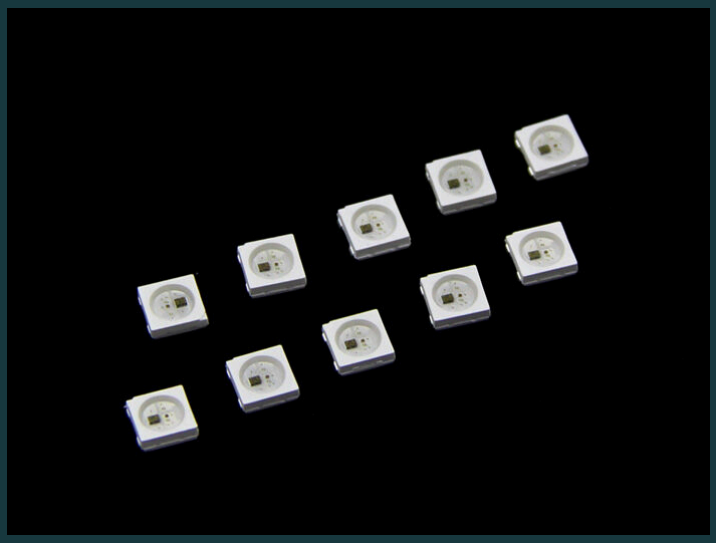
seeed studio

INDUSTRIAL PRODUCT DATASHEET

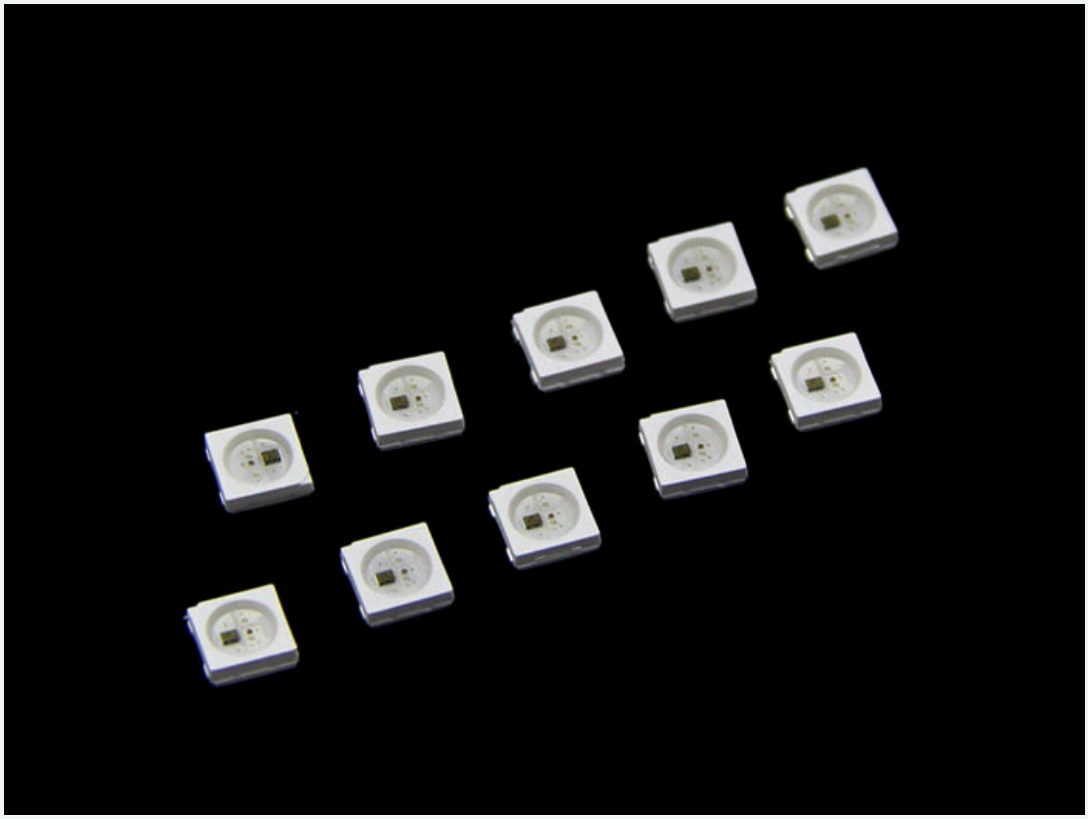
WS2812B RGB LED with Integrated Driver Chip (10 PCs pack)

WS2812B RGB LED with integrated driver chip (10 PCs pack) offers 256 brightness, 16777216 colors, and cascading signal transmission, but is discontinued.

SKU	UPDATED	PRICE
110990053	2024-08-09 02:07:54	$3.90(Excl. VAT)



Overview



The WS2812B is an intelligent control LED light source that integrates control circuit and RGB chip in a 5050 component, featuring built-in signal reshaping circuit, built-in electric rest circuit and power lost reset circuit. It supports 256 brightness and 16777216 color display with cascading port transmission signal; this product is discontinued, consider WS2813B as alternative.

Key Features

This product is discontinued, you can consider the WS2813B RGB LED with Integrated Driver Chip (10 PCs pack) as an alternative.

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.

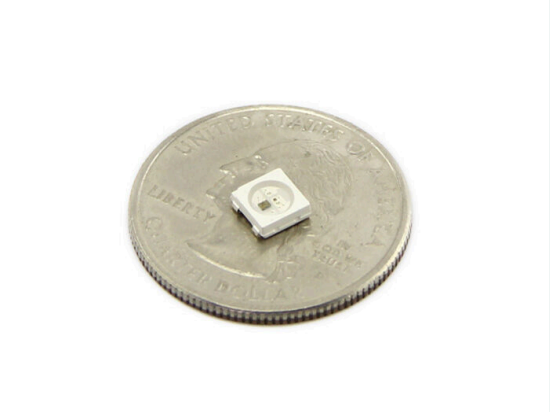
LED with low driving voltage, environmental protection and energy saving, high brightness, scattering angle is large, good consistency, low power, long life and other advantages. The control chip integrated in LED above becoming more simple circuit, small volume, and convenient installation.

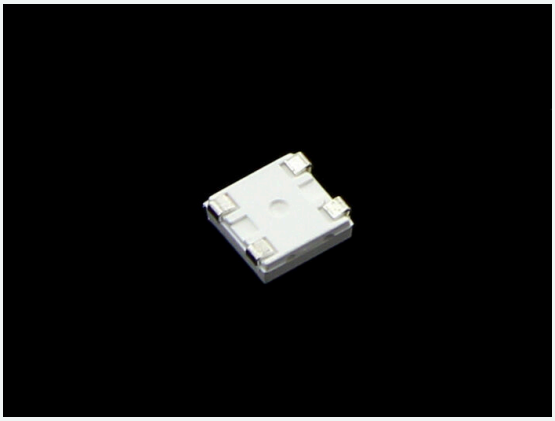
Please note this is a pack with 10 individual LEDs.

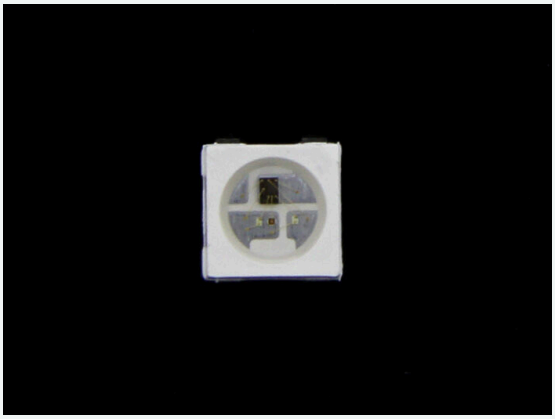
Features

- 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

Product Gallery







Part List

WS2812B RGB LED with Integrated Driver Chip (10 PCs pack)	1

Compliance & Logistics

HSCODE	9405409000
ROHS	1

Resource Links

- https://www.seeedstudio.com/WS2812B-RGB-LED-with-Integrated-Driver-Chip-10-PCs-pac-p-1675.html
- WS2812B Datasheet
- Example Code
- Resource
- Resource

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