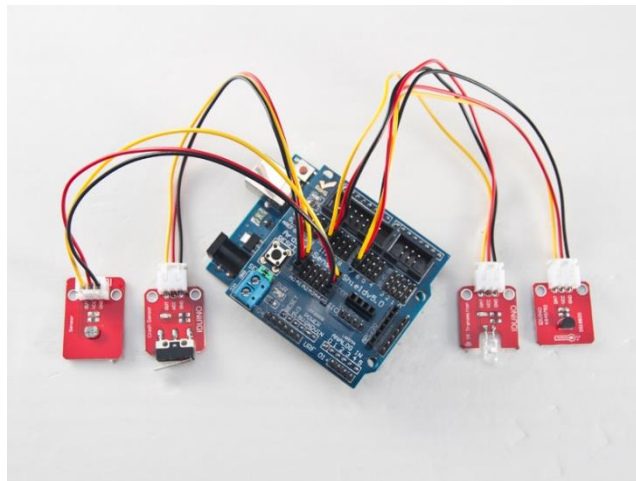


Easy IR Transmitter Module(SE028)



1. Introduction

This module usually used together with the IR Receiver Module, this module's application are very wide in our common life. It's similar with the IR Transmitter Module (ST1087), 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: 25*12mm
- Weight: 4g

2 Pinout

Pin	Description
DAT	Digital signal input pin, if this pin detect a HIGH signal, this module transmit

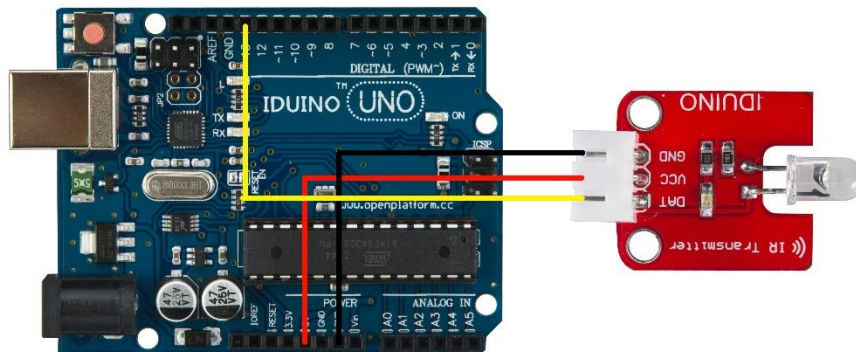
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	infrared light
Vcc	Power
Gnd	Ground

3.example

In this example, we use the basic sketch in the Arduino IDE, blinking this Infrared LED. You can't see the light through your light by your eye, but you can catch the infrared light by an infrared receive device, like module 35, or just a camera.

The connection as below:



Example code :

```
*****Code begin*****  
void setup() {  
  // initialize digital pin 13 as an output.  
  pinMode(13, OUTPUT);  
}  
// the loop function runs over and over again forever  
void loop() {  
  digitalWrite(13, HIGH); // turn the LED on (HIGH is the voltage level)  
  delay(1000);           // wait for a second  
  digitalWrite(13, LOW); // turn the LED off by making the voltage LOW  
  delay(1000);           // wait for a second  
}  
*****Code End*****
```