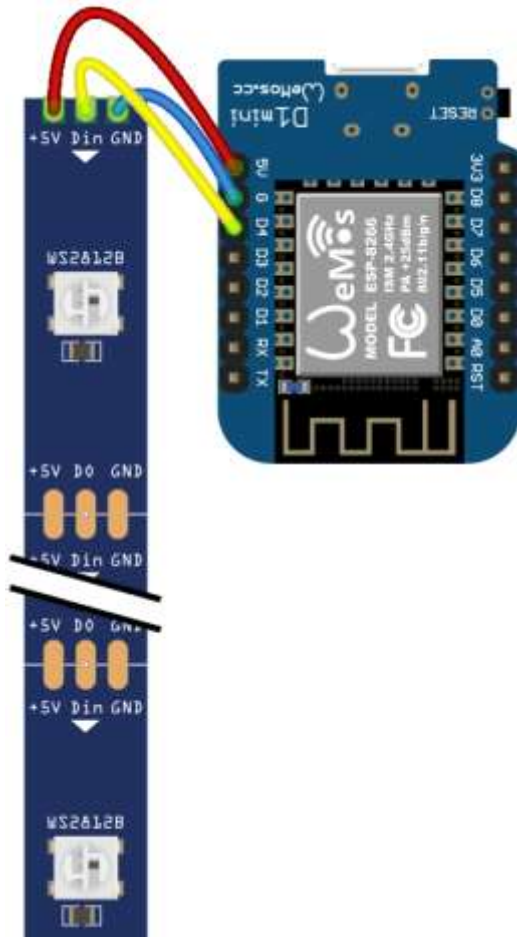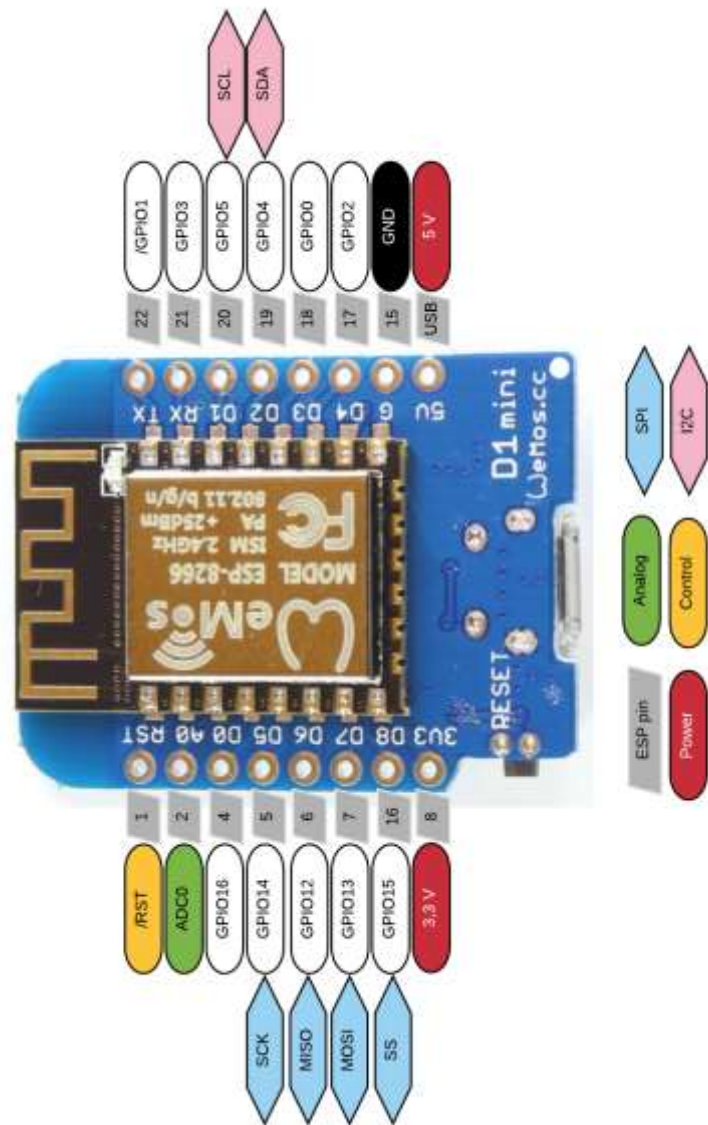# NeoPixels

```python
1   from machine import Pin
2   from neopixel import NeoPixel
3   from time import sleep
4   from board_manager import D4
5
6   np_size = 7
7   np_pin = Pin( D4 )
8   np = NeoPixel( np_pin, np_size )
9
10  R = (255, 0, 0)
11  G = (0, 255, 0)
12  B = (0, 0, 255)
13  BCK = (0, 0, 0)
14
15  colors = [R, G, B]
16
17  loops = 3
18  while loops:
19    for color in colors:
20      np.fill( color )
21      np.write()
22      sleep( 1 )
23    loops = loops - 1 # comment this line to run forever
24  np.fill( BCK )
25  np.write()
```
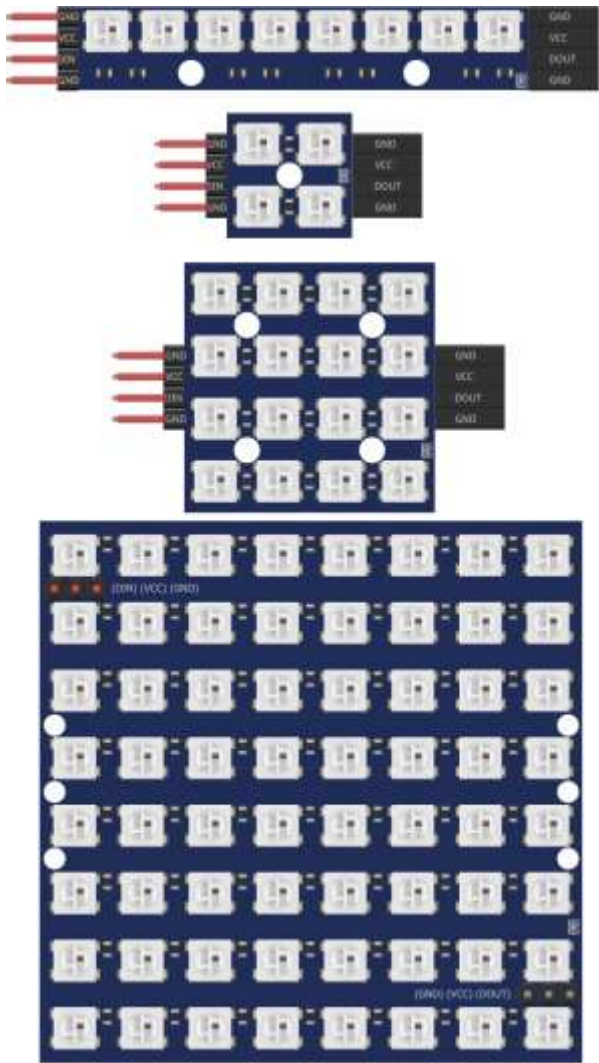
https://micropython.org/

WEMOS D1 MINI – PINOUT

NeoPixel - ws2812b matrix

Ws2812b strip