

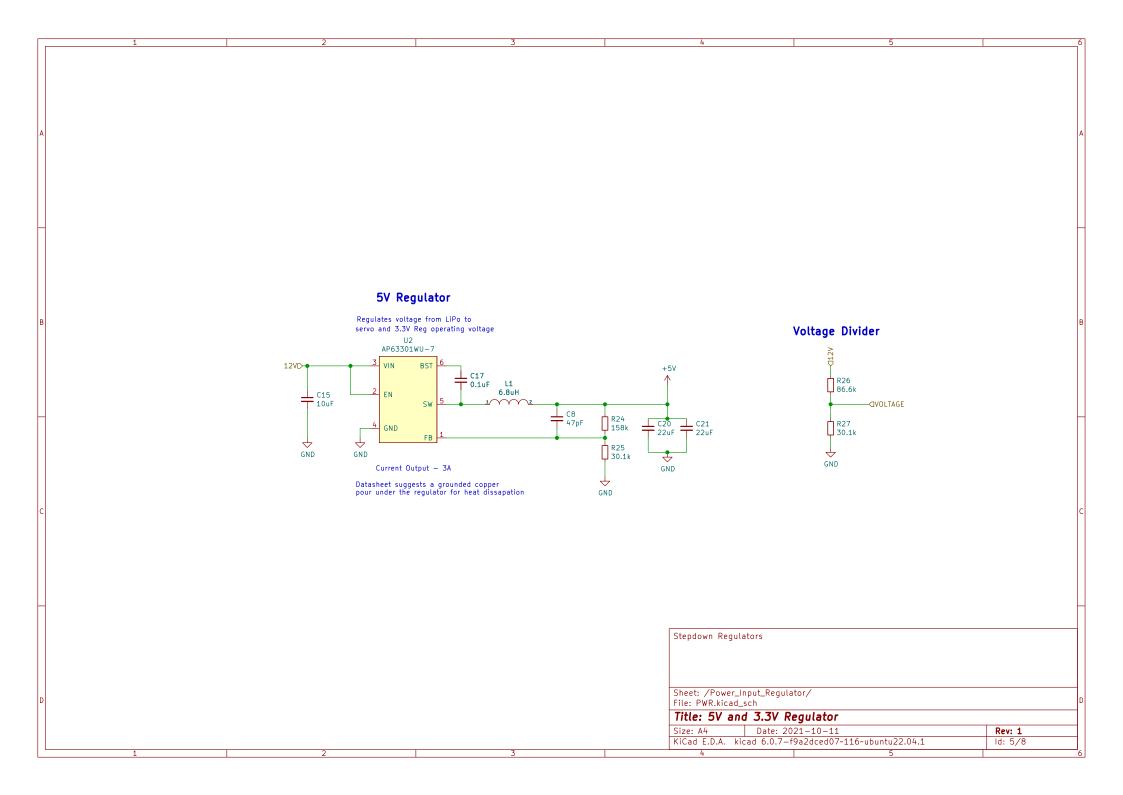
Extra Peripherals TVC Servo Outputs Motor_Servo ≥ Motor_Servo Motor_Servo Motor_Servo AST1240MLQTR +3.3V GND +5V GND GND GND +3.3V +5٧ +57 GND GND 1× D1 NeoPixel Servo Bulk Capacitors +5V +5٧ C22 C23 GND GND LED, Buzzer Microcontroller Breakout Pins

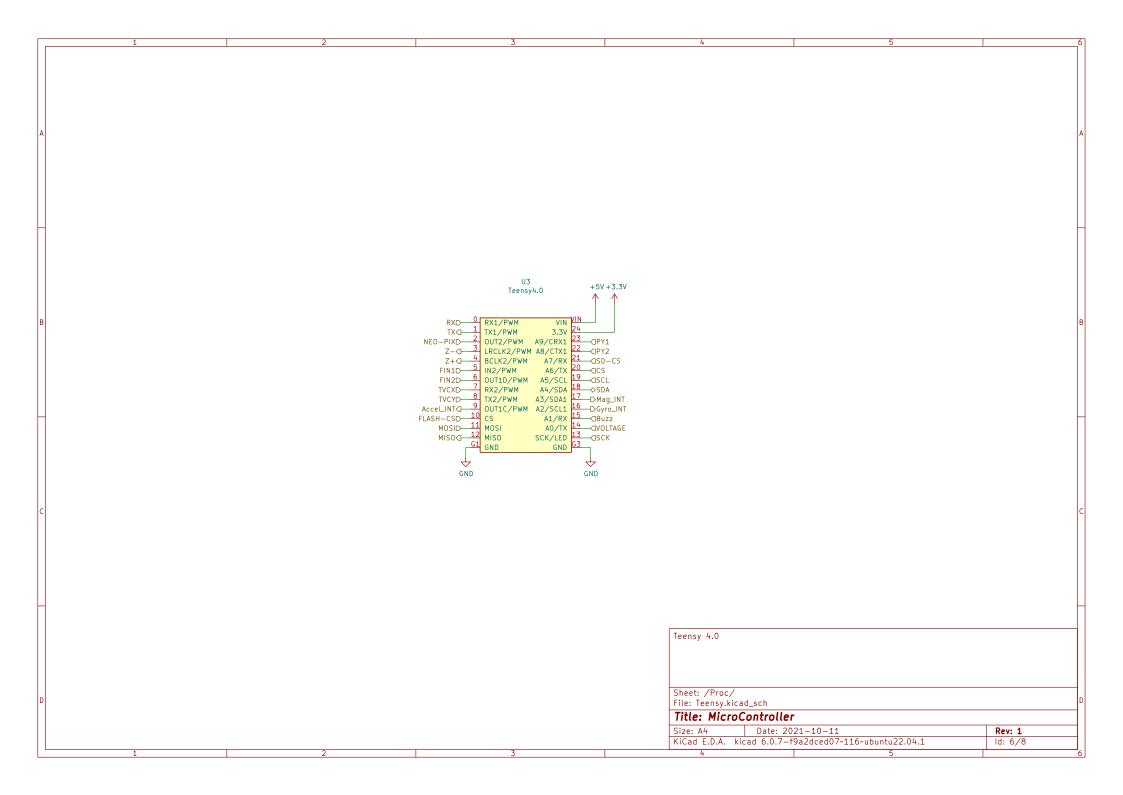
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File: BuzzAldrin_LED.kicad_sch

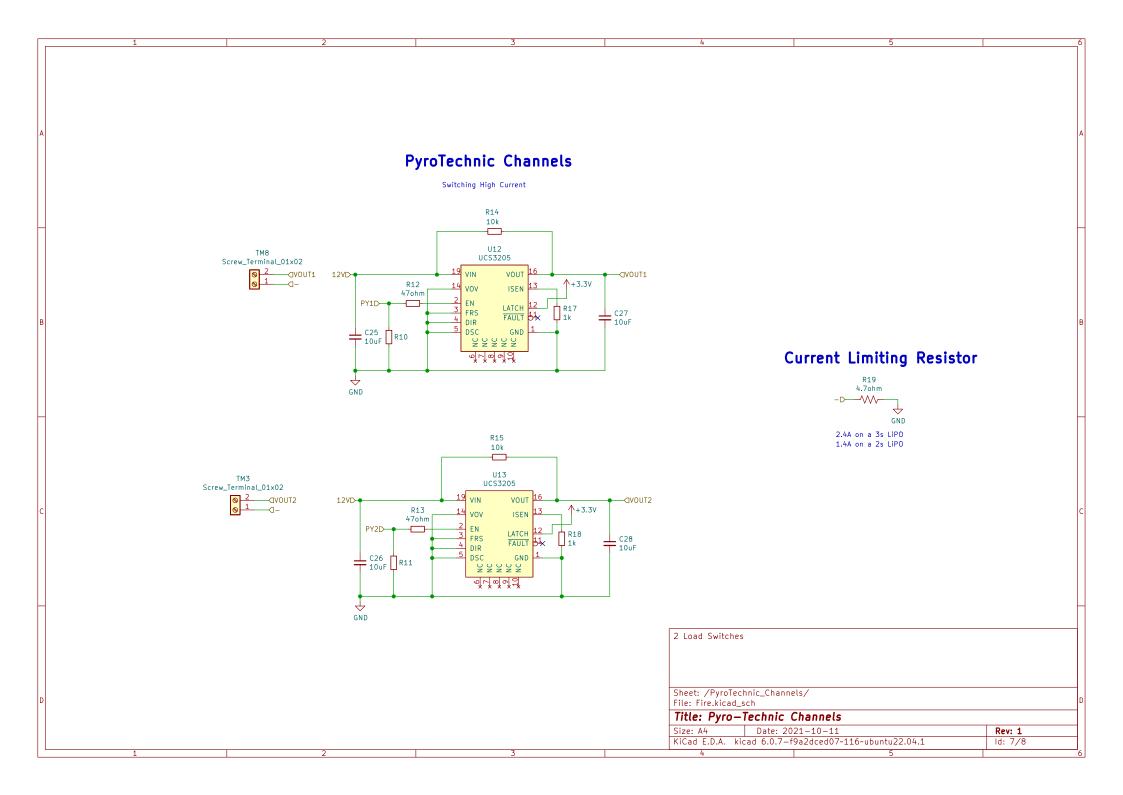
Title: Additional Peripherals

Size: A4 Date: 2021-10-11 Rev: 1

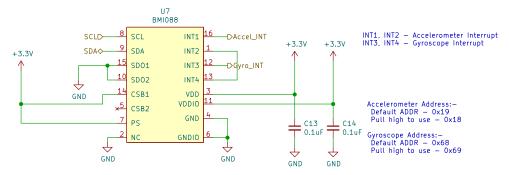
KiCad E.D.A. kicad 6.0.7-f9a2dced07-116-ubuntu22.04.1 Id: 4/8



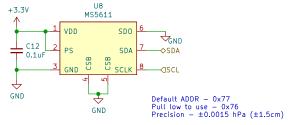




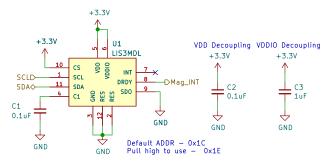
6DOF BMI088 IMU Accelerometer + Gyroscope



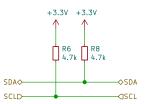
Primary Barometer



Magnetometer



12C Pullups



These resistors pull their corresponding I2C lines (SDA or SCL) high when it is not driven low by the "open drain" nature of I2C bus drivers.

BMI088- (Accel + Gyro) MS5611 (Primary Baro) LIS3MDL (Mag)

Drawn by Abhigna Y

Sheet: /Sensor_Suite/ File: BMI088-MS5611.kicad_sch

Title: 10DOF-Sensor Suite

Size: A4	Date: 202	Date: 2021-10-11		
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