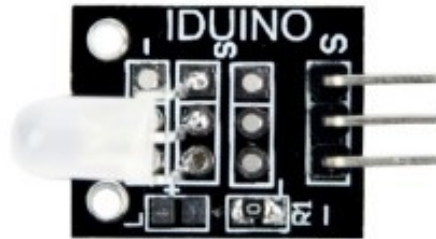


Two Color LED Module 5mm (SE057)



1 Introduction

This module can gradually generate two kinds color, Red and Green, from the one color to the other one. The “s” pin represents Red color and the middle pin means Green color.

Specification:

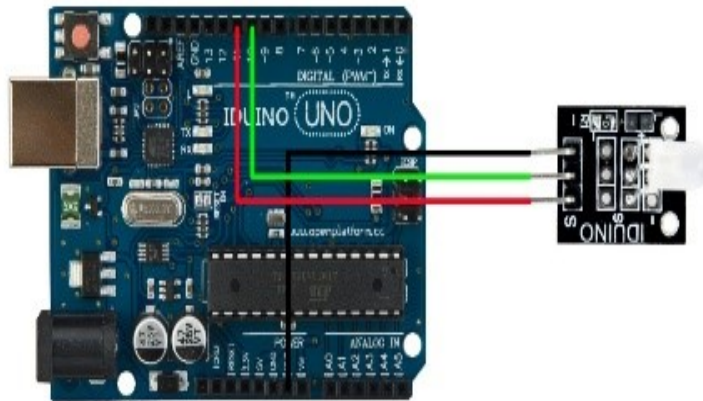
- Color: Green + Red
- Diameter: 5mm
- Case Color: None
- Package Type: Diffusion
- Voltage (V): G :2.3-2 .6 V; R :1.9-2 .2 V
- Using a current (MA): 20
- Viewing angle: Wavelength (NM): 571 +625
- Luminous intensity (MCD) :20-40; 60-80
- Stent type: long-legged

2 pinout

Pin	Description
S	Red color pin
Middle pin	Green color pin
-	Ground

3. Example

Here is a example show that the color of the LED gradually change to Green from Red. The connection as below:



*****Code Begin*****

```
int redpin = 11; // select the pin for the red LED
int greenpin = 10;// select the pin for the greenLED
int val;
void setup () {
  pinMode (redpin, OUTPUT);
  pinMode (bluepin, OUTPUT);
  Serial.begin (9600);
}
void loop ()
{
  for (val = 255; val > 0; val --)
  {
    analogWrite (11, val);
```

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```
analogWrite (10, 255-val);
delay (15);
}
for (val = 0; val <255; val ++)
```

```
{
analogWrite (11, val);
analogWrite (10, 255-val);
delay (15);
}
Serial.println (val, DEC);
}
*****Code End*****
```