

Flexible 8x8 NeoPixel RGB LED Matrix

PRODUCT ID: 2612

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[DESCRIPTION](#)[TECHNICAL DETAILS](#)

DESCRIPTION

For advanced NeoPixel fans, we now have a bendable, **Flexible 8x8 NeoPixel LED Matrix!**

Control all 64 ultra-bright LEDs using a single microcontroller pin, set each LED as you wish to scroll messages or draw little images. This matrix has a thick flexible PCB backing that can be **gently bent** and curved around surfaces

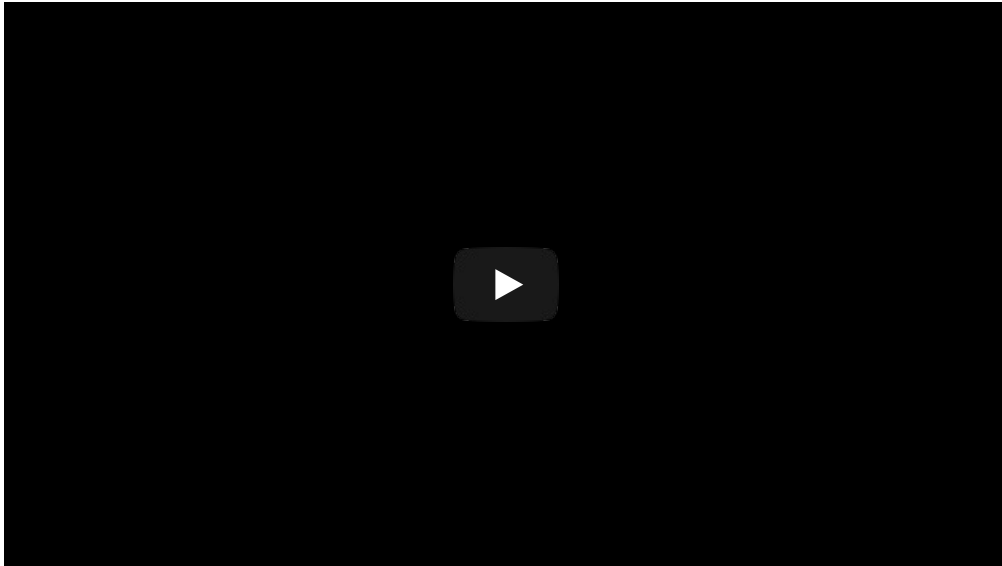
You can [use this matrix just like any other NeoPixel-compatible product.](#)

With 64 LEDs, you can have up to 4A of current draw if all the LEDs are on bright white. [You can](#)

use our [5V 4A](#), [5V 2A](#) or even a [5V 10A power supply](#). For portable use, if you are drawing less than 3A, try out this [5V@3A UBEC](#),

We also have a [flexible NeoPixel Matrix in 8x32](#) if you love that [4:1 aspect ratio](#) and in bigger [16x16](#).

Please note: Flexible PCBs are not designed for repeated flexing! While we think this product may work in wearables or other situations where the matrix is bent around, we do not offer any guarantees or refunds if you end up cracking the LEDs or traces! This is for advanced users only, who already know how to use NeoPixels and are comfortable with the high current requirements and protecting the matrix from damage. There are no returns, refunds or replacements for damaged product.



Don't forget to read our [NeoPixel Über guide](#) for more information on how to care and feed your NeoPixels!

TECHNICAL DETAILS

- 80mm x 80mm x 2mm / 3.15" x 3.15" x 0.08"
- Weight (with IDC cables): 17.5g
- [WS2812 Datasheet](#)
- [SK6812 Datasheet](#)
- May ship with either WS2812B or SK6812-based LEDs. They are the same brightness, color and protocol



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Everything you always wanted to know about Adafruit NeoPixels but were afraid to ask



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SMS TXT scroller on a NeoPixel Matrix with Fona + Flora



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How to write text on any MicroPython display.

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Flexible 16x16 NeoPixel RGB



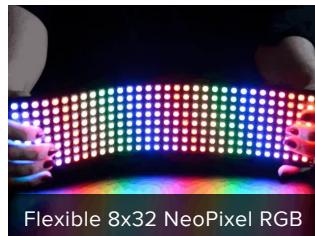
Adafruit NeoPixel Digital



Adafruit NeoPixel Digital



64x32 RGB LED Matrix -



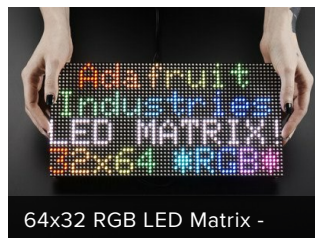
Flexible 8x32 NeoPixel RGB



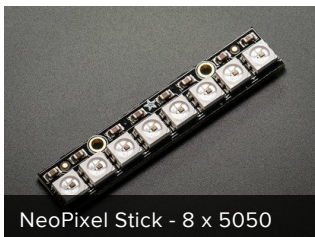
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