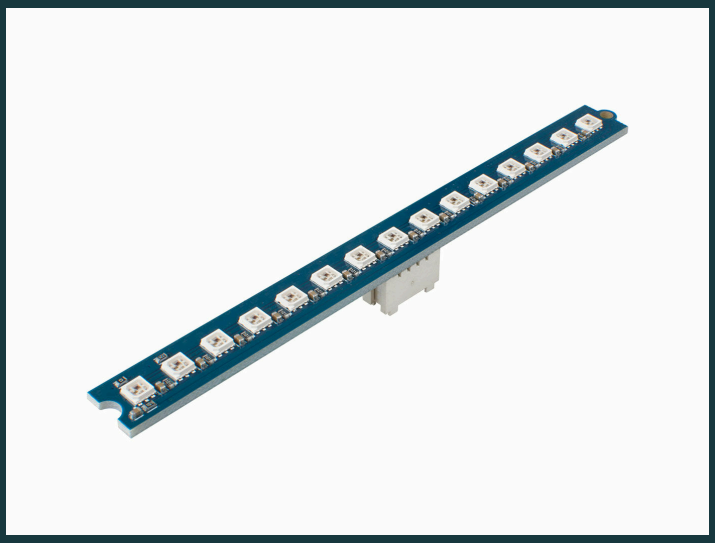
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INDUSTRIAL PRODUCT DATASHEET

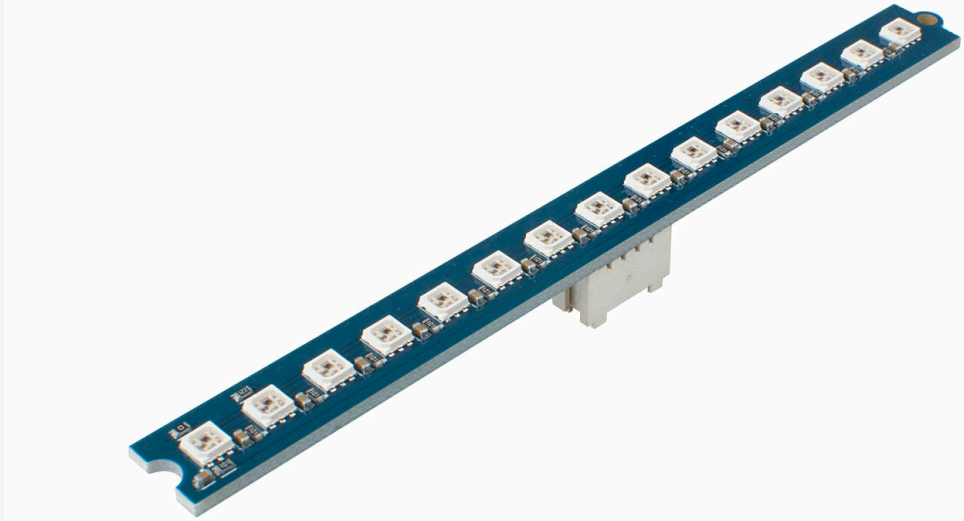
Grove - RGB LED Stick (15-WS2813 Mini)

Grove - RGB LED Stick (15-WS2813 Mini): 15 WS2813B LEDs with 16,777,216 colors, breakpoint resume, 800Kbps transmission, and Grove compatibility for guardrail, lighting, and gadget applications.

SKU	UPDATED	PRICE
104020172	2026-11-03 03:35:14	$6.50(Excl. VAT)



Overview



The Grove - RGB LED Stick (15-WS2813 Mini) features 15 independently controlled WS2813B LEDs with 5050 components, each pixel offering 256 gray levels for 16,777,216 full-color display and a 2KHz refresh frequency. Its dual-signal wire design supports breakpoint resume and high transmission performance up to 5M distance and 800Kbps, plus Grove compatibility for plug-and-play use; applications include guardrail tubes, point lights, strips, stage costumes, and innovative gadgets.

Key Features

01 **Full color RGB**

Each pixel gray levels are 256, which achieves 16777216 full-color display, 15 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.

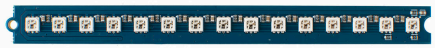
04 **High transmission performance**

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

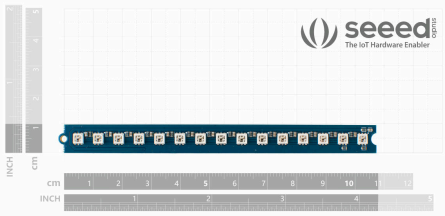
05 **Grove Compatible**

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, 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-15-WS2813-Mini-p-4270.html
- Grove - RGB LED Stick (15-WS2813 Mini) schematic file

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