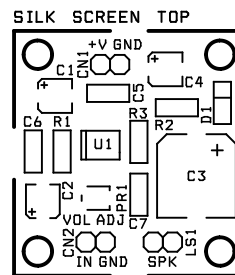
Berg connector for connecting power supply, audio signal and speaker

Onboard power indication LED

Takes standard Audio signal level



CN1-DC supply 6V-12V DC
CN2-Audio signal Input
D1-Power indicator
PR1-Volume control



SR.	QTY.	REFERENCE	DESCRIPTION
1	1	CN1	2 PIN BERG CONNECTOR
2	1	CN2	2 PIN BERG CONNECTOR
3	2	C1,C4	10uF/35V
4	1	C2	2.2uF/50V
5	1	C3	220uF/50V
6	2	C5,C6	0.1uF
7	1	C7	0.22uF
8	1	D1	RED LED
9	1	LS1	2 PIN BERG CONNECTOR
10	1	PR1	10K PRESET
11	1	R1	2.2K
12	1	R2	1K
13	1	R3	22E
14	1	U1	LM386