# Quadrotor Documentation:

## Controller Board

### (Software)

#### Complete:

##### USART Driver

##### I2C Driver

##### ADC Driver for IMU

##### GPIO/LED pin driver

##### Timer driver

##### Async Buttons

#### Todo:

#### Tidy up I2c Driver

#### EEPROM Driver and API

#### Serial interface to computer

#### Serial interface API

#### PID tuning

#### Iterate board

#### Sonar Driver and API

#### GPS Driver and API

#### SPI Driver

#### SPI Optical flow sensor

#### Graph interface to computer

##### Testing metal frame

### (Hardware)

### (Design)