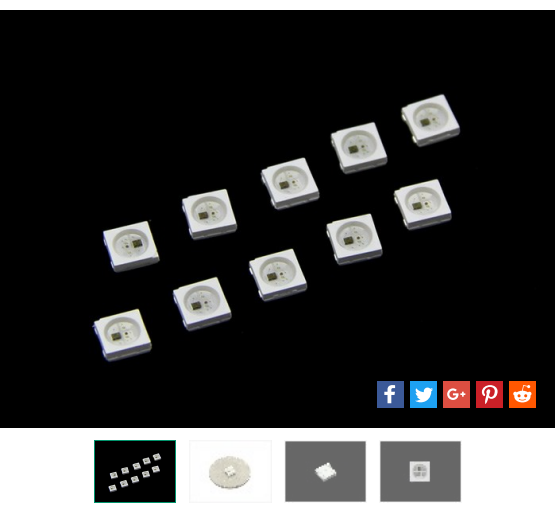


Bazaar / Interaction / LEDs / WS2812B RGB LED with Integrated Driver Chip (10 PCs pack)



# WS2812B RGB LED with Integrated Driver Chip (10 PCs pack)

SKU 110990053

WS2812 is an intelligent control LED light source that the control circuit and RGB chip are integrated in a package of 5050 components

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## Description

WS2812 is an intelligent control LED light source that the control circuit and RGB chip are integrated in a package of 5050 components. It includes intelligent digital port data latch and signal reshaping amplification drive circuit. Also include a precision internal oscillator and a 12V voltage programmable constant current control part, effectively ensuring the pixel point light color height consistent.

LED 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, and convenient installation.

Please note this is a pack with 10 individual LEDs.

### Features

- 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

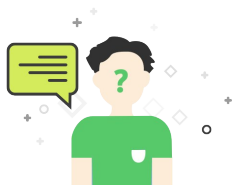
### Specifications

- Power Supply Voltage: +3.5~+5.3V
- Input Voltage: -0.5~VDD+0.5V
- Red Vf: 1.8~2.2V
- Green Vf: 3.0~3.2V
- Blue Vf: 3.2~3.4V
- Red Wavelength: 620~630 nm
- Green Wavelength: 515~530 nm
- Blue Wavelength: 465~475 nm
- Red luminous intensity(20mA): 550~700 mcd
- Green luminous intensity(20mA): 1100~1400mcd


See More


## Questions and Answers

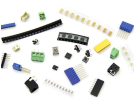
Have a question about this? Ask people who own it.





## Recommendations


- 


WS2812B LED Breakout Board
- 

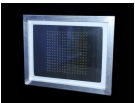
Digital RGB LED Flexi-Strip 30 LED -...
- 


Open Parts Library Catalog
- 


Grove - Universal 4 pin connector
- 


Straight Tweezers - ESD Safe
- 

Grove - Universal 4 pin connector...
- 

Digital RGB LED Flexi-Strip 60 LED -...
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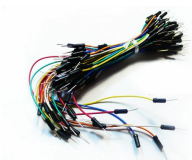
PCB Stencil Service
- 

3mm LED Blue - 25 PCs
- 

Flush Diagonal Cutters
- 

1 pin dual-female jumper wire 100mm...

## View History



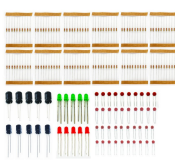
Breadboard Jumper Wire Pack(241mm 200mm 160mm 117m...

ADD TO CART



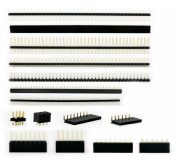
1 pin dual-female jumper wire 100mm 50pcs pack

ADD TO CART



20 in 1! Basic components mixed pack

ADD TO CART



Pin headers experimental pack

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Open logic sniffer probe cable

ADD TO CART



LiPo Rider Pro



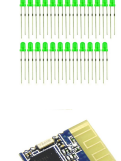
Base Shield V2



0.5W Solar Panel 55x70



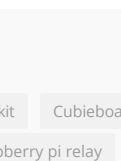
1 Pin Female-Male Jumper Wire 125mm...



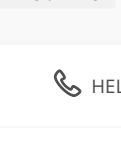
Adjustable DC&DC Power Converter...



Grove - Universal 4 Pin 20cm...



3mm LED Green - 25 PCs



Bluetooth V4.0 HM-11 BLE Module

Wireless Charging Module

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