

DC-DC-STEP-DOWN-MP1584

converts to 5v

+

OUT+.2

IN+.2

OUT+.1

IN+.1

OUT-.2

IN-.2

OUT-.1

IN-.1

DRV8833

1 nSLEEP
2 AOUT1
3 AISEN
4 AOUT2
5 BOUT2
6 BISEN
7 BOUT1
8 nFAULT

GND 17
AIN1 16
AIN2 15
VINT 14
GND 13
VM 12
VCP 11
BIN2 10
BIN1 9

MPU6050

VCC
GND
SCL
SDA
XDA
XCL
ADO
INT

18650X2 Double Battery Cell Holder

5 6
5 6
(-)

3 4
3 4
(+)

n20 motor2

N20

n20 motor1

N20

NODEMCUV3 ESP8266

30 D0
29 D1
28 D2
27 D3
26 D4
25 3V3
24 GND
23 D5
22 D6
21 D7
20 D8
19 RX
18 TX
17 GND
16 3V3

15 A0
14 RSV
13 RSV
12 SD3
11 SD2
10 SD1
9 CMD
8 SDO
7 CLK
6 GND
5 3V3
4 EN
3 RST
2 GND
1 Vin