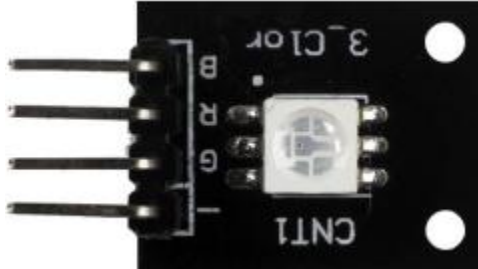


SMD-RGB Experiment

Overview







This lesson will teach you how to use SMD-RGB module, which is simple and easy to use.

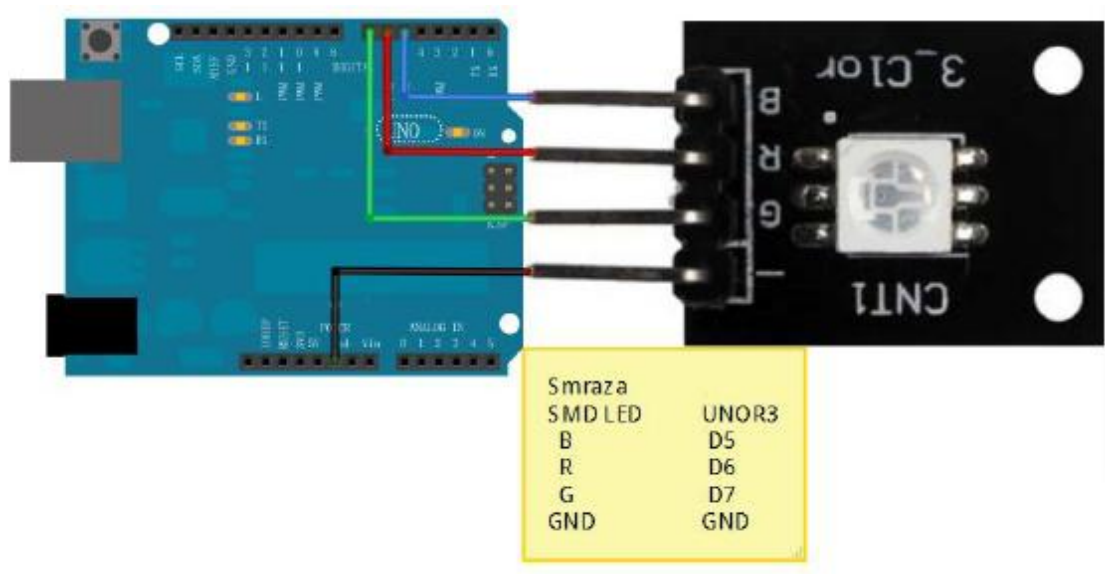
Pin definition

UNO R3	SMD-RGB
D5	B
D6	R
D7	G
GND	"_"

Hardware required

Material diagram	Material name	Number
	SMD-RGB	1
	UNO R3	1
	USB Cable	1
	Male to Female Jumper wires	several

Connection diagram

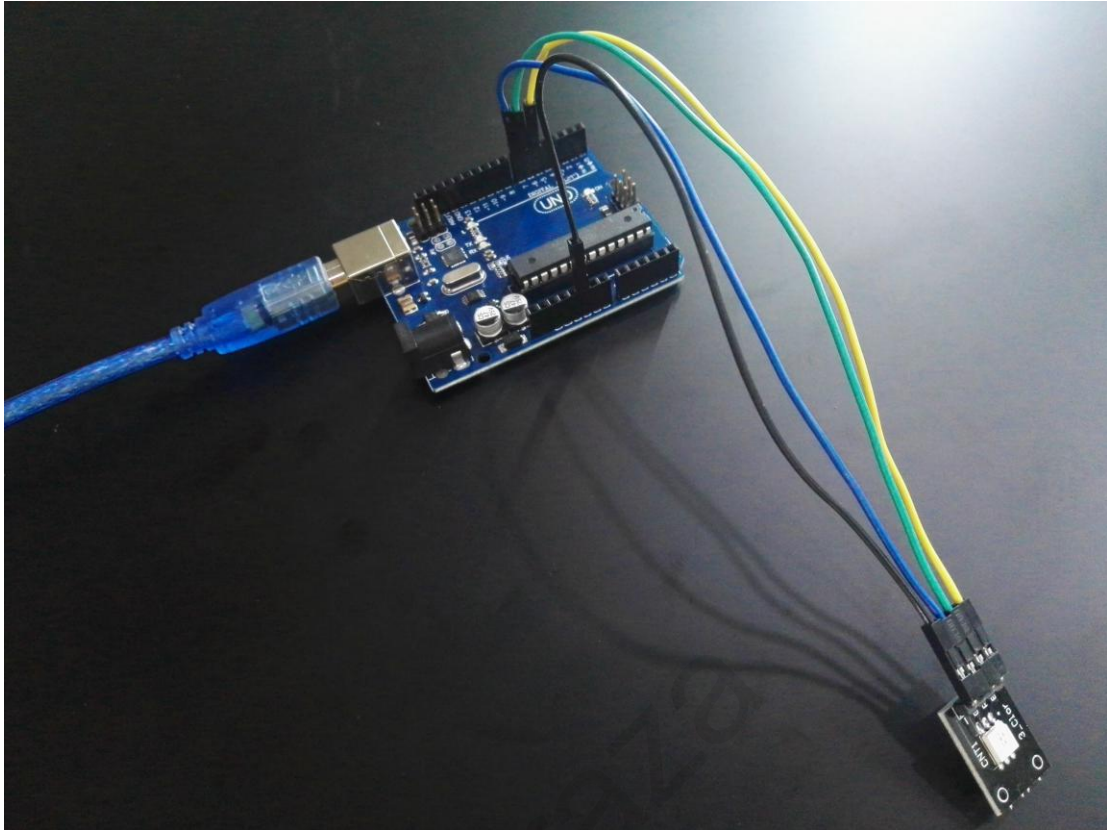


Sample code

Note: sample code under the **Sample code** folder.

```
const int Rled=5;
const int Gled=6;
const int Bled=7;
void setup()
{
    pinMode(Rled,OUTPUT);
    pinMode(Gled,OUTPUT);
    pinMode(Bled,OUTPUT);
}
void loop()
{
    digitalWrite(Rled,HIGH);
    digitalWrite(Gled,LOW);
    digitalWrite(Bled,LOW);
    delay(1000);
    digitalWrite(Rled,LOW);
    digitalWrite(Gled,HIGH);
    digitalWrite(Bled,LOW);
    delay(1000);
    digitalWrite(Rled,LOW);
    digitalWrite(Gled,LOW);
    digitalWrite(Bled,HIGH);
    delay(1000);
}
```

Example picture



Language reference

Tips : Click on the following name to jump to the web page.

If you fail to open, use the Adobe reader to open this document.

[pinMode\(\)](#)

[digitalWrite\(\)](#)

Application effect

When the program is uploaded, you will see the LED loop emit 3 different colors of light.

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* We are a leading manufacturer of electronic components for Arduino and Raspberry Pi.

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