

5V RGB Programmable LED Strip

FIT0750

Product Overview

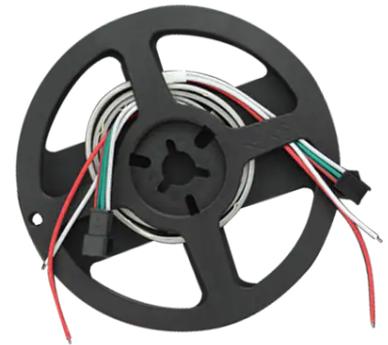
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For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot 5V RGB Programmable Light Emitting Diode (LED) Strip is a COB programmable 50cm strip composed of 166 LEDs. The lights emitted by the LED beads can be turned to extremely uniform light of different colors through refraction, reflection, and interaction with the phosphor in the encapsulation colloid processes.

The 5V RGB LED strip features high brightness, high density, no light spot, and evenly distributed light. This LED strip also features a 180° beam angle, 95% power factor, 100lm single LED Lumens, and ≤12W rated power. The 5V RGB LED strip supports a 5V power supply, single-wire control, and cascade connection. This LED strip is extremely flexible and can be bent freely. Typical applications include indoor decoration, advertising, DIY light show, and stylish architectural lighting.



Features

- Uniform and soft light with no light spot
- Programmable and full-color RGB
- Single wire control and support multiple cascades
- Can be bent freely
- Can be easily used with Arduino to create a DIY lighting effect



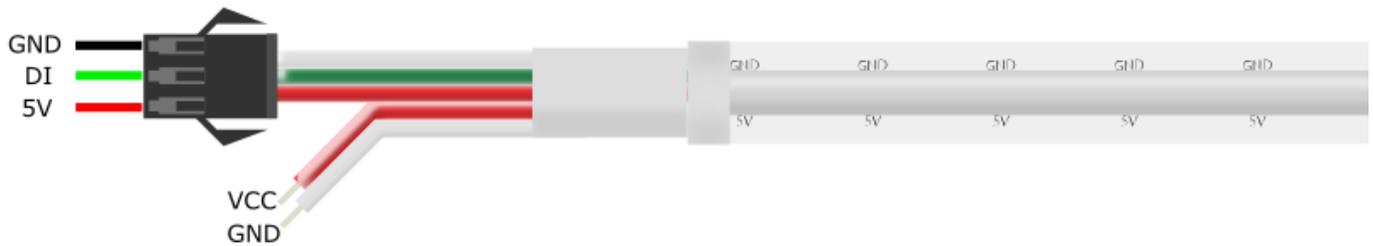
Specifications

- 5V input power supply
- ≤12W rated power
- 50cm length
- 100lm single LED Lumens
- 180° beam angle
- 95% power factor

Applications

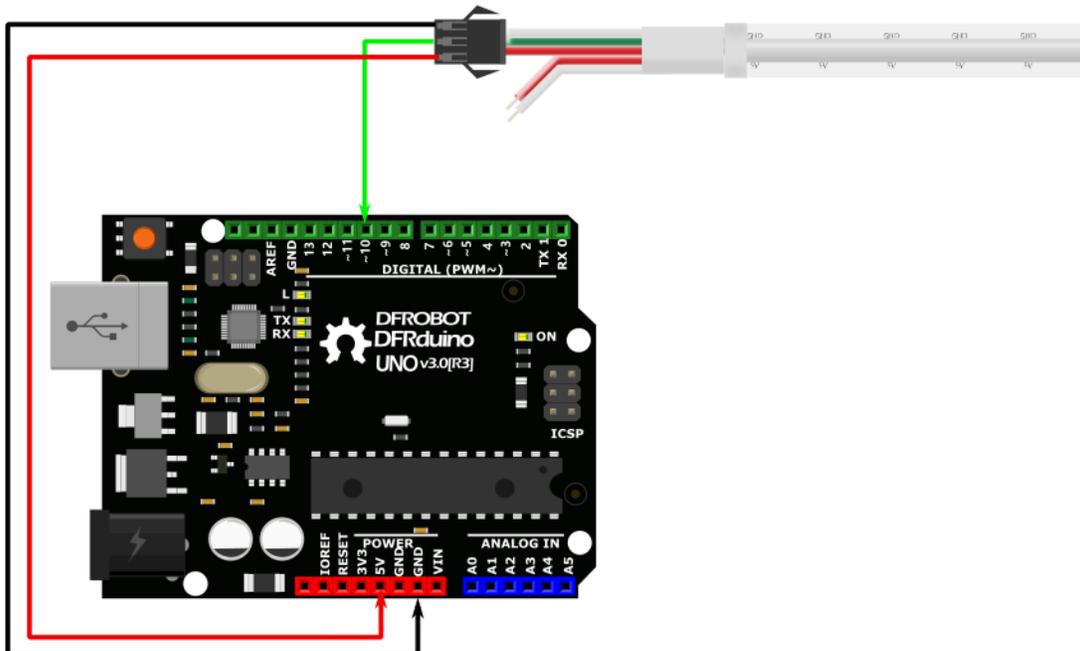
- Indoor decoration
- Advertising
- DIY light show
- Stylish architectural lighting

Board Overview



Name	Description
D1	Signal Input
D0	Signal Output
5V	5V Power Input
VCC	5V External Power+
GND	

Connection Diagram



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-fit0750-rgb-programmable-led-strip/>