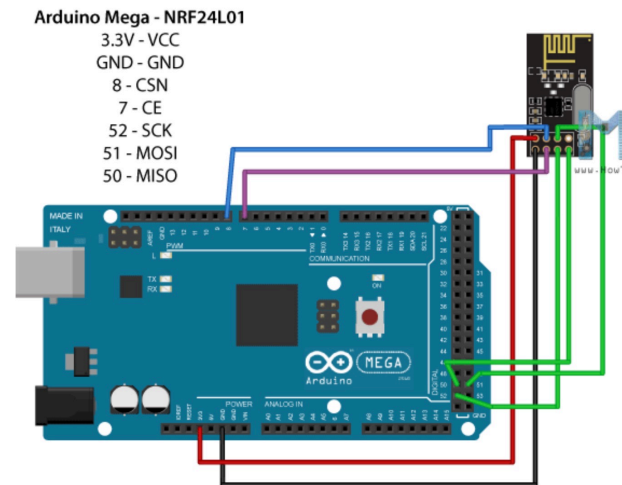
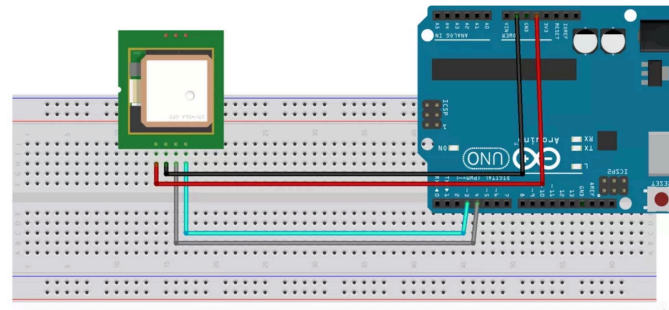
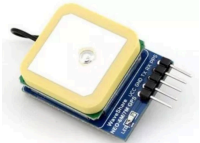


## Wireless Radio NRF24L01



## GPS Neo7



Mega board: Serial3 is on pins 14 (TX) and 13 (RX)

Martians is a fun project teaching how to make wireless animated communication devices.

Jim Henson's Muppets work on Sesame Street inspired this project. <https://www.youtube.com/watch?v=KTc3PsW5ghQ>

I brought the Martians to the Maker Faire, San Mateo, California. May 17 to 19, 2019. <http://makerfaire.com>

Martians is a free GPL open source project. Find all code, wiring, components, and everything else at:

<https://github.com/frankcohen/Martians>

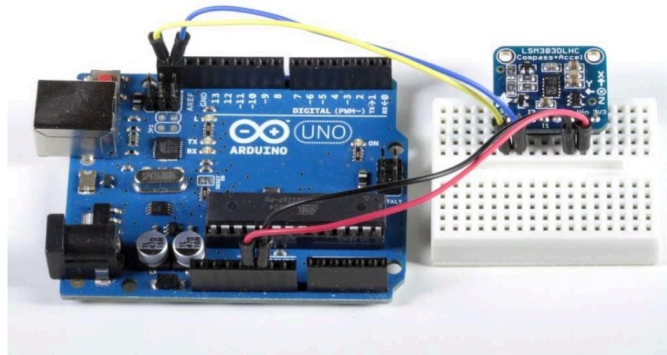
## IMU

### Adafruit Triple-axis Accelerometer+Magnetometer (Compass) Board - LSM303

#### Connect to the Arduino:

The LSM303 breakout requires only 4 wires:

- GND->GND
- VIN->5v (It will also work on 3.3v)
- SDA->SDA (A4 on 'classic' Arduinos)
- SCL->SCL (A5 on 'classic' Arduinos)



Mega2560 board: pins 20 (SDA), 21 (SCL)

## WS2812 Strip

// WS2812B strip, white wire = GND, Red = +5, Middle = data