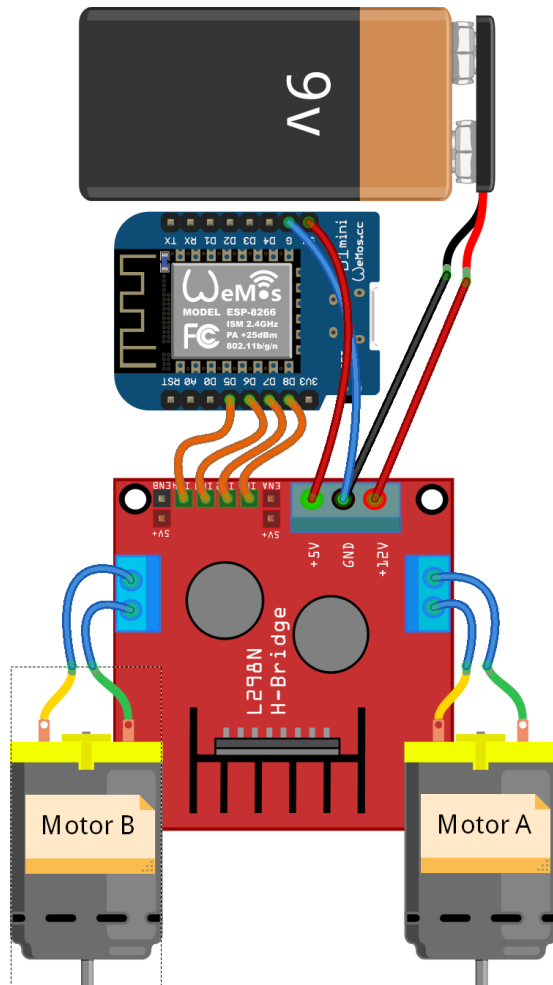
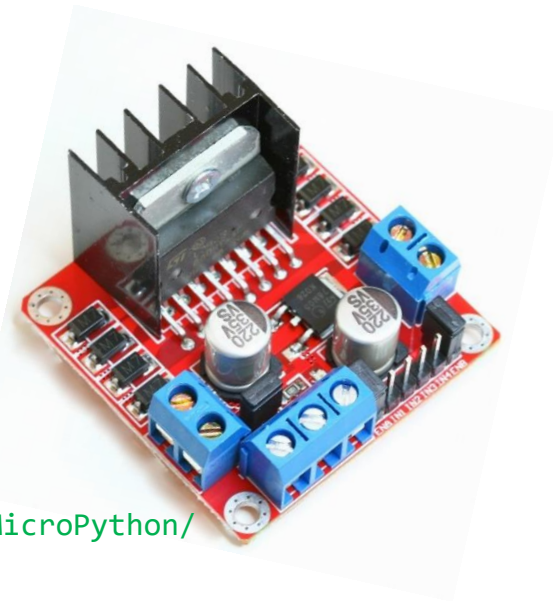


# moving around



```
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
```

WEMOS D1 MINI – PINOUT

GPIO15

L

L

H

GPIO0

L

H

x

GPIO2

H

H

x

Mode

UART

Flash

SDIO

Description

Download code from UART

Boot from SPI Flash

Boot from SD-card

1

2

4

5

6

7

16

8

/RST

ADC0

GPIO16

GPIO14

GPIO12

GPIO13

GPIO15

3.3 V

22

21

20

19

18

17

15

USB

/GPIO1

GPIO3

GPIO5

GPIO4

GPIO0

GPIO2

GND

5 V

SCL

SDA

ESP pin

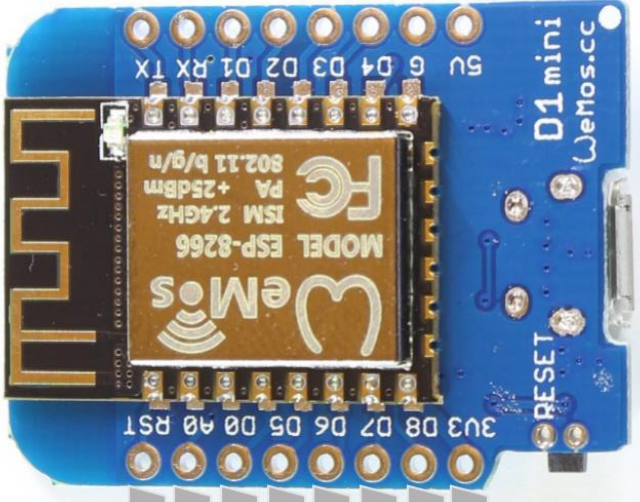
Power

Analog

Control

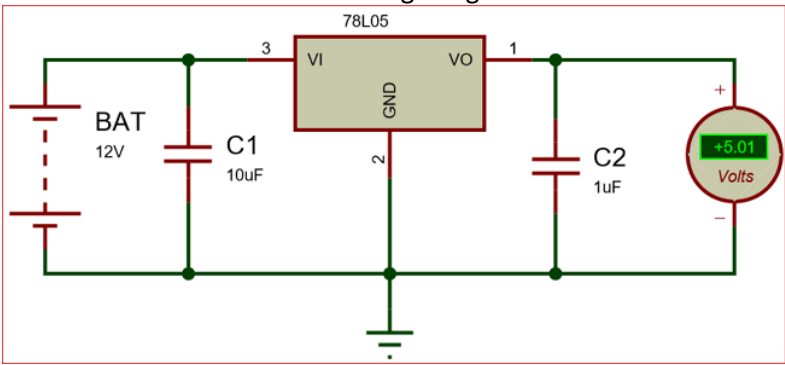
SPI

I2C



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

