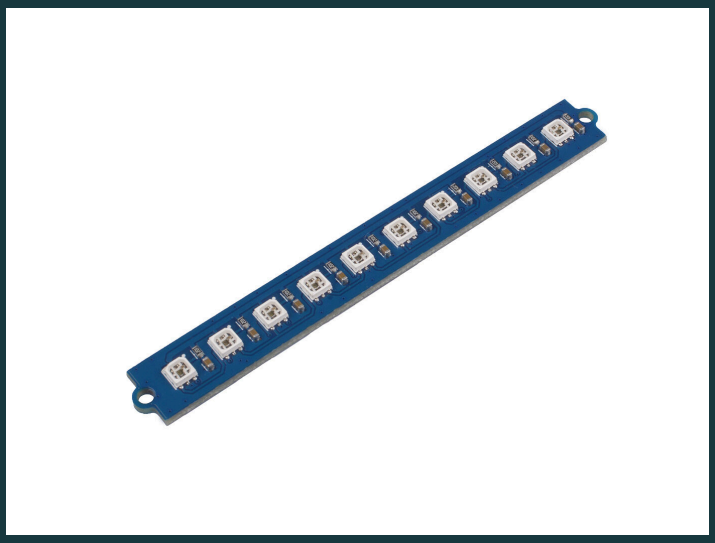
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INDUSTRIAL PRODUCT DATASHEET

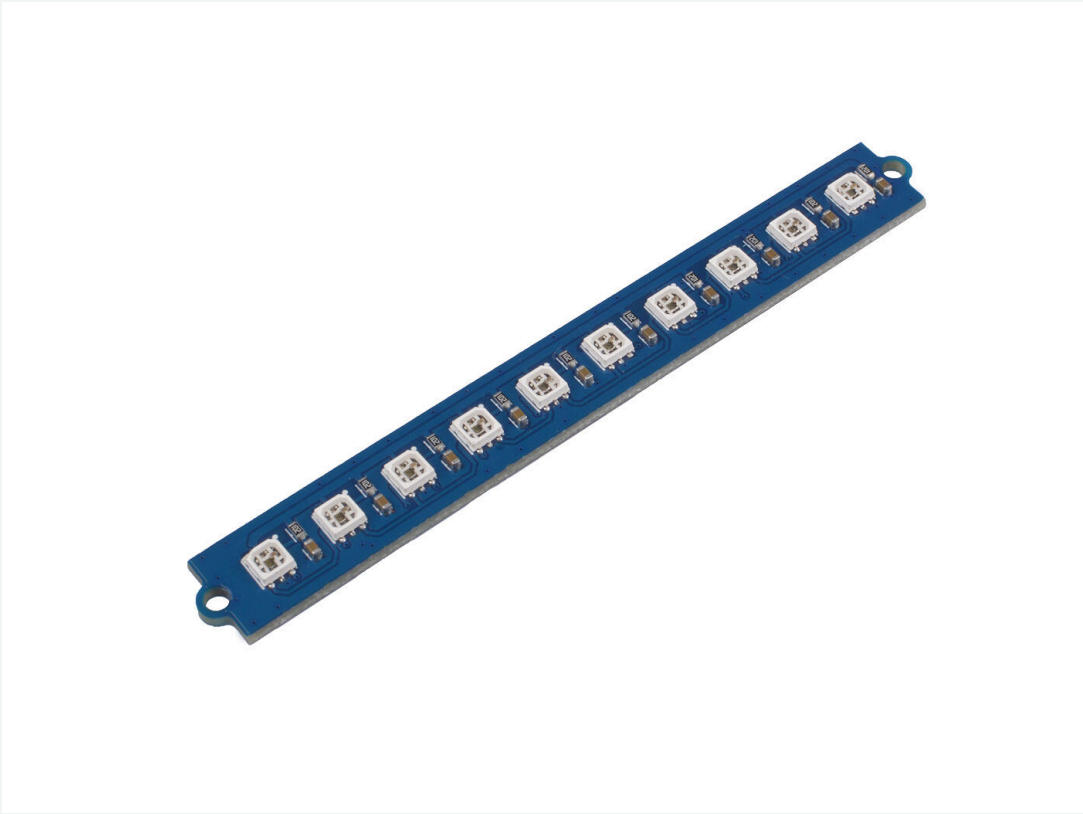
Grove - RGB LED Stick (10 - WS2813 Mini 3535) : Full-Color RGB LED Lighting

Grove - RGB LED Stick (10 - WS2813 Mini 3535): full-color RGB LED lighting with 10 WS2813 Mini 3535 LEDs, Grove compatible, suitable for guardrail tubes, stage costumes, and innovative gadgets.

SKU	UPDATED	PRICE
104020131	2026-11-03 03:40:56	$5.40(Excl. VAT)



Overview



The Grove - RGB LED Stick (10 - WS2813 Mini 3535) is a full-color RGB LED lighting module with 10 independently controllable LEDs, each offering 256 gray levels and a 2KHz refresh rate for 16,777,216 color display. It features breakpoint resume, high transmission performance up to 800Kbps over 5 meters, and Grove compatibility for easy connection to Seeeduino or Arduino via BaseShield without soldering. Applications include guardrail tubes, point light displays, flexible/rigid strips, stage costumes, and innovative gadgets.

Key Features

01 **Full color RGB**

Each pixel gray levels are 256, which achieves 16777216 full-color display, 10 LEDs beads operate independently and the refresh frequency reaches to 2KHz

02 **Multi-Components combination**

WS2813B LED with 5050 components to display different lighting effects

03 **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.

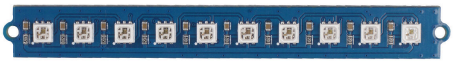
04 **High transmission performance**

Any two-point distance of more than 5M transmission signal without any increase in circuit and Data transmitting at speeds of up to 800Kbps.

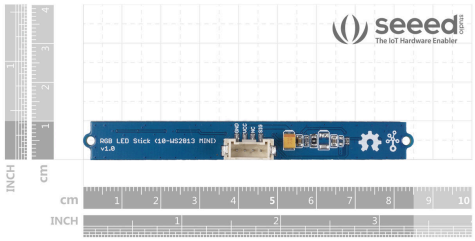
05 **Grove Compatible**

you can just plug your LED stick 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-Stick-10-WS2813-Mini.html
- Grove - RGB LED Stick (10 WS2813 Mini) Eagle Files
- Led_Strip Library
- Datasheet WS2813-Mini

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