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INDUSTRIAL PRODUCT DATASHEET

WS2812B Digital RGB LED Flexi-Strip 144 LED - 1 Meter

WS2812B Digital RGB LED Flexi-Strip: 1 meter, 144 LEDs, 5V, individually addressable full-color strip with integrated driver.

SKU	UPDATED	PRICE
104990089	2024-08-09 02:07:27	$69.00(Excl. VAT)



Overview



The WS2812B Digital RGB LED Flexi-Strip is an intelligent light source with 144 WS2812B RGB LEDs per meter, each integrating a control circuit and RGB chip in a 5050 package. It provides individual pixel control with 256 brightness levels and 16.7 million colors, enabling dynamic effects like running water, chasing, and scanning.

Key Features

Digital RGB LED Flexi-Strip is an intelligent light source consist s of WS2812B RGB LED with Integrated Driver Chip. The control circuit and RGB chip are integrated in a package of 5050 components.

This LED flexible strip is a full-color that external control for each lamp beads. It with high brightness, can achieve effects of full color running water, chasing and scan.

The RGB LED chips with low driving voltage, environmental protection and energy saving, high brightness, scattering angle is large, good consistency, low power, long life and other advantages. The control chip integrated in LED above becoming more simple circuit, small volume, convenient installation.

Feature

- Integrating control circuit and RGB chip
- Built-in signal reshaping circuit
- Built-in electric rest circuit and power lost reset circuit
- 256 brightness and 16777216 color display
- Cascading port transmission signal

Specification

- Working voltage: DC 5V
- Working currrent: 8.64A/meter
- Working temperature: -40℃～60℃
- Package: 2meter/roll
- LED number: 144pcs/meter
- Viewing angle: ≥140
- Lifespan: MTBF≥50000h

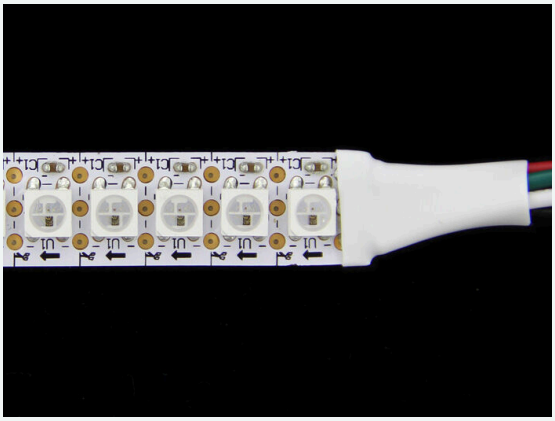
Resource

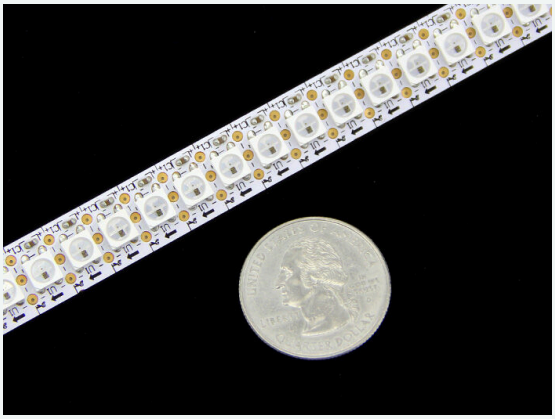
- **Datasheet**
- **Source Code**

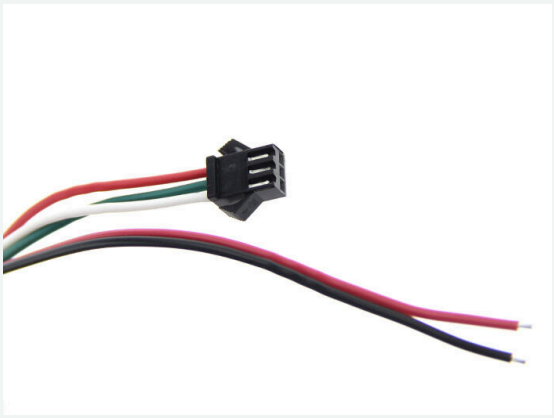
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Product Gallery









Resource Links

- https://www.seeedstudio.com/WS2812B-Digital-RGB-LED-Flexi-Strip-144-LED-1-Meter-p-1868.html

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