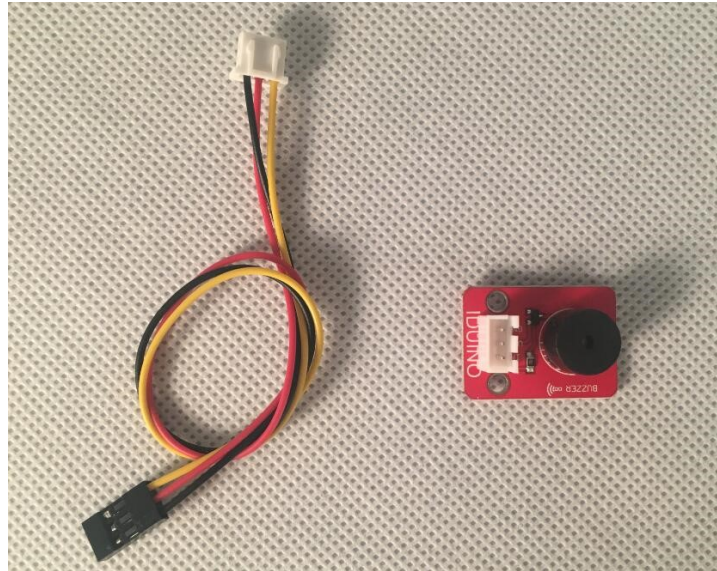
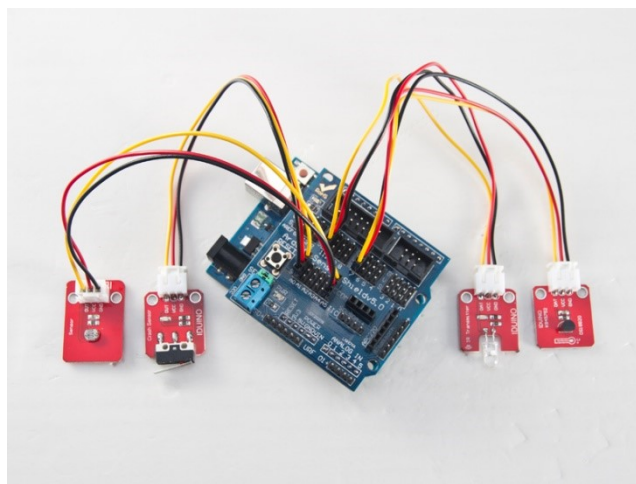


Easy Passive Buzzer Sound Module (SE048)



1. Introduction

This module can make sounds by your HIGH signal , different high or low signal frequency generate beautiful sounds. Its different from active buzzer module(SE047), only the square wave signal can drive it. Because there is no built-in oscillation circuit in this module, so the program is more complicated than the active buzzer module. And, this module has integrated 3-pin terminal, which can be simply and tidily connected with Arduino sensor expansion board, like the following picture:



2 Pinout

Pin	Description
IN	Digital signal input pin
VCC	Power 5V/DC
GND	Ground

3.Example

Wire connection as below:

Vcc-----5V
Gnd-----gnd
IN-----D8

*****Code begin*****

```
int buzzer = 8 ;// setting controls the digital IO foot buzzer
void setup ()
{
  pinMode (buzzer, OUTPUT) ;// set the digital IO pin mode, OUTPUT out of Wen
}
void loop ()
{
  unsigned char i, j ;// define variables
  while (1)
  {
    for (i = 0; i <80; i++) // Wen a frequency sound
    {
      digitalWrite (buzzer, HIGH) ;// send voice
      delay (1) ;// Delay 1ms
      digitalWrite (buzzer, LOW) ;// do not send voice
      delay (1) ;// delay ms
    }
    for (i = 0; i <100; i++) // Wen Qie out another frequency sound
    {
      digitalWrite (buzzer, HIGH) ;// send voice
      delay (2) ;// delay 2ms
      digitalWrite (buzzer, LOW) ;// do not send voice
      delay (2) ;// delay 2ms
    }
  }
}
```

*****Code End*****