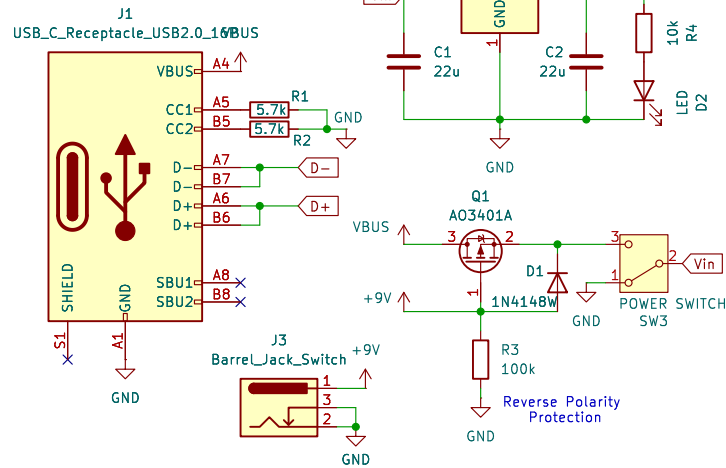
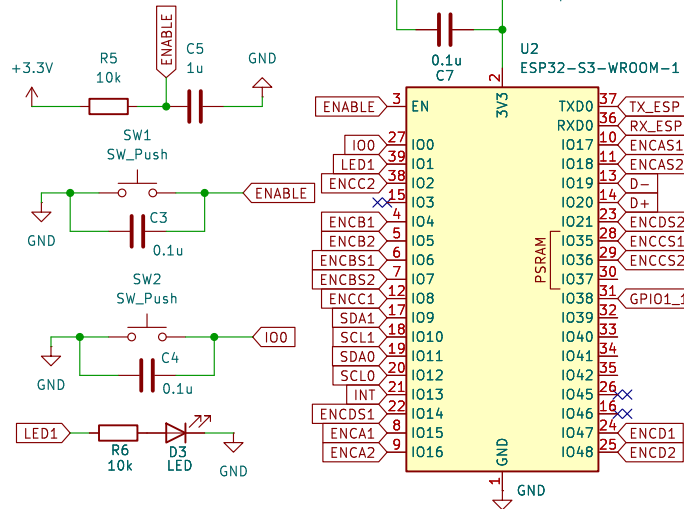


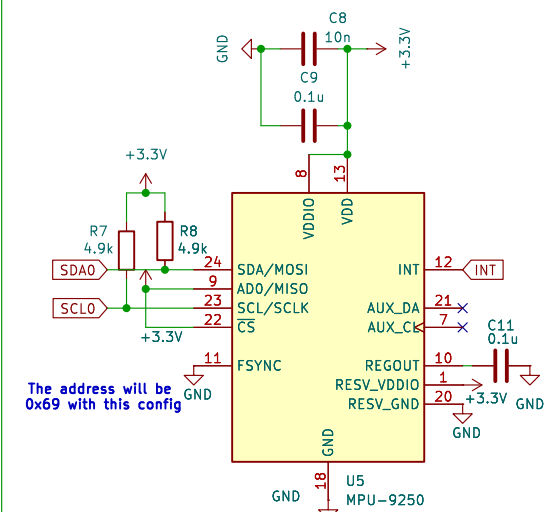
USB-C and Power



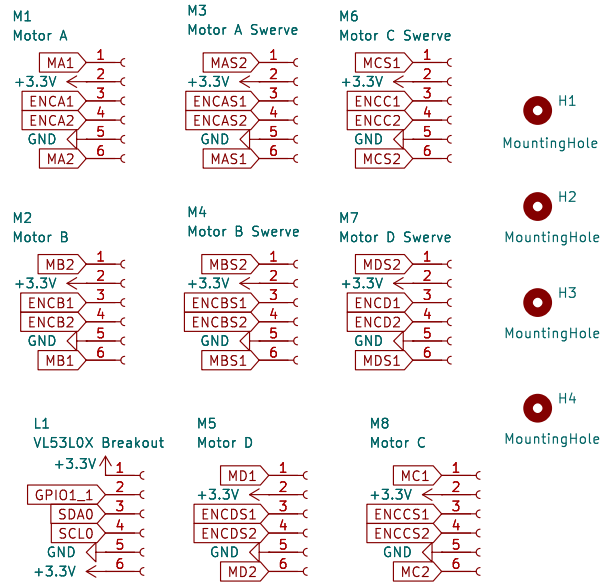
Microcontroller



IMU & Compass (MPU9250)



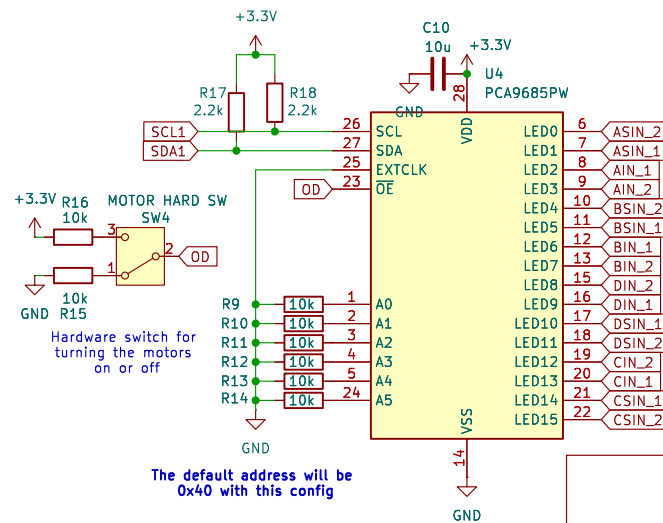
Headers



XSHUT pulled HIGH because we want it the ToF module active

MX represents motors
LX represents VL53L0X

I2C PWM Expander (PCA9685) and Motor Driver



The default address will be 0x40 with this config

Motor Driver

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Sheet: /
File: TheKitKat.kicad_sch

Title:

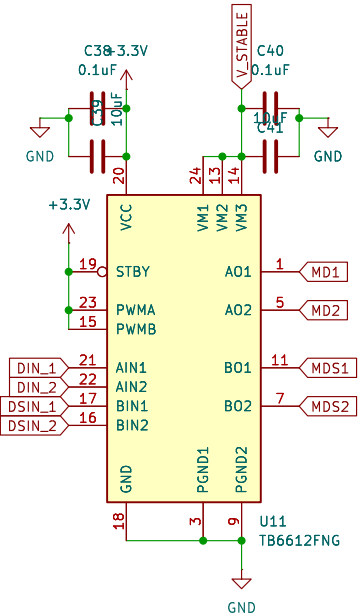
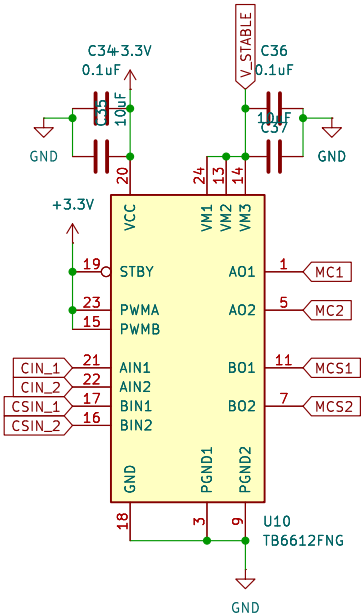
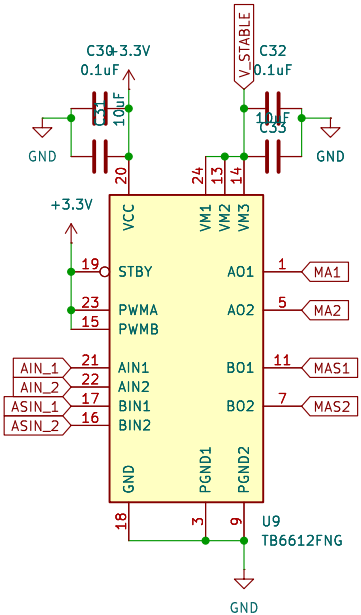
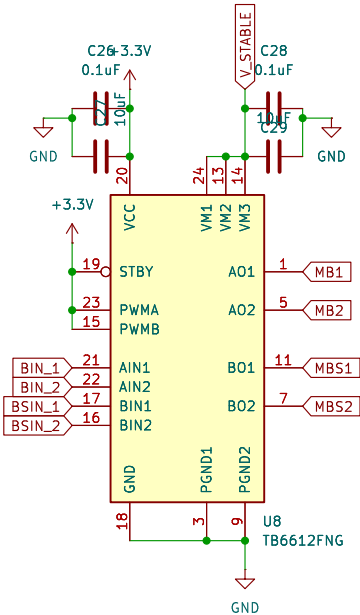
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KiCad E.D.A. 8.0.1

Date:

Rev:

Id: 1/2

TB6612FNG Motor Drivers



Sheet: /Motor Driver/
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Title:

Size: A4

Date:

KiCad E.D.A. 8.0.1

Rev:

Id: 2/2