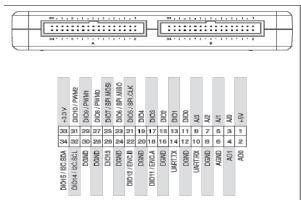


19 Encoder GND20 Encoder 5V





USB HUB EXT.

- 1 USB CAM
- 2 Lidar

PORT C		PORT A	PORT B
PIN NO. Function	PIN NO. Function	PIN NO. Function	PIN NO. Function PIN NO. Function
1	1 Ultrasound 5V	2	1 Zsensor 5V 2
2	3	4	3
3	5	6	5
4	7	8 GND	7 8 GND
5	9	10 RC Servo UART TX	9 10 Zsensor UART TX
6	11	12 RC Servo GND	11 12 Zsensor GND
7	13	14 RC Servo UART RX	13 14 Zsensor UART RX
8	15	16 GND	15 16 GND
9	17	18 MotorA EncoderA	17 18 MotorB EncoderA
10	19 Motor Enable	20 GND	19 20 GND
11 MotorC EncoderA	21	22 MotorA EncoderB	21 22 MotorB EncoderB
12 MotorC DIR	23	24 GND	23 24 GND
13 MotorC EncoderB	25	26 MotorADIR	25 26 MotorB DIR
14 MotorC PWM	27 MotorA PWM	28 GND	27 MotorB PWM 28 GND
15	29	30 Ultrasound GND	29 30 GND
16	31	32 Ultrasound I2C SCL	31
17	33	34 Ultrasound I2C SDA	33
18 LED PWM			