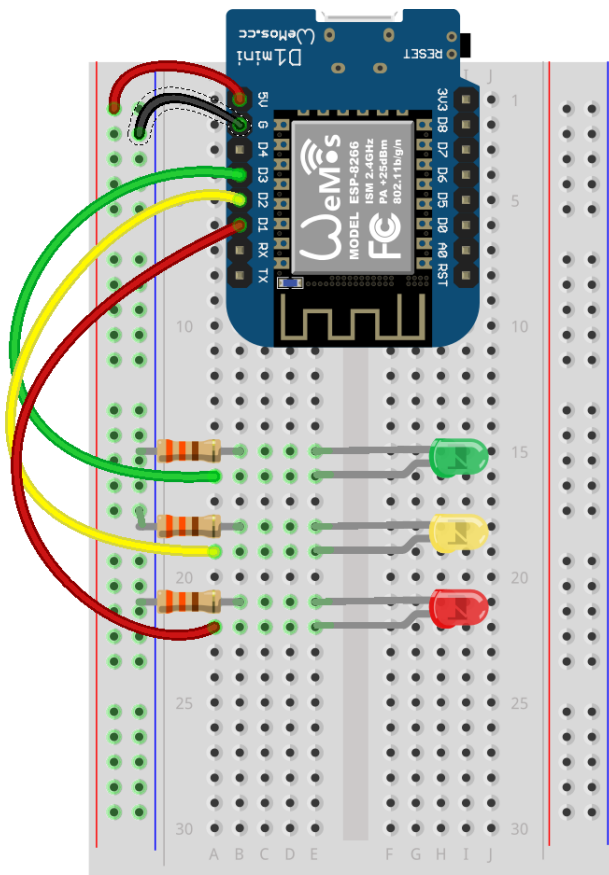
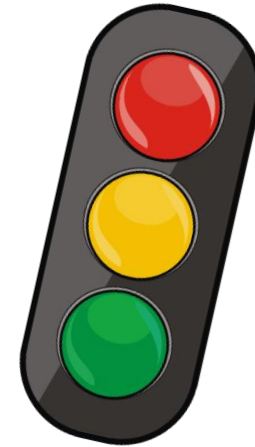


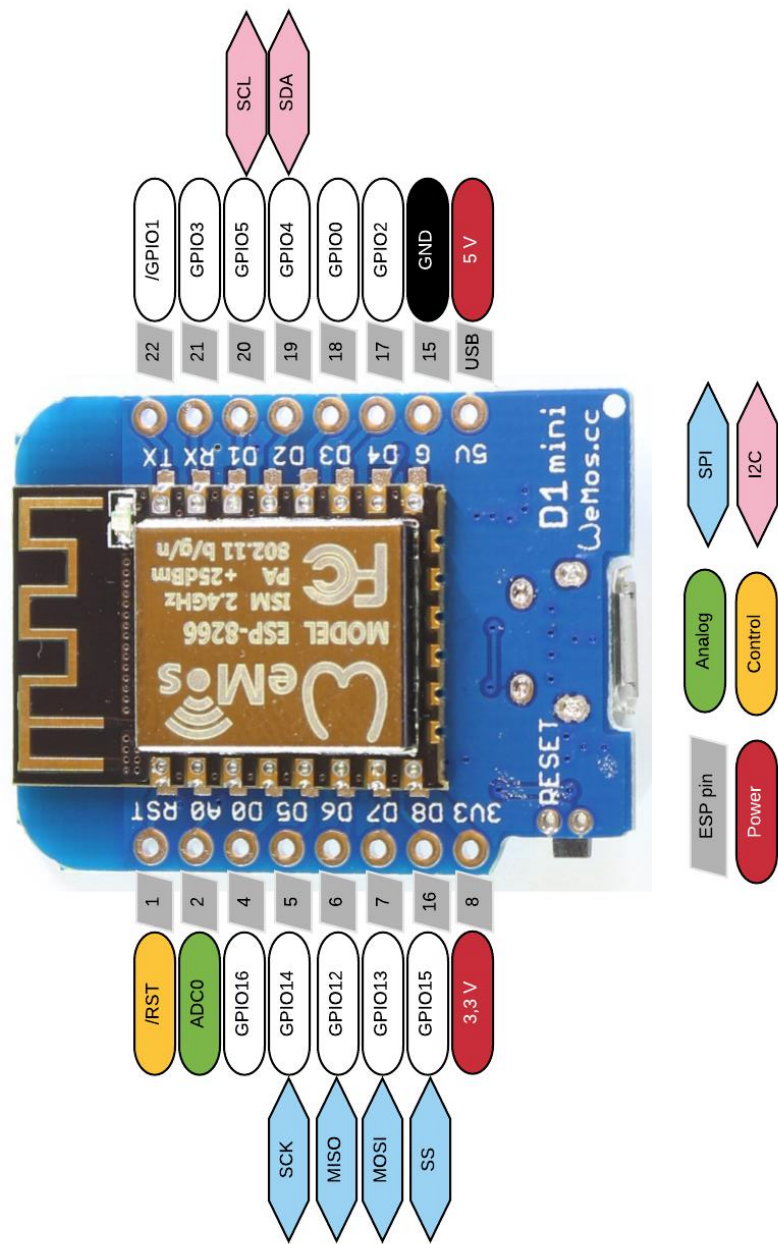
# traffic light



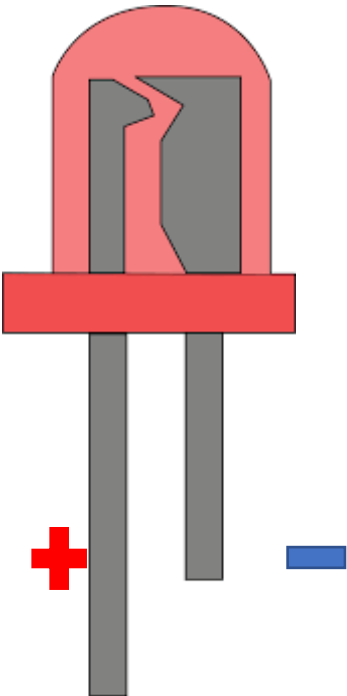
fritzing

```
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( D3, Pin.OUT )
10 yellow = Pin( D2, Pin.OUT )
11 red = Pin( D1, Pin.OUT )
12
13 lights = ( (green, 2), (yellow, 1), (red, 2), (yellow, 0.5) )
14
15 loops = 3
16 while loops:
17     for light, pause in lights:
18         light.on()
19         sleep( pause )
20         light.off()
21     loops = loops - 1 # comment this line to run forever
22
23
24
25
```

WEMOS D1 MINI – PINOUT



LED



RESISTOR

