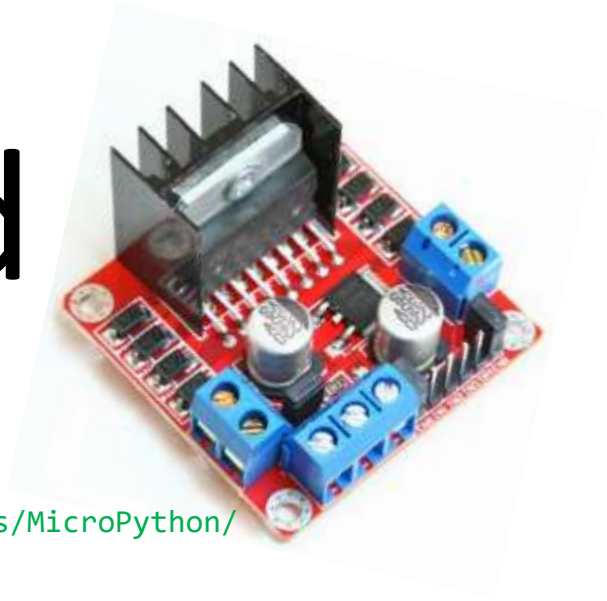
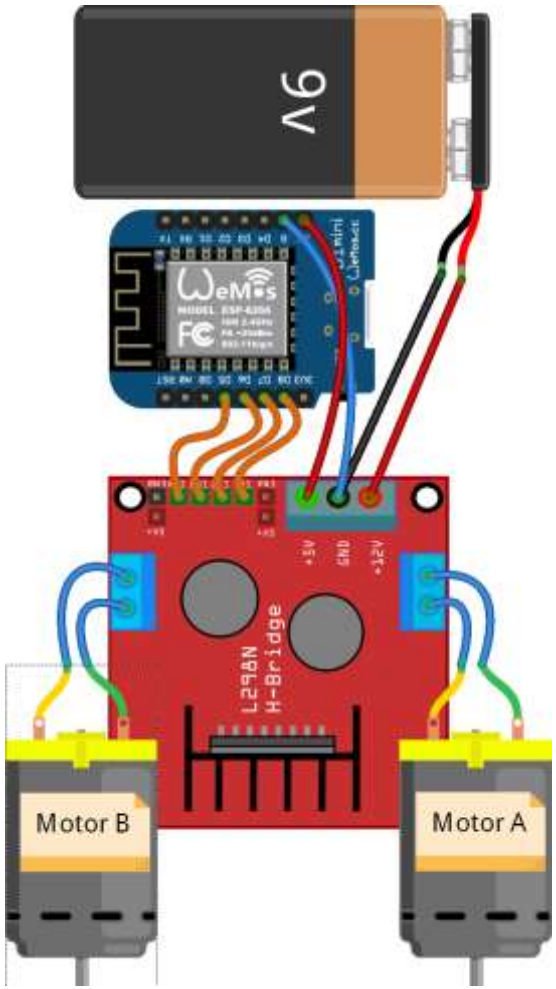
# moving around

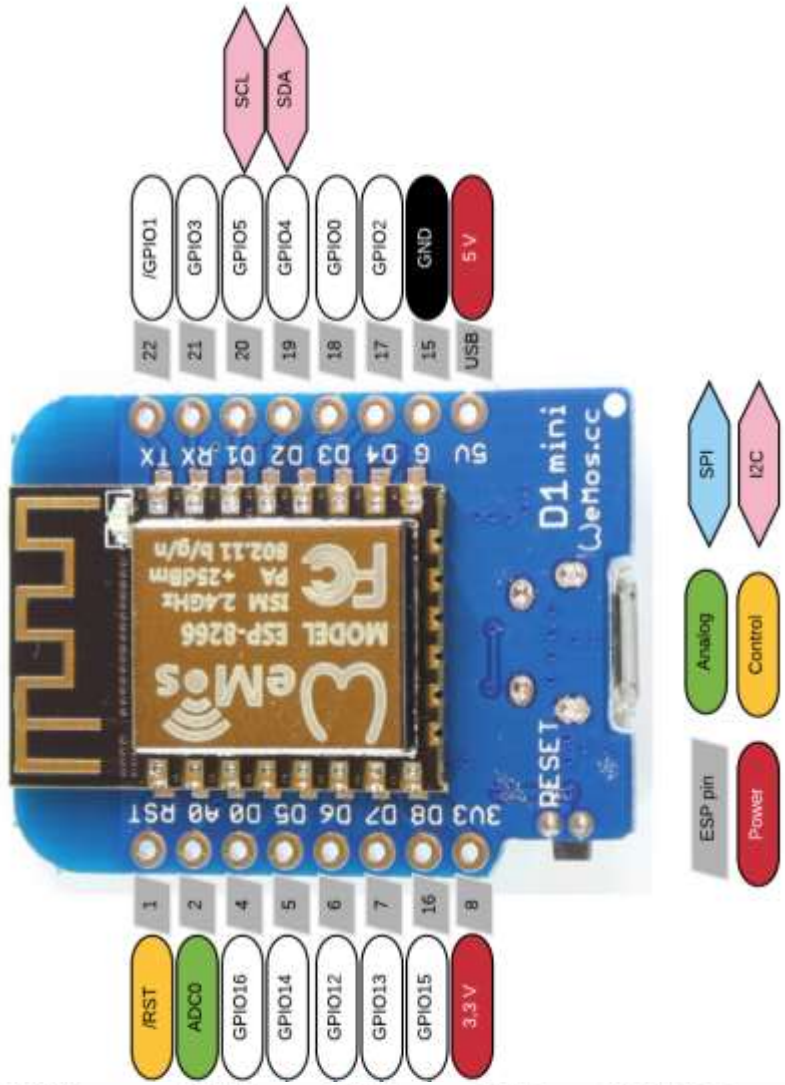





```
1   import os, gc, micropython, machine, time
2
3   # Get it from https://github.com/jpedrodias/MicroPython/
4   class MotorDC():
5     def __init__(self, EN1, EN2):
6       self.EN1 = machine.Pin(EN1, mode=machine.Pin.OUT, value=0)
7       self.EN2 = machine.Pin(EN2, mode=machine.Pin.OUT, value=0)
8     def forward(self):
9       self.EN1.value(1)
10      self.EN2.value(0)
11    def backward(self):
12      self.EN1.value(0)
13      self.EN2.value(1)
14    def stop(self):
15      self.EN1.value(0)
16      self.EN2.value(0)
17  # End class Motor
18
19  motor1 = MotorDC(13, 15) # D7 = 13, D8 = 15
20
21  motor1.forward()
22  time.sleep_ms(500)
23  motor1.stop()
24
25
```

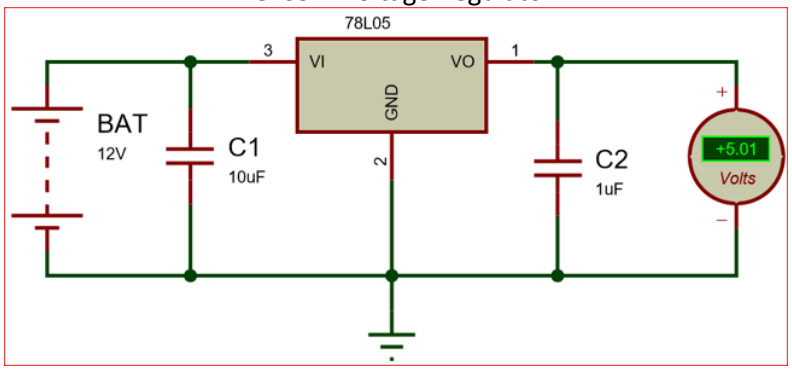
https://micropython.org/

WEMOS D1 MINI – PINOUT




| GPIO15 | GPIO0 | GPIO2 | Mode | Description |
|---|---|---|---|---|
| L | L | H | UART | Download code from UART |
| L | H | H | Flash | Boot from SPI Flash |
| H | x | x | SDIO | Boot from SD-card |

78L05 – Voltage Regulator




L298N DUAL H BRIDGE DC STEPPER MOTOR CONTROLLER MODULE