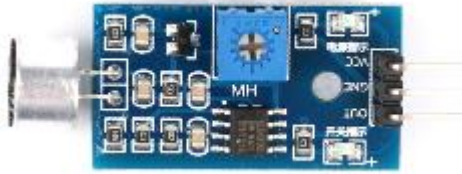


RBS11890 Sound Sensor Modul



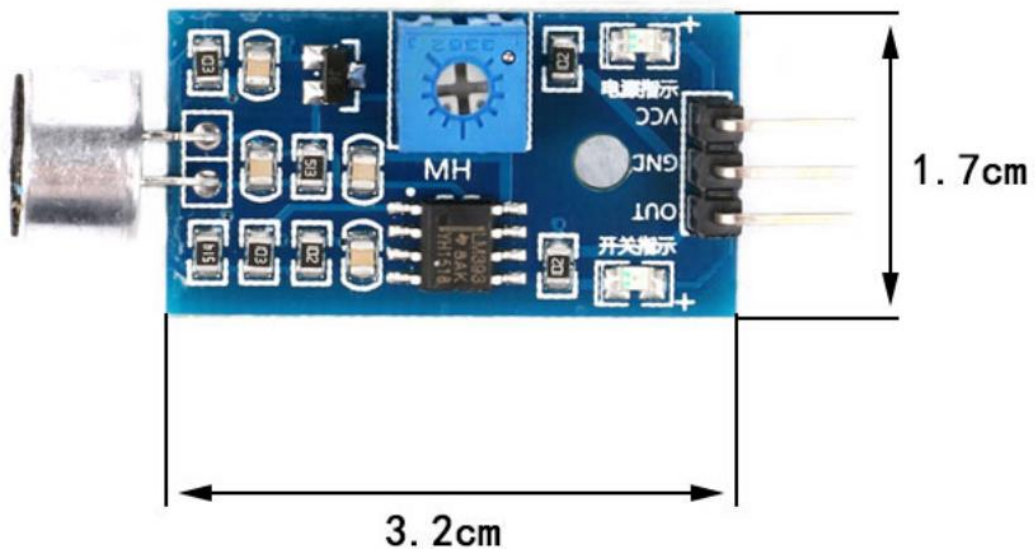
Product Features

The sound module is most sensitive to ambient sound intensity and is generally used to detect the sound intensity of the surrounding environment. The LM393 has a relatively strong output, the signal is clean, the waveform is good, and the driving ability is strong, exceeding 15 mA. It has a fixing bolt hole for easy installation and fixing. Blue digital potentiometer adjusts sensitivity

Product Parameters

- Working voltage: 3.3v-5v
- Output form: digital switching output (0 and 1 high and low level)
- Small board PCB size: 3.2cm*1.7cm

Product Size



Product instructions

VCC is externally connected to 3.3V-5V voltage (can be directly connected to 5V MCU and 3.3V MCU), GND is connected to GND, and the power indicator will be on.

Place the module in a quiet environment, adjust the blue potentiometer on the board until the switch indicator on the board is on, then fine tune back until the switch indicator is off, then generate a sound near the sensor (such as high-five), switch indicator Go back to the lit state, indicating that the sound can trigger the module.

When the ambient sound intensity reaches the set threshold, OUT outputs a high level. When the external ambient sound intensity does not reach the set threshold, OUT outputs a low level, and the small-plate digital output OUT can be directly connected to the single-chip microcomputer. The high and low levels are detected by the single chip microcomputer, thereby detecting the sound of the environment.

