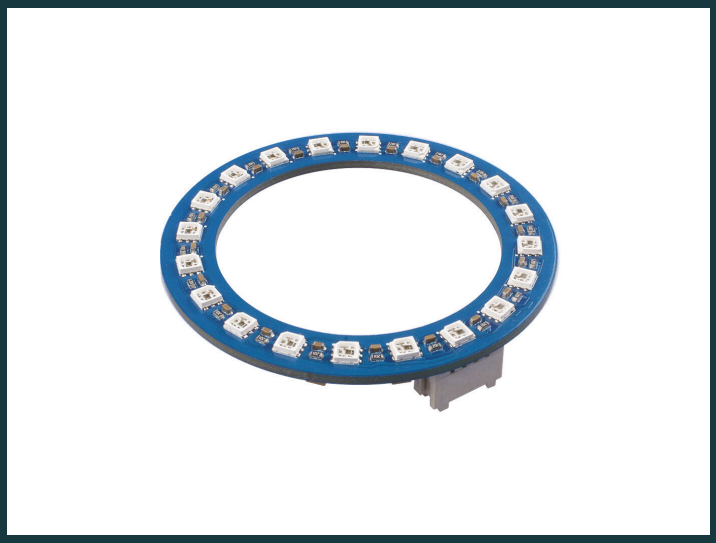
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove - RGB LED Ring (20 - WS2813 Mini)

The Grove - RGB LED Ring (20 - WS2813 Mini) is a full-color, chainable, Grove-compatible LED ring with breakpoint resume for guardrail tubes, point light displays, stage costumes, and innovative gadgets.

SKU	UPDATED	PRICE
104020128	2026-11-03 03:40:11	$10.90(Excl. VAT)



Overview



The Grove - RGB LED Ring (20 - WS2813 Mini) offers full-color RGB output with 20 independently controllable LEDs, 16,777,216 colors, and 256 levels of brightness. It is chainable with breakpoint resume and Grove compatible, making it suitable for applications such as guardrail tubes, point light displays, flexible/rigid strips, stage costumes, and innovative gadgets.

Key Features

01 **Full color RGB**

16777216 colors, 256 levels of brightness, 20 LEDs beads operate independently

02 **Multi-Components combination**

Built-in control circuit in a 3535 components

03 **Chainable**

It can be cascaded with multiple LED rings

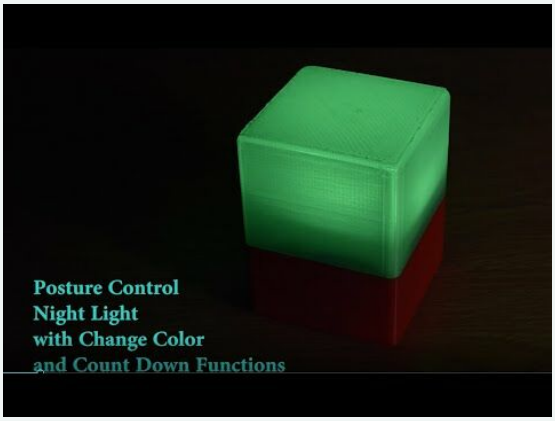
04 **Breakpoint Resume**

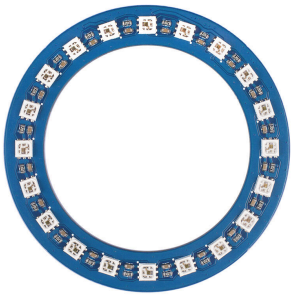
In the transmission of dual-signal wires, when a LED or LED group fails, it will not cause the other LED not to light up.

05 **Grove Compatible**

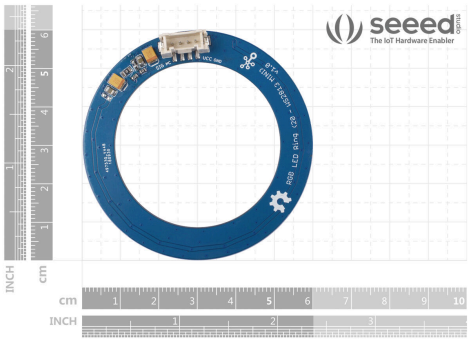
you can plug your LED ring into Seeedunio or Arduino+BaseShild via Grove Cable, with no soldering and complicated wiring.

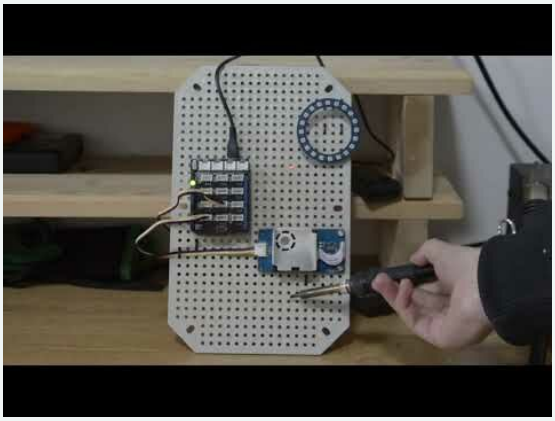
Product Gallery











Applications

- **Guardrail tube, point light display, flexible/rigid strips, module series**
- **Lighting stage costumes, innovative gadgets or any other electronic products**

Resource Links

- https://www.seeedstudio.com/Grove-RGB-LED-Ring-20-WS2813-Mini.html
- Grove - RGB LED Ring(20 WS2813 Mini) Eagle Files
- Grove - RGB LED Ring(20 WS2813 Mini) Software Library
- Datasheet WS2813- Mini

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