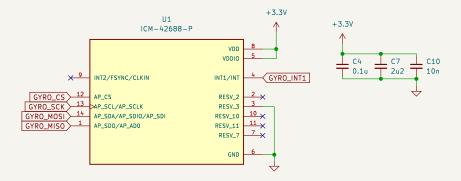
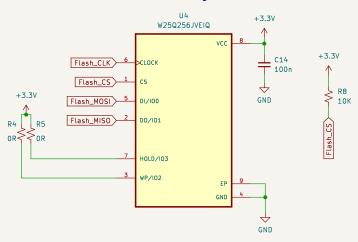
мси		
File: FC_MCU.kicad_sch Connectors	Sensors & Peripherals	Power
File: FC_Connectors.kicad_sch	File: Sensors & Peripherals.kicad_sch	File: FC_Power.kicad_sch

# IMU-Gyroscope & Accelerometer



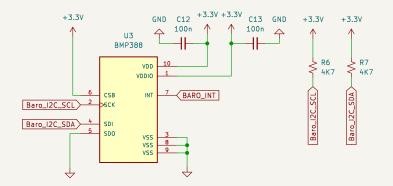
# Flash Memory



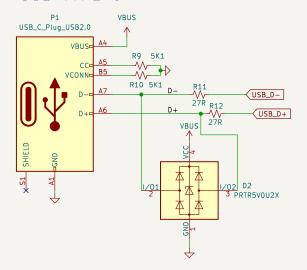
#### +5٧ AT7456E +5٧ C9 C11 AVDD 100n = DVDD OSD\_HSE\_IN PVDD R2 10K OSD\_CS 8 HSYNC GND RESET VSYNC OSD\_HSE\_IN 6 CLKIN CLKOUT R3 LOS OSD\_CLK 10 11 OSD\_MISO 75R SCLK SDOUT OSD\_MOSI 9 SDIN VOUT SAG R1 C3 75R N1 100n GND GND C8 0.1 // 22u AGND DGND → 27MHz \_ C1 \_ C2 ± 10p 23 PGND EP $\Diamond$ GND

## **Barometer**

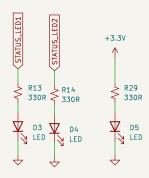
# **12C** Pullup



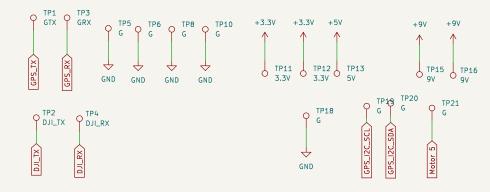
#### **USB TYPE C**

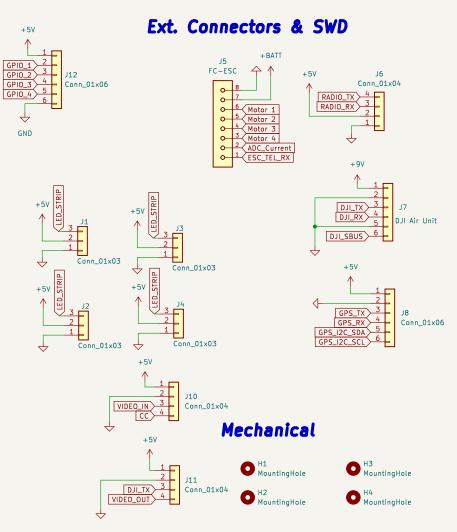


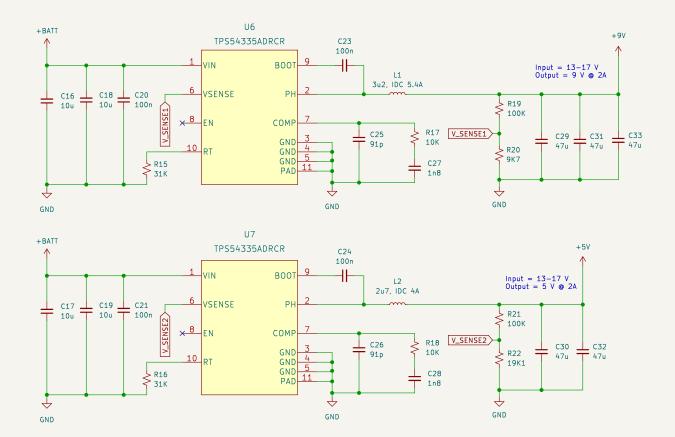
## Status LEDs

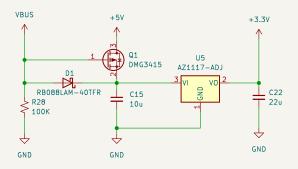


#### **External Solderable Connection Points**

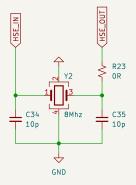


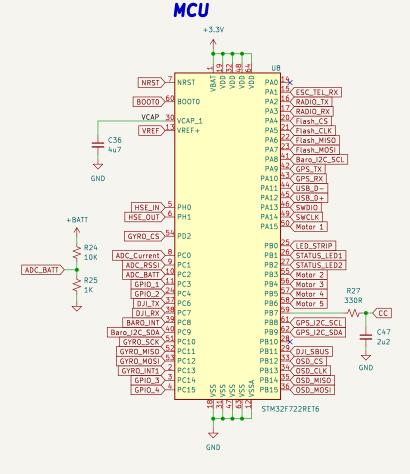




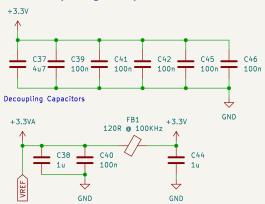


# **External Crystal**





## **Decoupling Capacitors**



#### Reset & Boot Pin

