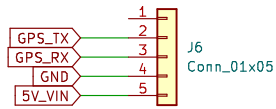
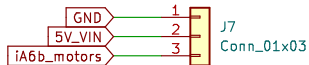


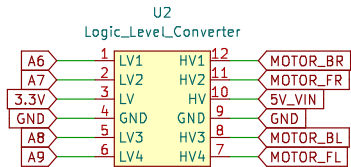
GPS Connection



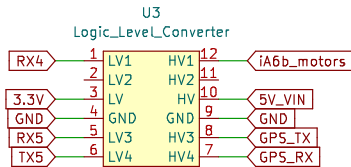
Transceiver Connection



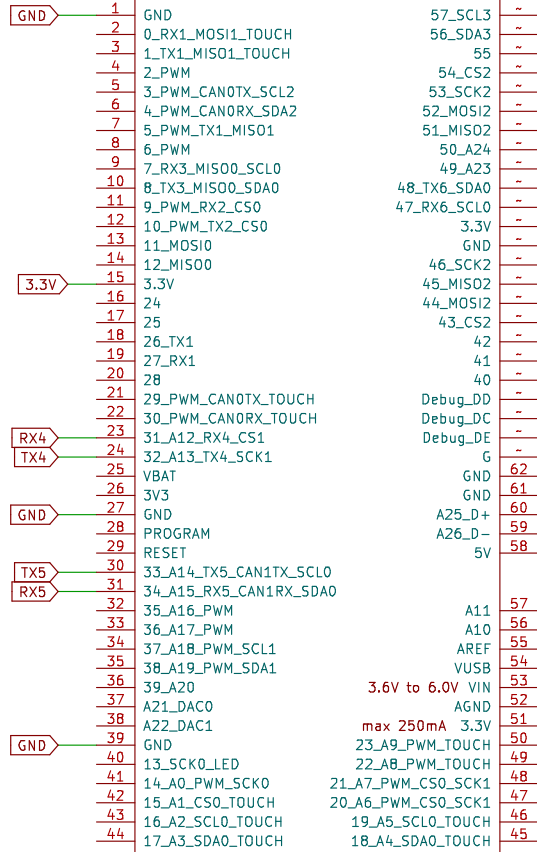
Level Shifter for motor PWM



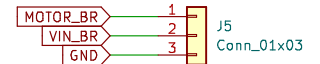
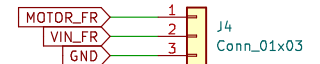
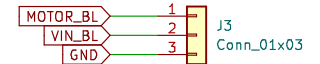
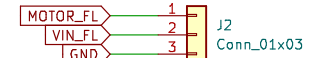
Level Shifter for Transceiver and GPS module



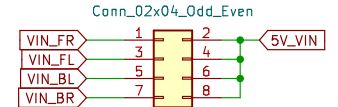
U1 Teensy3.6 Teensy:Teensy35_36_outerpins



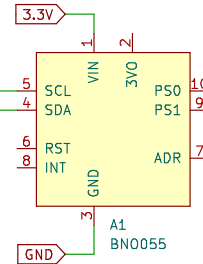
Motor Connections



Power Jumper (Choose which ESC provides power)



BNO055 IMU breakout board from Adafruit



Need pull-ups on SDA/SCL
Teensy internal pull-ups
not enough

Sheet: /
File: flight_controller.kicad_sch

Title: Flight Controller

Size: A4 Date: / /
KiCad E.D.A. kicad 6.0.10-86aedd382b-118-ubuntu22.04.1

Rev: 1.1
Id: 1/1