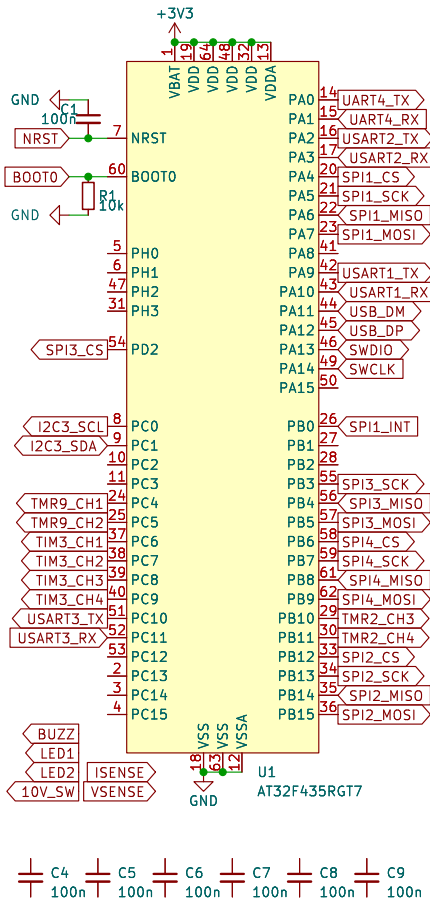
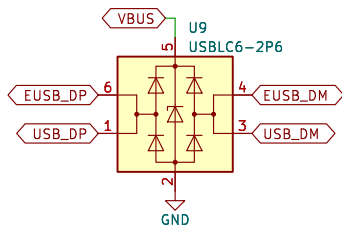


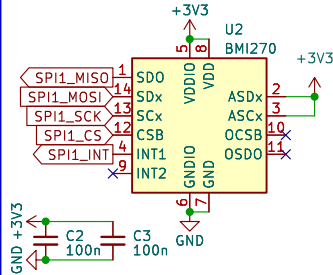
AT32 Microcontroller



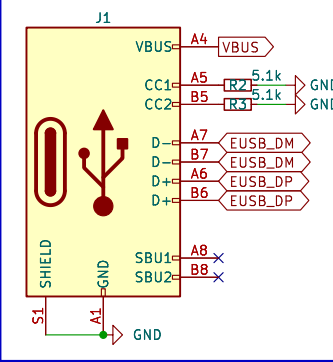
USB ESD



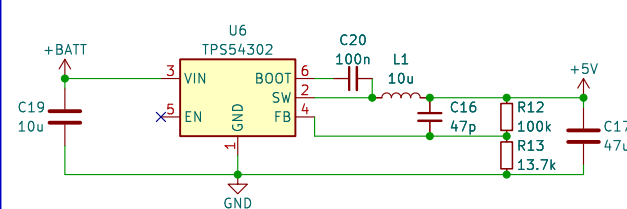
Gyro + Accelerometer



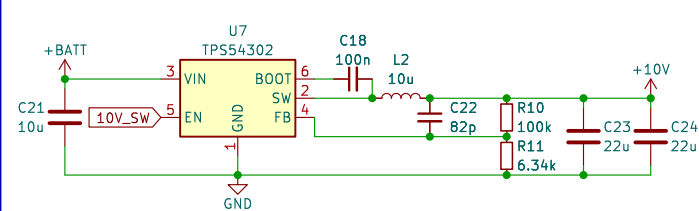
USB C 2.0 Connector



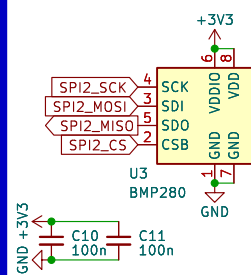
5V Supply



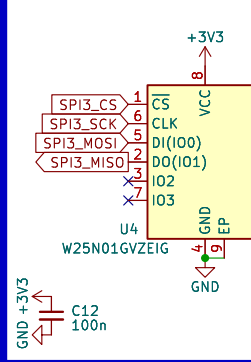
10V Supply



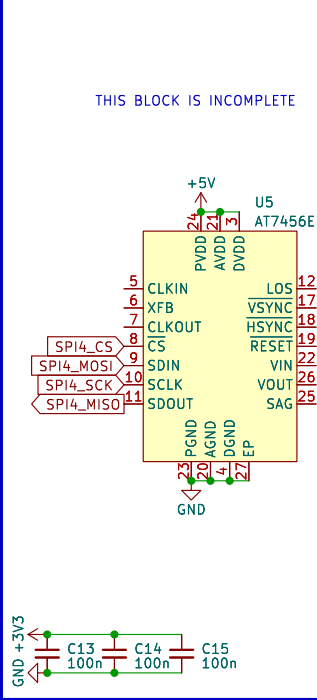
Barometer



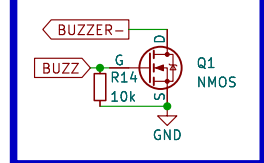
Flash Memory



Analog Video OSD



Buzzer



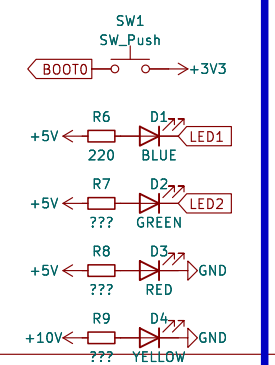
NOTES

- * TMR3 pins are for primary motors.
- * TMR3 pins could be mapped to TMR8.
- * TMR2/TMR9 are for servos.
- * Confirm that crystal is not needed for USB.
- * Check we can interrupt on PB0
- * LED supplies can be 5V as long as LED pins on MCU are FT.
- * Consider TagConnect for SWD

TODO

- * Voltage sense
- * Current sense
- * Pads
- * Connectors
- * OSD

Buttons and LEDs



Sheet: /
File: flight-controller.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad 7.0.2-6a45011f42-172-ubuntu22.04.1

Date:

Rev:

Id: 1/1