

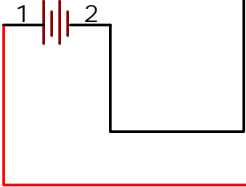
P1
MPU6050

3 INT
4 VIO
5 SDA
6 SCL
7 SDA
8 SCL
9 GND
10 VCC

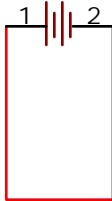
RPI1
RASPBERRY PI 4B

1	3.3V	5V	2
3	GPIO2/SDA	5V	4
5	GPIO3/SCL	GND	6
7	GPIO4	GPIO14	8
9	GND	GPIO15	10
11	GPIO17	GPIO18	12
13	GPIO27	GND	14
15	GPIO22	GPIO23	16
17	3.3V	GPIO24	18
19	GPIO10	GND	20
21	GPIO9	GPIO25	22
23	GPIO11	GPIO8	24
25	GND	GPIO7	26
27	DNC	DNC	28
29	GPIO5	GND	30
31	GPIO6	GPIO12	32
33	GPIO13	GND	34
35	GPIO19	GPIO16	36
37	GPIO26	GPIO20	38
39	GND	GPIO21	40

5V POWER BANK



7.4V Li-ion Battery



11 VCC
12 GND
13 +5V

1 ENA
2 IN1
3 IN2
4 IN3
5 IN4
6 ENB

7 MOTOR-A
8 MOTOR-A

10 MOTOR-B
9 MOTOR-B

MOTOR DRIVER

U3
DC Motor with Encoder_1

1 MotorGND
2 EncoderGND
3 OUTA
4 OUTB
5 Encoder+
6 Motor+

U4
DC Motor with Encoder_1

1 MotorGND
2 EncoderGND
3 OUTA
4 OUTB
5 Encoder+
6 Motor+