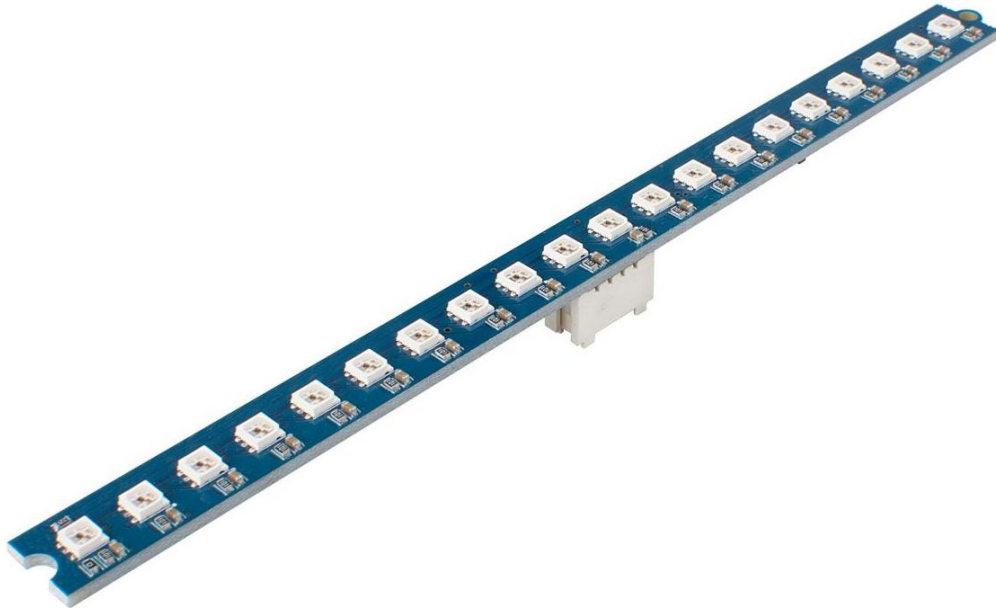




seeed studio
The IoT Hardware Enabler



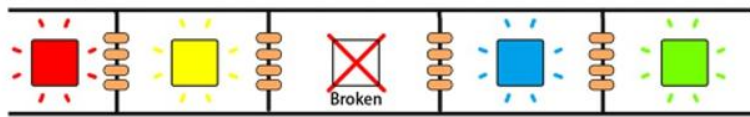
This 20 RGB LED strip is easily controllable by one signal input pin via the integration circuit. Every LED on the board is addressable, and the WS2813 Mini supports signal break-point continuous transmission, which means you can still use other LEDs even with one LED broken.

Features

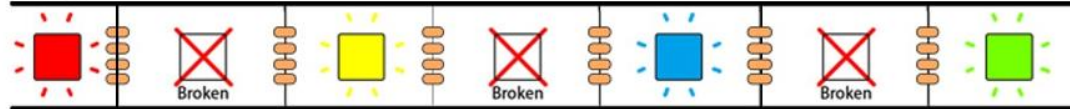
- 256 grey levels, $256*256*256=16777216$ full-colour display
- Built-in control circuit in a 3535 components
- Chainable, can be cascaded with multiple LED rings
- Support 5V/3.3V power in, support 5V/3.3V control data level.
- Dual-signal wires, signal break-point continuous transmission

Signal break-point continuous transmission

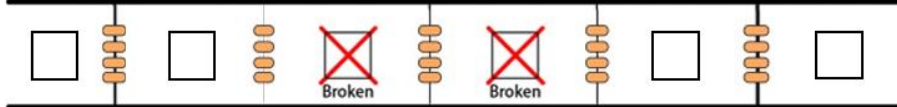
Work



Work

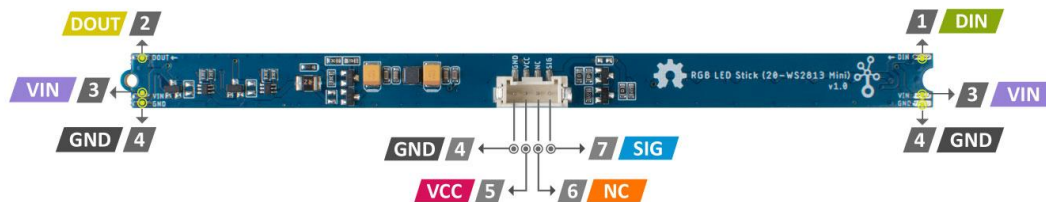


Not Work



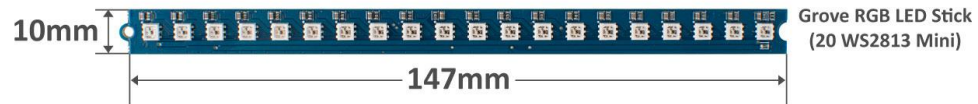
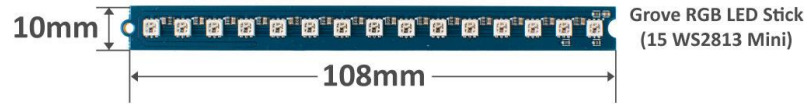
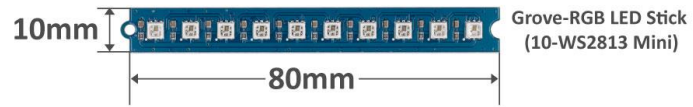
As long as not two or more adjacent LEDs are broken, the remaining LEDs will be able to work normally

Hardware Overview



- 1** : Control data signal input*¹
- 2** : Control data signal output
- 3** : Power supply 5V/3.3V*²
- 4** : Connected to the system GND
- 5** : Power supply from Grove 5V/3.3V*²
- 6** : Not connected
- 7** : Control data signal input
from Grove connector*¹

Dimension



ECCN/HTS

HSCODE	9405409000
USHSCODE	8471.70.6000