# Galileo Project Info

**Parts List:**

|  |  |  |  |
| --- | --- | --- | --- |
| Component | Comments | Datasheet | Store link |
| Galileo Gen 2 |  | [Datasheet](http://1drv.ms/1MCi3nc) |  |
| Ultrasonic Range Finder | HC-SR04 | [Datasheet](http://1drv.ms/1MChVUW) | [Link](http://www.bitsbox.co.uk/index.php?main_page=product_info&cPath=302_310&products_id=2109&zenid=v4bmmrdk1t85fon8fg1ot6l8p7) |
| Servo | Speed: .23 sec/60° @ 4.8V or .16 sec/60° @ 6V  Torque: 44 oz-in @ 4.8V or 56.8 oz-in @ 6V  (3.2 kg-cm @ 4.8V or 4.1 kg-cm @ 6V)  Size: 1.6"L x .8"W x 1.4"H (41x20x36mm) w/o output shaft  Weight: 1.3oz (37.2g)  Connector: "J" type with approx. 5" lead | [Datasheet](http://1drv.ms/1MChR7v) | [Link](http://www.rapidonline.com/electronic-components/picaxe-servo-upgrade-kit-13-5058#techSpecs) |
| Adafruit Motor Shield V2 | [Install Guide](https://learn.adafruit.com/adafruit-motor-shield-v2-for-arduino/install-software) | [Datasheet](http://1drv.ms/1MCioGA) | [Link](http://www.rapidonline.com/electronic-components/arduino-motor-stepper-servo-shield-kit-by-adafruit-73-4497) |
| XRF Wireless Module | [Manufacturer Page](http://shop.ciseco.co.uk/xrf-wireless-rf-radio-uart-serial-data-module-xbee-shaped/), [Info](http://1drv.ms/1AqIhkQ) | [Datasheet](https://onedrive.live.com/redir?resid=6D0D28388AEC5F05!112464&authkey=!AGGcbUy_uIBrqhc&ithint=file%2cpdf) | [Link](http://www.rapidonline.com/electronic-components/xrf-wireless-rf-radio-uart-rs232-serial-data-module-73-4604) |
| Breakout Board for XRF Module | Passive version. [Manufacturer Page](http://shop.ciseco.co.uk/xbbo-break-out-board-for-xbee-shaped-modules/), [Info](http://1drv.ms/1AqIkxl), [Build Guide](http://openmicros.org/index.php/articles/88-ciseco-product-documentation/123-xbbo-how-to-build) |  | [Link](http://www.rapidonline.com/electronic-components/xbbo-break-out-board-for-xbee-shaped-modules-73-4586) |