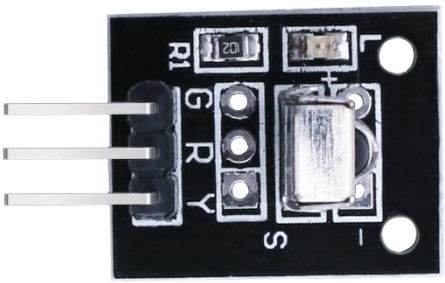
IR Receiver Module

DESCRIPTION:

This module usually used together with the IR transmit Module, This module can read infrared light value and print in the Serial Monitor session.



Specification：

- Operation voltage: 5V
- 3Pin
- Size:24.5*15.5mm
- Weight:1.686g

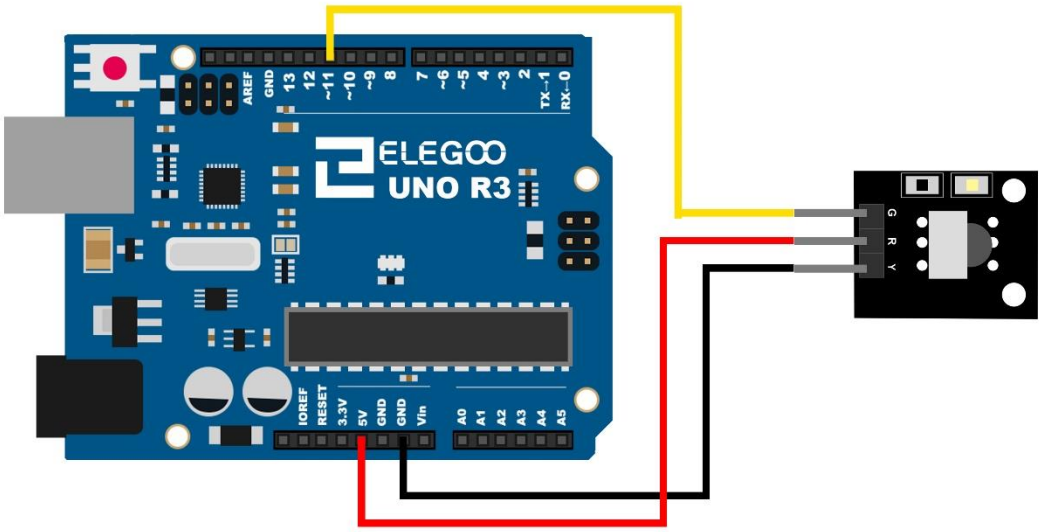
PIN CONFIGURATION:

1、“S”: Digital signal input pin, used to read the value of infrared light.
2、“G”： Grourd
3、“R”: Power (5V DC)

Example:

In this example, you need an Infrared transmit device, likeIR Transmitter Module, or 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:



Code:

```
# 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
}
}
```

Result: