



## 386AMP Audio Amplifier Module (Arduino compatible)

SKU:DFR0064



### INTRODUCTION

This DFRobot 386AMP audio amplifier module uses the National Semiconductor LM386 audio power amplifier chip. It has 20 voltage gain.

In the 6V power supply, it's static power consumption of only 24mW, the module is suitable for battery-powered forum. The 386AMP audio amplifier can be connected to MIC or MP3 acoustic sensor module, the sound from the speakers after the expansion release. It is ideal for robot human-machine voice interaction and sound amplification.

### SPECIFICATION

- Power supply:4-12V
- Output power:VS = 6V, RL = 8W,P=325mW, Peak output 500mW
- Voltage Gain:VS = 6V, f = 1 kHz, Av=26dB
- Band width:300KHz
- Size:45x30mm (1.8x1.2in)

## **SHIPPING LIST**

- 386AMP audio amplifier module x1
- Loud speaker x1