

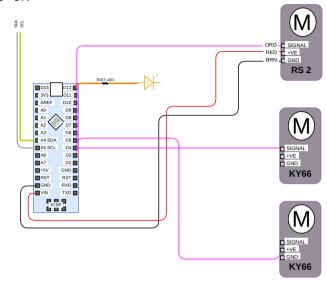
```
/**

* DC
LEFT/RIGHT
TRACK

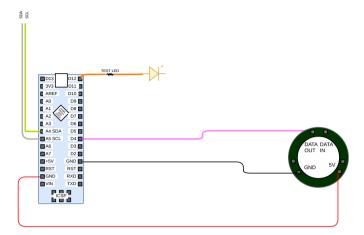
*

*/
// LEFT motor
int enA = 11;
// Speed, PWM
int in1 = 9;
// H-bridge
int in2 = 8;
// H-bridge
```

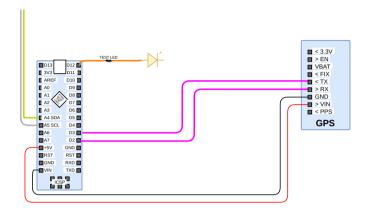
test_servos 02APR2018 OK



test_neo_pixel



test_gps 02APR2018 OK



\$GPGGA,181908.00,3404.7041778,N,07044.3966270, W,4,13,1.00,495.144,M,29.200,M,0.10,0000*40

All NMEA messages start with the \$ character, and each data field is separated by a comma

GP represent that it is a GPS position (GL would denote GLONASS).

181908.00 is the time stamp: UTC time in hours, minutes and seconds.

3404.7041778 is the latitude in the DDMM.MMMMM format. Decimal places are variable.

N denotes north latitude.

07044.3966270 is the longitude in the DDDMM.MMMMM format. Decimal places are variable

W denotes west longitude.

4 denotes the Quality Indicator:

1 = Uncorrected coordinate

2 = Differentially correct coordinate (e.g., WAAS, DGPS)

4 = RTK Fix coordinate (centimeter precision)

5 = RTK Float (decimeter precision.

13 denotes number of satellites used in the coordinate.

1.0 denotes the HDOP (horizontal dilution of precision).

495.144 denotes altitude of the antenna.

M denotes units of altitude (eg. Meters or Feet)

29.200 denotes the geoidal separation (subtract this from the altitude of the antenna to arrive

M denotes the units used by the geoidal separation.

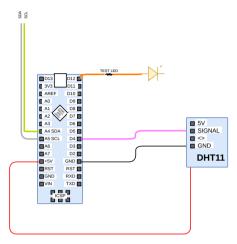
1.0 denotes the age of the correction (if any).

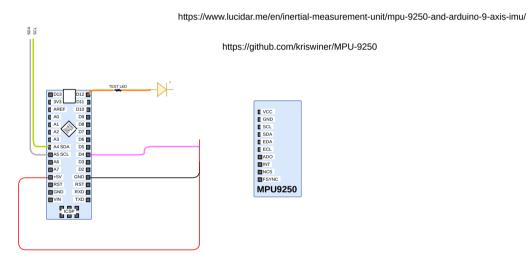
0000 denotes the correction station ID (if any).

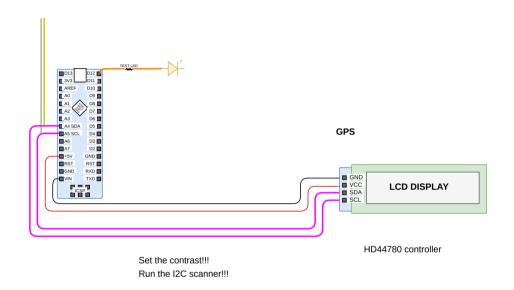
*40 denotes the checksum.



test_temp_hum







I2C multiplexor! https://www.adafruit.com/product/2717

https://martin-jones.com/2013/08/20/how-to-get-the-second-raspberry-pi-i2c-bus-to-work/

https://www.raspberrypi.org/forums/viewtopic.php?f=28&t=87715

