

Mapping Remotely Controlled Robot-Vehicle

1. Components that where used:

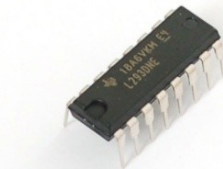
1 - Arduino Uno rev3



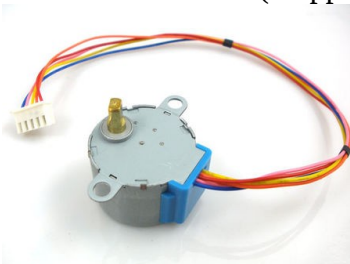
1 - Raspberry Pi B+



2 - L293D H-Bridge 1A (driver)



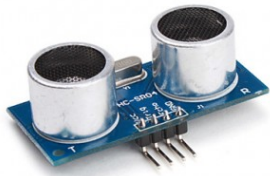
2 - 28BYJ-48 5volt (Stepper motor)



1 - Raspberry Pi Camera Module



1 - Ultrasonic ranging module HC – SR04



1 - Adafruit 10-DOF IMU Breakout - L3GD20H + LSM303 + BMP180



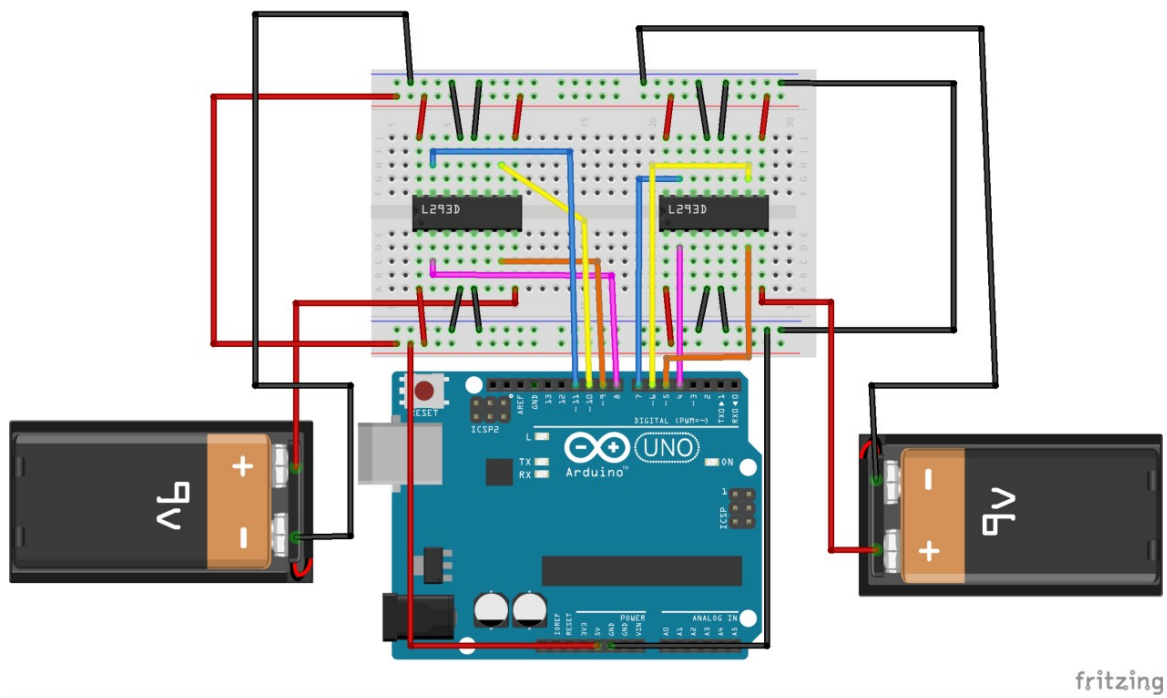
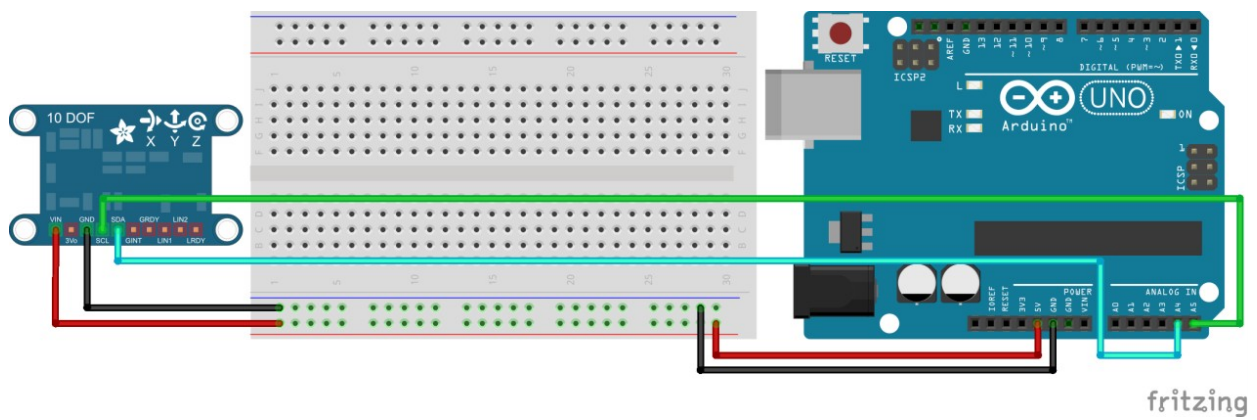
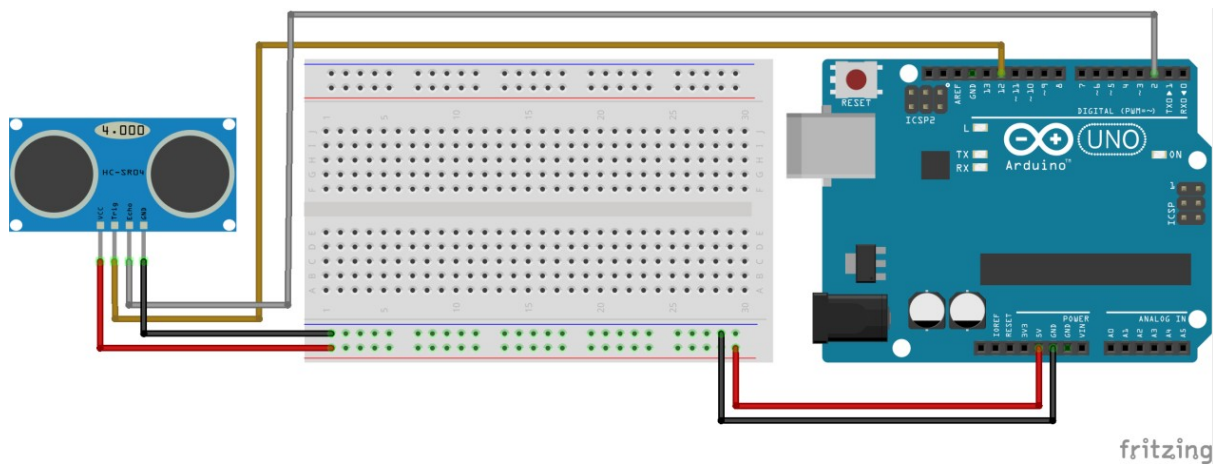
1 - Battery Pack 6600mAh 5V/2A & 5V/1A

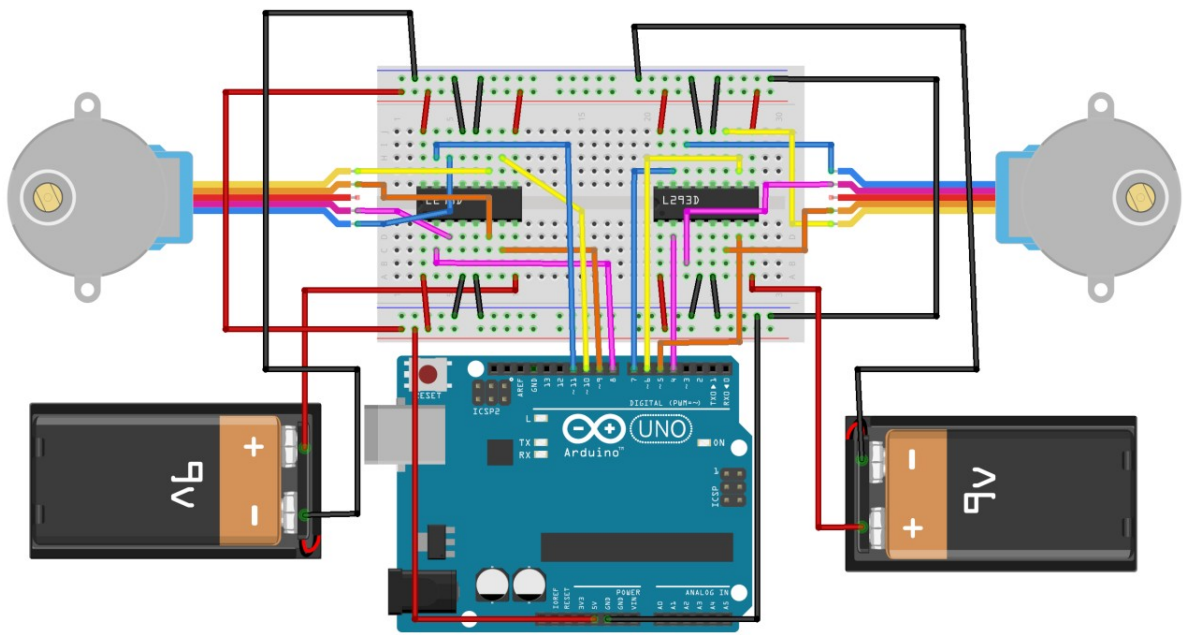


2 – Rubber Wheels



2. Connections between every component





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3. Installations And Stuff

How to install processing in Raspberry Pi:

<http://www.bashmodulo.com/raspberrypi/how-to-install-processing-2-1-1-on-raspberry-pi/>

How to install Web Cam Interface:

<http://elinux.org/RPi-Cam-Web-Interface>

Code and everything else (also any questions if you have 😊):

<https://github.com/stevaras/RC-car-project-for-mapping>