



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Analog Grayscale Sensor V2 SKU:DFR0022



Analog Grayscale Sensor V2

Contents

- [1 Introduction](#)
- [2 Specification](#)
- [3 Connection Diagram](#)
- [4 Sample Code](#)

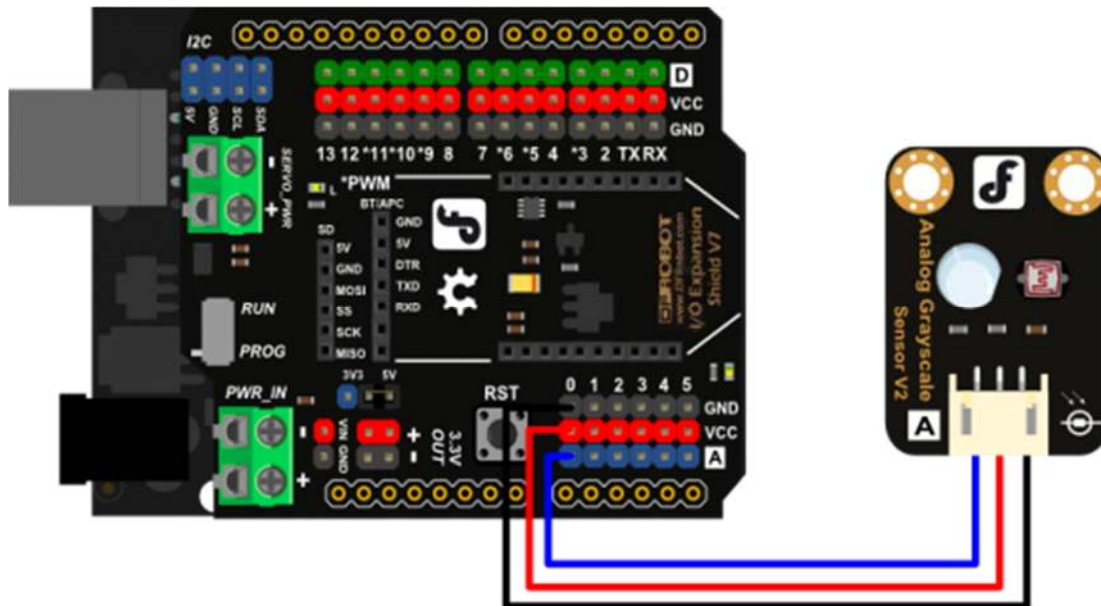
Introduction

Here comes DFRobot's new Analog Ambient Light Sensor. Brand new design and much more convenient to use. This module helps you to detect the light density and reflect the analog voltage signal back to Arduino controller. You can set the threshold of voltage level to trigger motors, relays or other actuators.

Specification

- Supply Voltage: 3.3V to 5V
- Interface: Analog
- Size: 22x30mm

Connection Diagram



Sample Code

```
void setup()
{
  Serial.begin(9600); // open serial port, set the baud rate to 9600 bps
}
void loop()
{
  int val;
  val=analogRead(0); //connect grayscale sensor to Analog 0
  Serial.println(val,DEC); //print the value to serial
  delay(100);
}
```