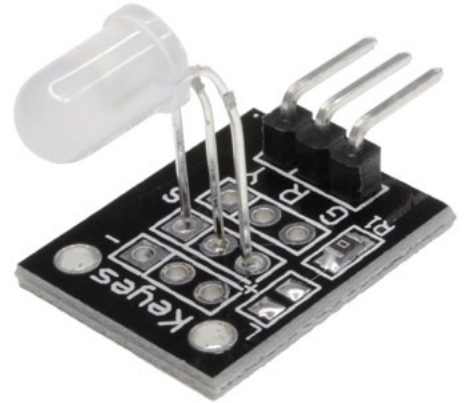


ARD 2 **Arduino Compatibles**
Controllers, Shields, Modules & Sensors

5mm Red & Green LED Module *ARD2-2229*

- 5mm LED that can display either Red or Green colour
- Ideal for indicating a change of state in your project

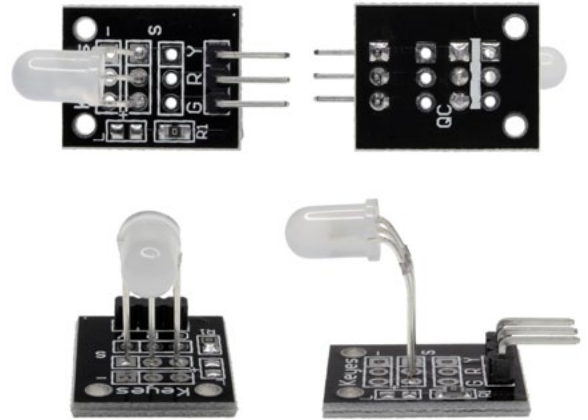


Description

This module features a 5mm LED that can display in either red or green. It's perfect for indicating a changed state in your DIY project.

Specifications

Operating Voltage	G: 2.3–2.6V; R: 1.9–2.2V
Colour (LED)	Red & Green
Diameter	5mm
Current	20mA
Wavelength	571nm & 625nm
Luminous Intensity	20–40MCD; 60–80MCD
Stent Type	Long-legged
Colour (Board)	Black
Material	PCB



Pinout

Module	Arduino	Function
G	D10	Green LED
R	D11	Red LED
Y	GND	Ground Connection

ARD 2 **Arduino Compatibles**
Controllers, Shields, Modules & Sensors**Test Code**

```
int redpin = 11; // select the pin for the red LED
int greenpin = 10; // select the pin for the green LED
int val;

void setup () {
  pinMode (redpin, OUTPUT);
  pinMode (greenpin, OUTPUT);
  Serial.begin (9600);
}

void loop () {
  for(val=255;val>0;val--) {
    analogWrite (11, val);
    analogWrite (10, 255 - val);
    delay(5);
  }
  for(val=255;val<255;val++) {
    analogWrite (11, val);
    analogWrite (10, 255 - val);
    delay(5);
  }
}
```