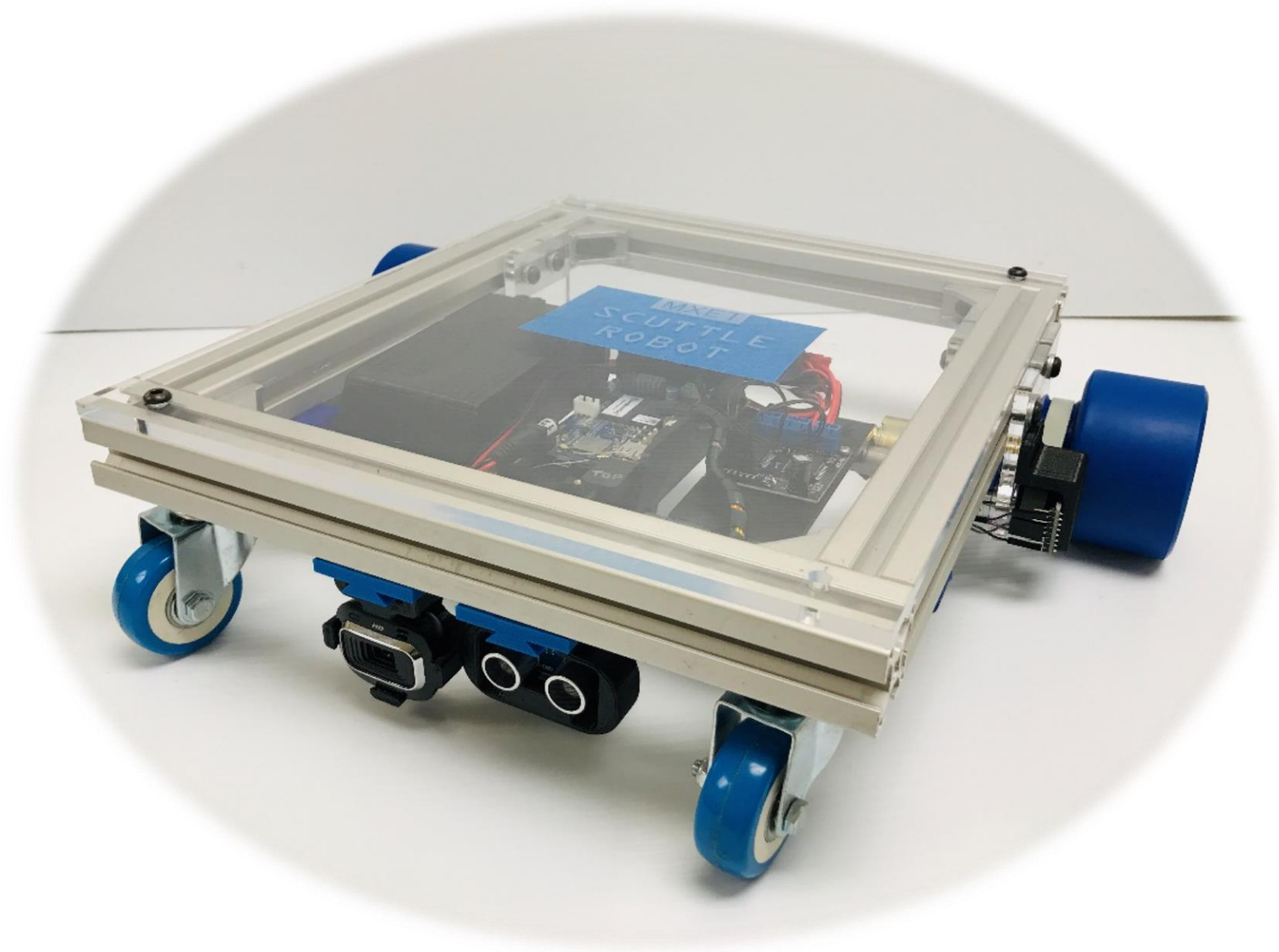
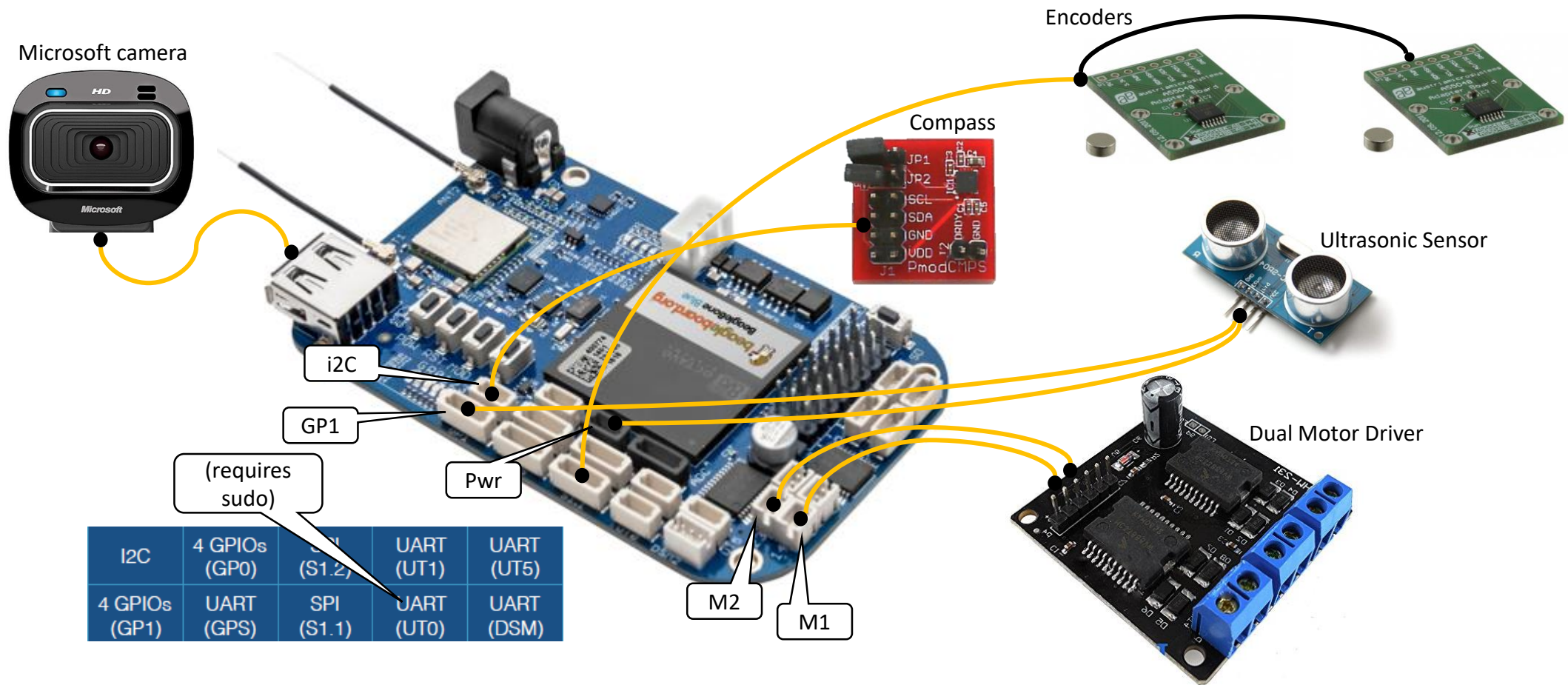


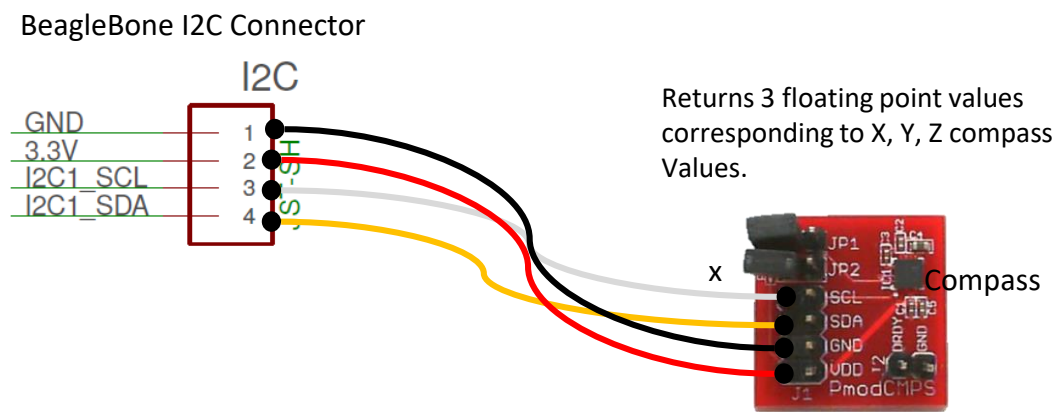
# Scuttle robot Wiring Guide (rev 2019.01.29)



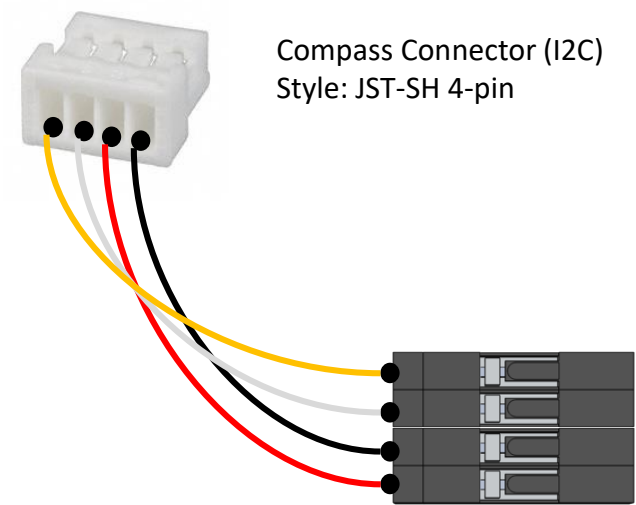
# All Sensors on BeagleBone



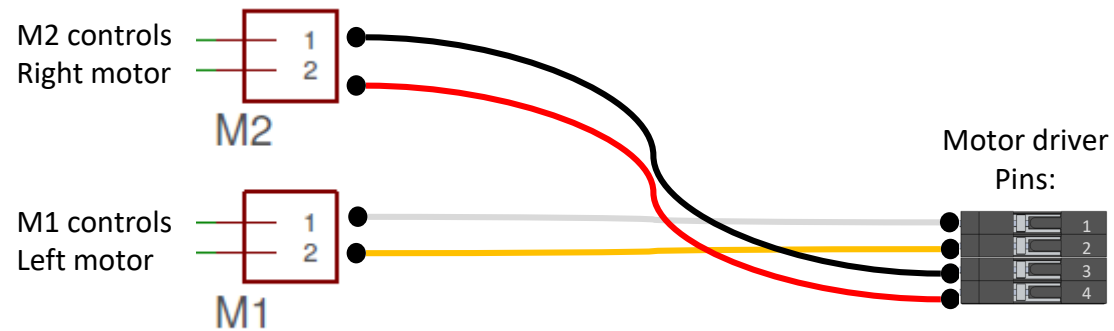
# BeagleBone to Compass (I2C)



*This diagram does not show encoders which couple to the same i2C bus*

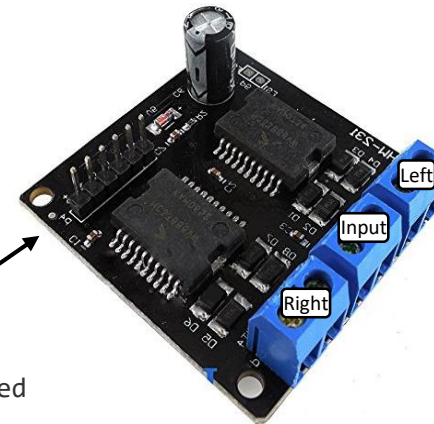


# BeagleBone to Motor Driver (PWM)

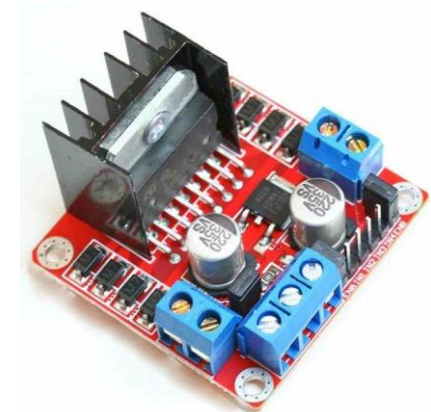


Ground is not connected because the BBB has a common ground to the battery pack.

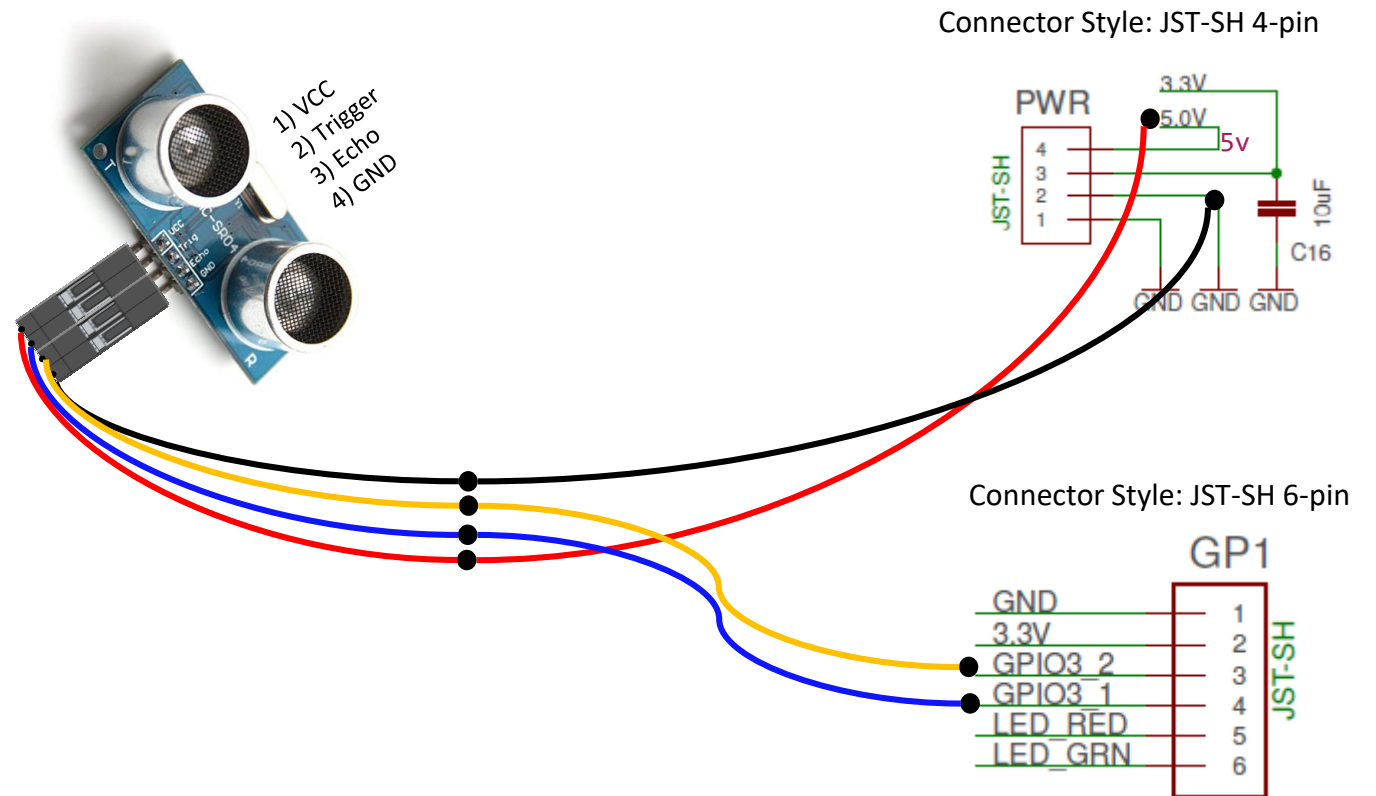
HW 231 Motor Driver



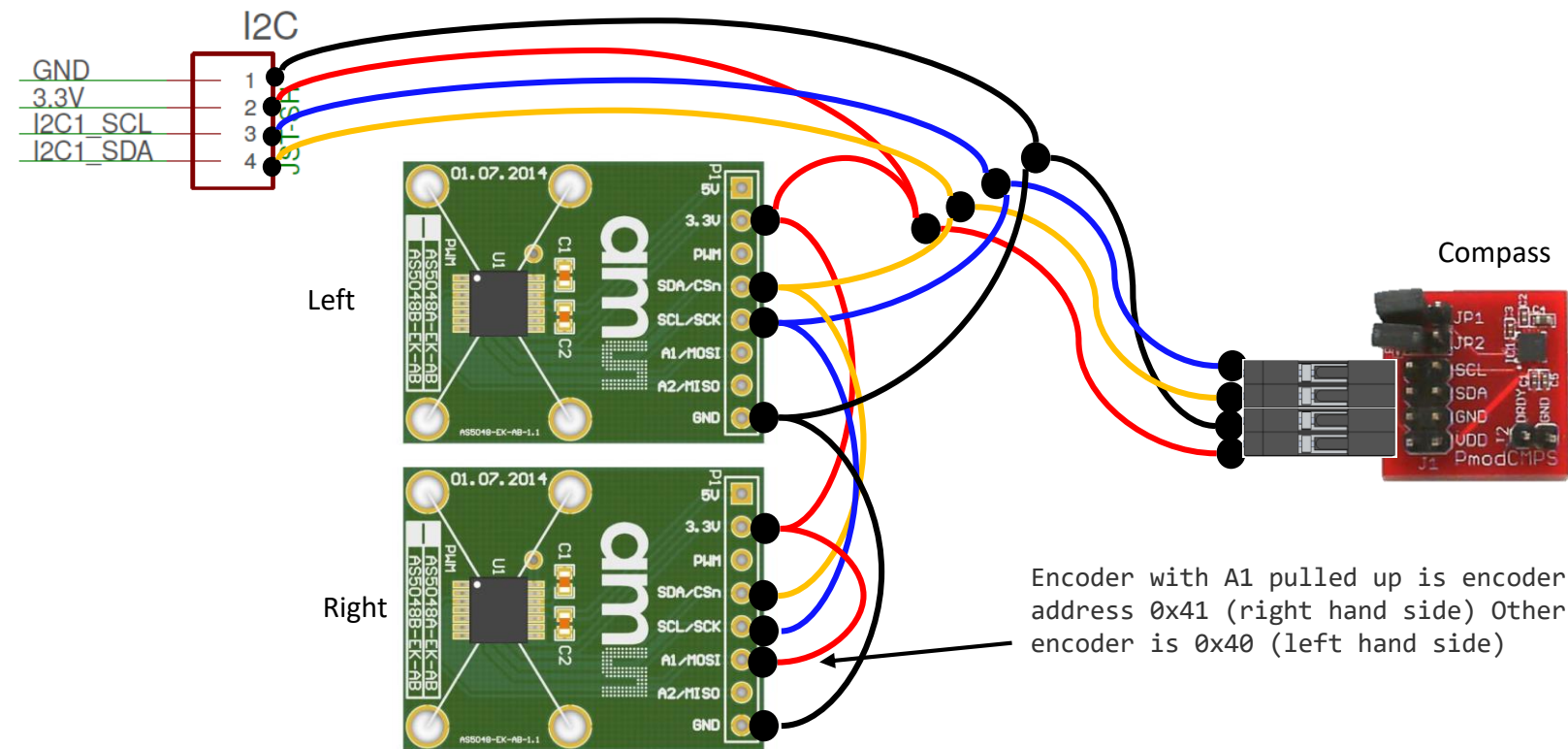
L298N Motor Driver



# Ultrasonic Distance Sensor (GPIO)



# Encoder AS5048 (SPI)





# Battery

