



USB HUB EXT.

- 1 USB CAM
- 2 Lidar

PORT C	
PIN NO.	Function
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	MotorC EncoderA
12	MotorC DIR
13	MotorC EncoderB
14	MotorC PWM
15	
16	
17	
18	LED PWM
19	Encoder GND
20	Encoder 5V

PORT A	
PIN NO.	Function
1	Ultrasound 5V
3	
5	
7	
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11	
13	
15	
17	
19	Motor Enable
21	
23	
25	
27	MotorA PWM
29	
31	
33	

PORT A	
PIN NO.	Function
2	
4	
6	
8	GND
10	RC Servo UART TX
12	RC Servo GND
14	RC Servo UART RX
16	GND
18	MotorA EncoderA
20	GND
22	MotorA EncoderB
24	GND
26	MotorA DIR
28	GND
30	Ultrasound GND
32	Ultrasound I2C SCL
34	Ultrasound I2C SDA

PORT B	
PIN NO.	Function
1	Zsensor 5V
2	
3	
5	
7	
8	GND
10	Zsensor UART TX
12	Zsensor GND
14	Zsensor UART RX
16	GND
18	MotorB EncoderA
20	GND
22	MotorB EncoderB
24	GND
26	MotorB DIR
28	GND
30	GND
32	
34	