
Adafruit MAX7219 Documentation

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CHAPTER 1

Matrices

```
class max7219.Matrix8x8 (spi, cs)
    Driver for a single MAX7219-based LED matrix.

    brightness (value)
        Set the brightness.

    fill (color)
        Fill the whole matrix with a specified color.

    pixel (x, y, color=None)
        Get or set the color of a single pixel.

    show ()
        Update the display.
```


CHAPTER 2

Examples

For software SPI on ESP8266:

```
import max7219
from machine import Pin, SPI
spi = SPI(-1, 10000000, miso=Pin(12), mosi=Pin(13), sck=Pin(14))
display = max7219.Matrix8x8(spi, Pin(2))
display.fill(True)
display.pixel(4, 4, False)
display.show()
```


CHAPTER 3

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