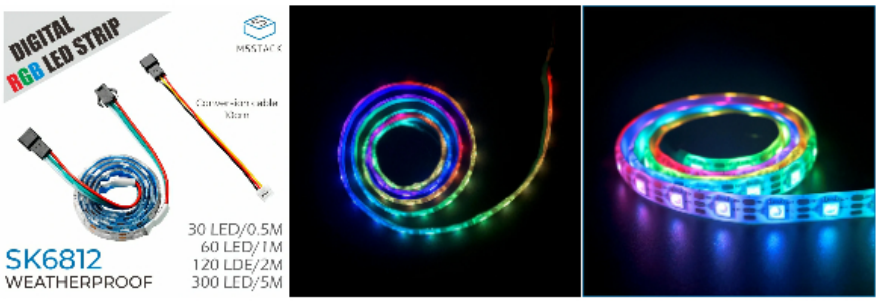
RGB LED Strip

SKU:A093



Description

RGB LED Strip is a programmable RGB LED strip， utilizing SK6812 RGB LEDs. The LED strip supports digital addressing, which means that you can individually control the color and brightness of each individual LED on the LED strip. Single bus programming is supported to expand the LED strip.

The outer layer of the LED strip is coated with a transparent protective silica gel which supports IP65 waterproof protection, thus it can be adapted to a variety of applicable environments. The LED strip consists of a flexible FPC (soft light strip)/PCB (hard light strip board) for the substrate, and uses 5050 RGB LEDS, and 3M strong double-sided tape on the back for easy pasting and fixing. The working voltage is 5V DC voltage, and various lighting effects can be realized through controller programming.

> It should be noted that with the gradual increase in the number of LED strip connections, the accompanying power consumption will also increase. Therefore, when using RGB LED strips with a large number of LEDs, it is recommended to provide additional power for them.

Specifications

Product type：RGB LED Strip
LED Type：xdx-5050RGB-60-60
IC Model：SK6812
Operating Voltage：5V
Power：±18W/per metre
Thickness：10MM
RGB Value：256
LED Count: 60LEDs/per Metre
IC Count: 60 ICs/per Metre （ICs spaced between LEDs)
Operating Temp：-40°C---80°C
Life Span：30Kh
Strip Background color：Black/ White

LED color：Full color RGB
Data transfer rate：800K/S
Waterproof：Waterproof Epoxy-IP65
Strip Lengths: 0.5m/30，1m/60，2m/120，5m/300
Programming Method: Arduino, UIFlow(Blockly, Python)
Extendable

Includes

1x RGB LED Strip
1x HY2.0-4P Adapter Cable

Applications

lighting decoration

Specifications

Resource	Parameter
Length/Net Weight	0.5m/37g, 1m/55g, 2m/86g, 5m/211g
Length/Gross Weight	0.5m/45g, 1m/65g, 2m/96g, 5m/220g
Length/LED Count	0.5m/30，1m/60，2m/120，5m/300
Led Strip Thickness	10mm
Packaging Type	Anti-static bag packaging, fixed reel

Pinmap

Led Strip PIN	VCC	GND	DATA
Color	Red	White	Green

Related Links

FastLED Library

Example

Click here to download the Arduino example

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