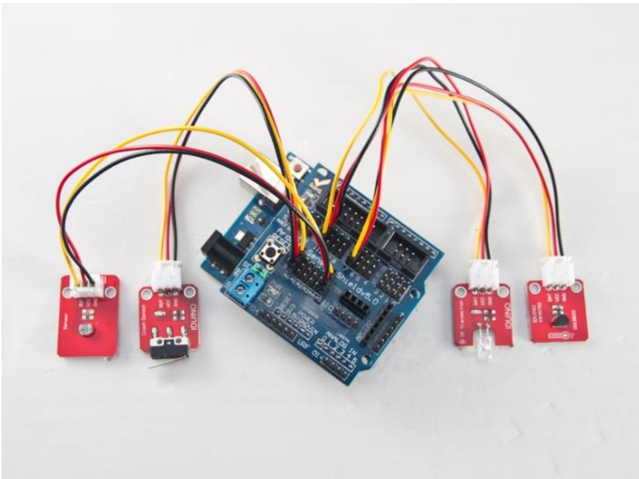
Easy IR Receiver Module(SE027)

1. Introduction

This module usually used together with the IR transmit Module, it can read infrared light value. It' similar with the IR Receiver Module (ST1089), 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

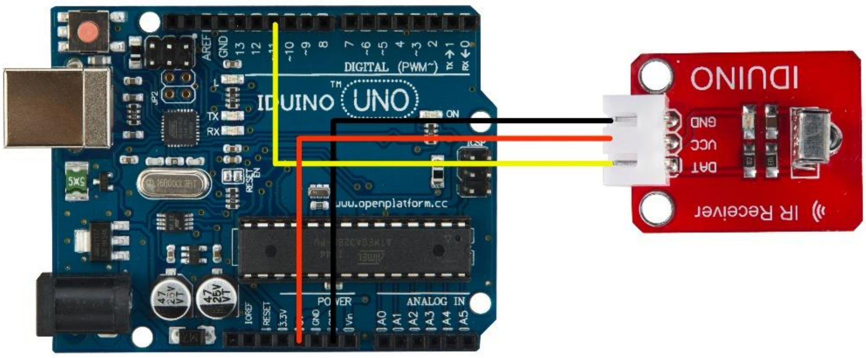
2 Pinout

Pin	Description
DAT	Digital signal input pin, used to read the value of infrared light.
VCC	Power

GND	Ground

3.Example

In this example, you need an Infrared transmit device, like mini remote controller, directly point the remoter to this module, which can read the hexadecimal value of the infrared light and print on the window.
The connection as below:



Example code :

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

```
# Include <IRremote.h>
int RECV_PIN = 11; // define input pin on Arduino
IRrecv irrecv (RECV_PIN);
decode_results results;
void setup ()
{
Serial.begin (9600);
irrecv.enableIRIn (); // Start the receiver
}
void loop () {
if (irrecv.decode (& results)) {
Serial.println (results.value, HEX);
irrecv.resume (); // Receive the next value
```

```
}
}
```

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