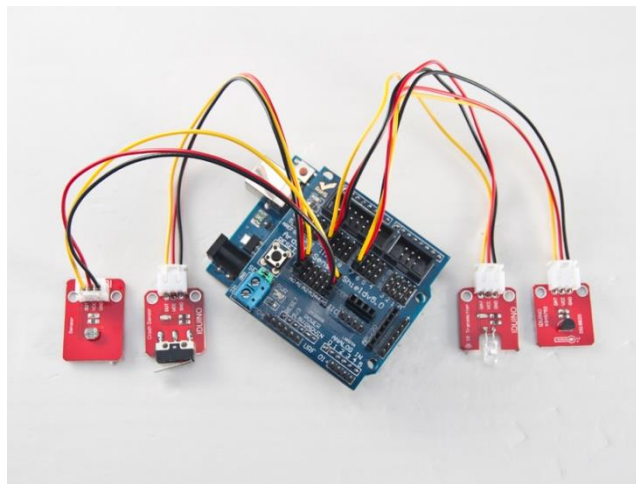


Easy Hit Sensor Module(SE024)



1. Introduction

This module also called knock switch, if you hit this module, the signal pin would pinout High level signal. It's similar with the Hit Sensor Module (SE020), the difference is that this module has one indicator light, which would be on when this module's voltage signal is changed. And, this module has integrated 3-pin terminal, which can be simply and tidily connected with Arduino sensor expansion board, like the following picture:



Specification

- Operation voltage: 5V
- With 3-pin Jumper
- Size:28*15mm
- Weight: 4g

2 Pinout

Pin	Description
OUT	Digital signal output pin, if it detect a knock, it output High level.

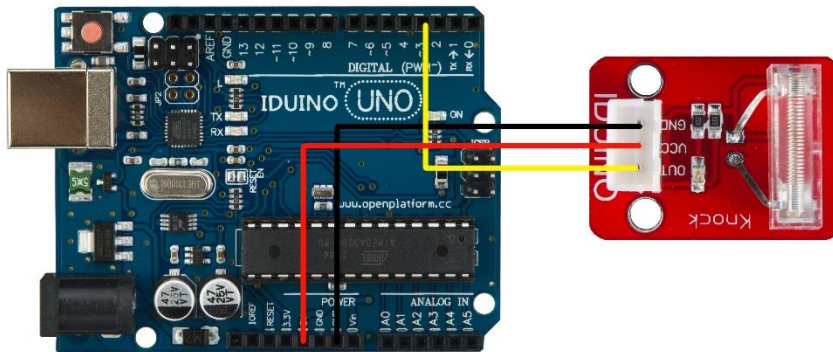
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VCC	Power
GND	Ground

3.Example

This example show you how to use this module to catch a hit, which is different to the shock. If you hit this module, the LED13 will light on.

The connection as below:



Example code :

```
*****Code begin*****  
int Led=13;  
int Shock=3;  
int val;  
void setup()  
{  
pinMode(Led,OUTPUT);  
  
pinMode(Shock,INPUT);  
}  
void loop()  
{  
val=digitalRead(Shock);  
if(val==HIGH)  
{
```

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```
digitalWrite(Led,LOW);  
}  
else  
{  
digitalWrite(Led,HIGH);  
}  
}  
*****Code End*****
```