buttons


```python
1   from machine import Pin
2   from time import sleep
3
4   D4 = 2
5   D3 = 0 # to connect to the green led
6   D2 = 4 # to connect to the yellow led
7   D1 = 5 # to connect to the red led
8
9   green = Pin( D2, Pin.OUT )
10  red = Pin( D1, Pin.OUT )
11  btn1 = Pin( D3, Pin.IN )
12
13  last_value = 1
14  while True:
15    value = btn1.value()
16    if value != last_value:
17      green.value( value )
18      red.value( not value )
19    last_value = value
20    sleep(0.5)
21
22
23
24
25
```
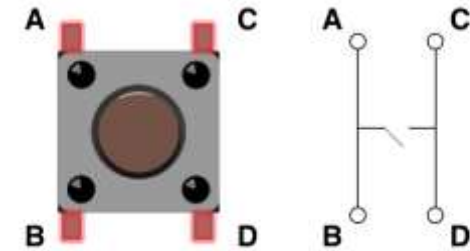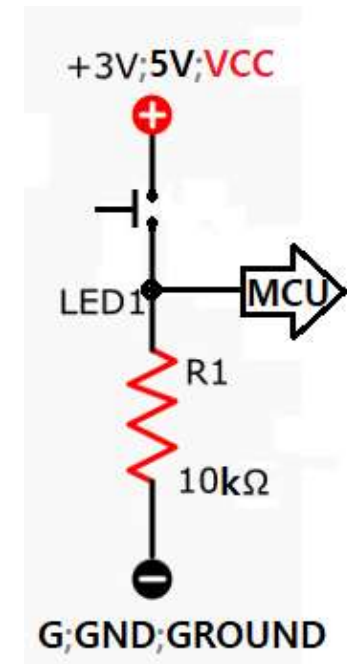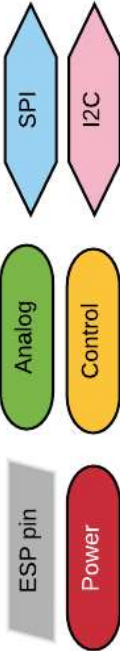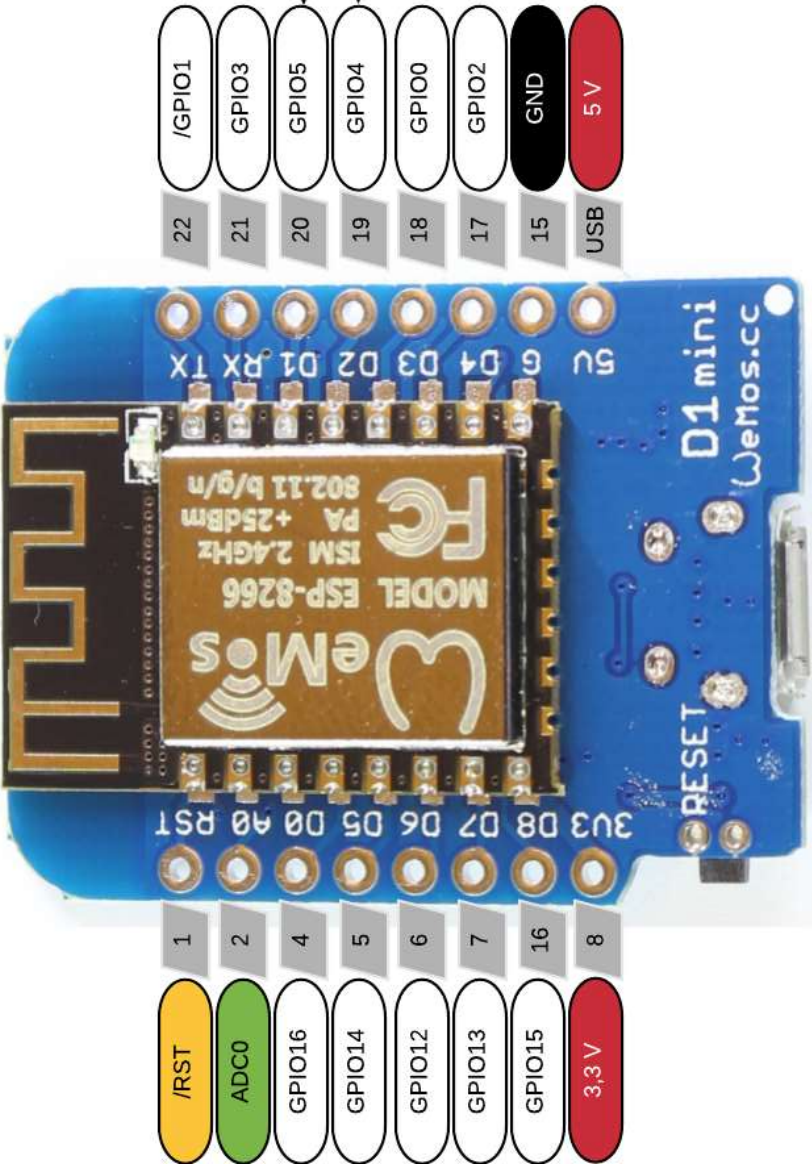
https://micropython.org/

WEMOS D1 MINI – PINOUT   BUTTONS

Pull-down Resistor

HIGH state = 5V
Button pressed

LOW state = 0V
Button unpressed

Pull-up resistor

LOW state = 0V
button pressed

HIGH state = 5V
button unpressed