

## WS2813 Digital RGB LED Ring

SKU 104990305


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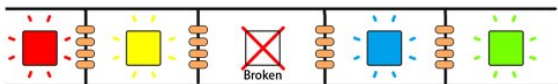
### Description



WS2813 is an upgraded version of [WS2812](#).

This is the 48 RGB Led ring in natural white. The RGB LED Ring are 5050-sized LEDs with an embedded microcontroller inside the LED.

Single pixel control. Dual signal transmission, one pixel damaged will not affect the other LEDs working.



Digital RGB LED Flexi-Strip is an intelligent light source consist s of WS2813B 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.

### Specifications

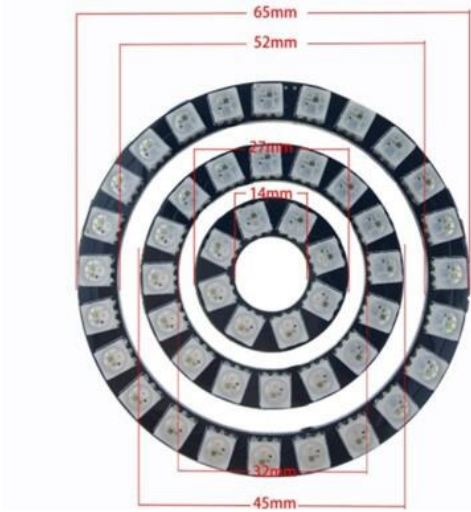
- Working Voltage: DC 5V

- Working Current:0.06A/led

- Working Temperature: -40°C ~ 70°C
- Storage Temperature: -50°C ~ 80°C
- IC Size:WS2813B
- Pixel Color: RGB
- LED Size: SMD 5050
- Service Life: 50,000H
- PCB Size: Circle 6.8mm x Thickness 1.2mm

Part List

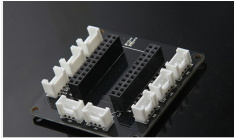
1x ws2813b rgb led ring



Best-sellers



Breakout Kit for Raspber...



Particle Photon Base Shield



Grove - Heelight Sensor



ReSpeaker Pro Case

Technical Details

Weight	G.W 11g
Battery	Exclude

Questions and Answers

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

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Will this circuit work with WS2812B source code .Could you please share the Schematics and PCB layout PDF for reference .

Ben\_h on Jun 14,2017

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Yes, actually it's 2812, I think it's a mistake, there's no 2813.&nbsp;I am sorry but we didn't design the board and the designer didn't provide it.Thanks.&nbsp;

ae on Jun 15,2017 09:23 AM

Reply | upvote (0)

@ae can you give the wiring diagram

Ben\_h on Jun 15,2017 10:31 AM

Reply | upvote (0)

@ae can you give the wiring diagram

Ben\_h on Jun 15,2017 10:31 AM

Reply | upvote (0)

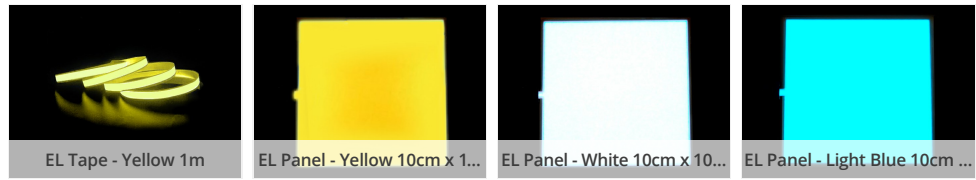
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Any UV 365 on board?

mgilbert754 on Jul 04,2017

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