Digital piranha LED light module (SKU: DFR0031)

Contents

Introduction
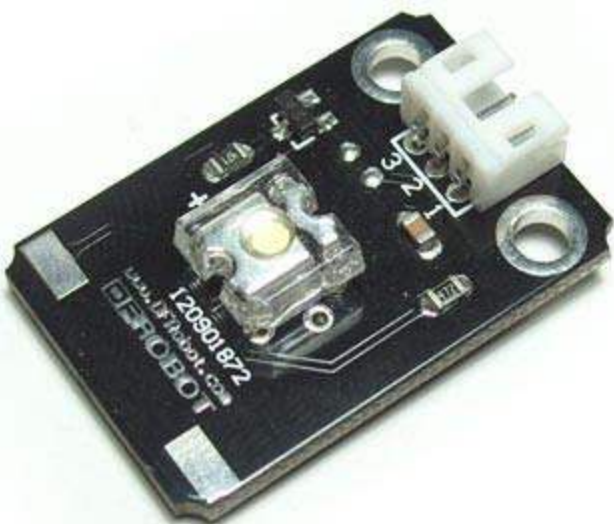
Digital piranha LED light module (SKU: DFR0031)

Piranha LED light module, and special sensors Arduino board and ambient light sensor extension combination, can be used in the interaction with the light works.

When the LED light module connected to Arduino, the digital pin (LOW on, HIGH off) is used to control it. The brightness of LED can be controller via PWM output.
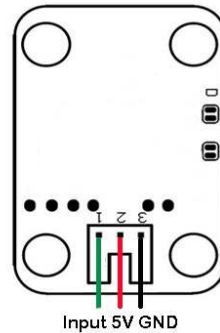
Specifications

- Voltage: +3.3-5V
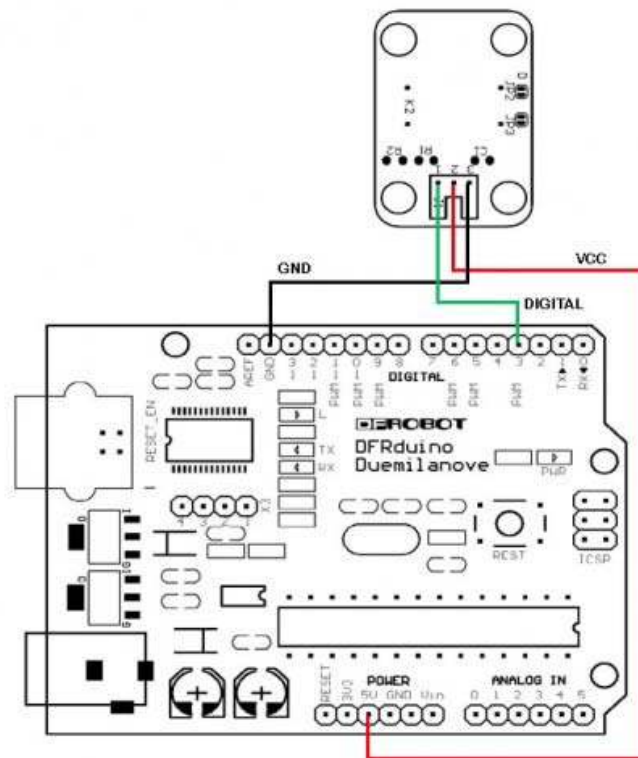- Weight: 5g

Pin Definition

LED module pin definition :

1. Input
2. Power
3. GND

digital input module

Connection Diagram

Digital module connection diagram

Sample Code

```
///Arduino Sample Code for DFR0021

///www.DFRobot.com

///Last modified on 16th September 2010


int led = 3;


void setup()
{
  pinMode(led, OUTPUT);     //Set Pin3 as output
}
void loop()
{
        digitalWrite(led, HIGH);   //Turn off led
        delay(2000);
        digitalWrite(led, LOW);    //Turn on led
        delay(2000);
```

```
    }
```