

Sound-Sensor User Manual

1. Product features

Audio amplifier chip	LM386 (Zoom in 200 times)
voltage	3.3V-5.3V
Fixed hole size	2.0mm

Principle:

LM386 is an audio set success rate amplifier, which has the advantages of low power consumption, adjustable internal chain gain, large power supply voltage range, less external components and small total harmonic distortion. It is mainly used in low voltage consumer products. To minimize the peripheral components, the voltage gain is built-in to 20. If an external resistance and capacitance are added between one pin and 8 pin, the voltage gain can be adjusted to any value within 200.

2. Main application

Detect the presence or absence of ambient sound and judge the sound intensity.

3. Interface definition

PIN	Name	Description
1	GND	GROUND
2	DOUT	Digital output
3	VCC	3.3-5.3V

