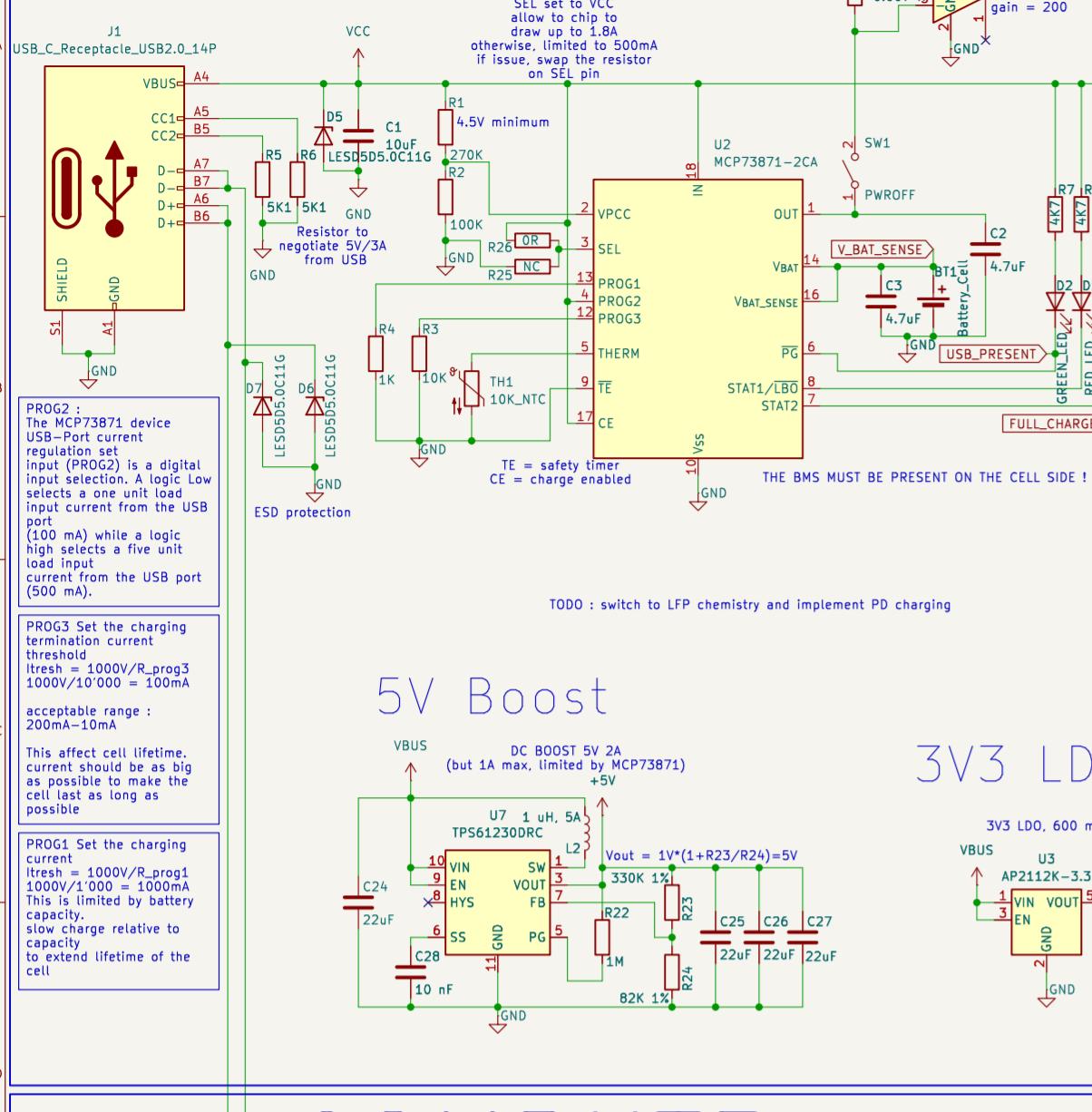


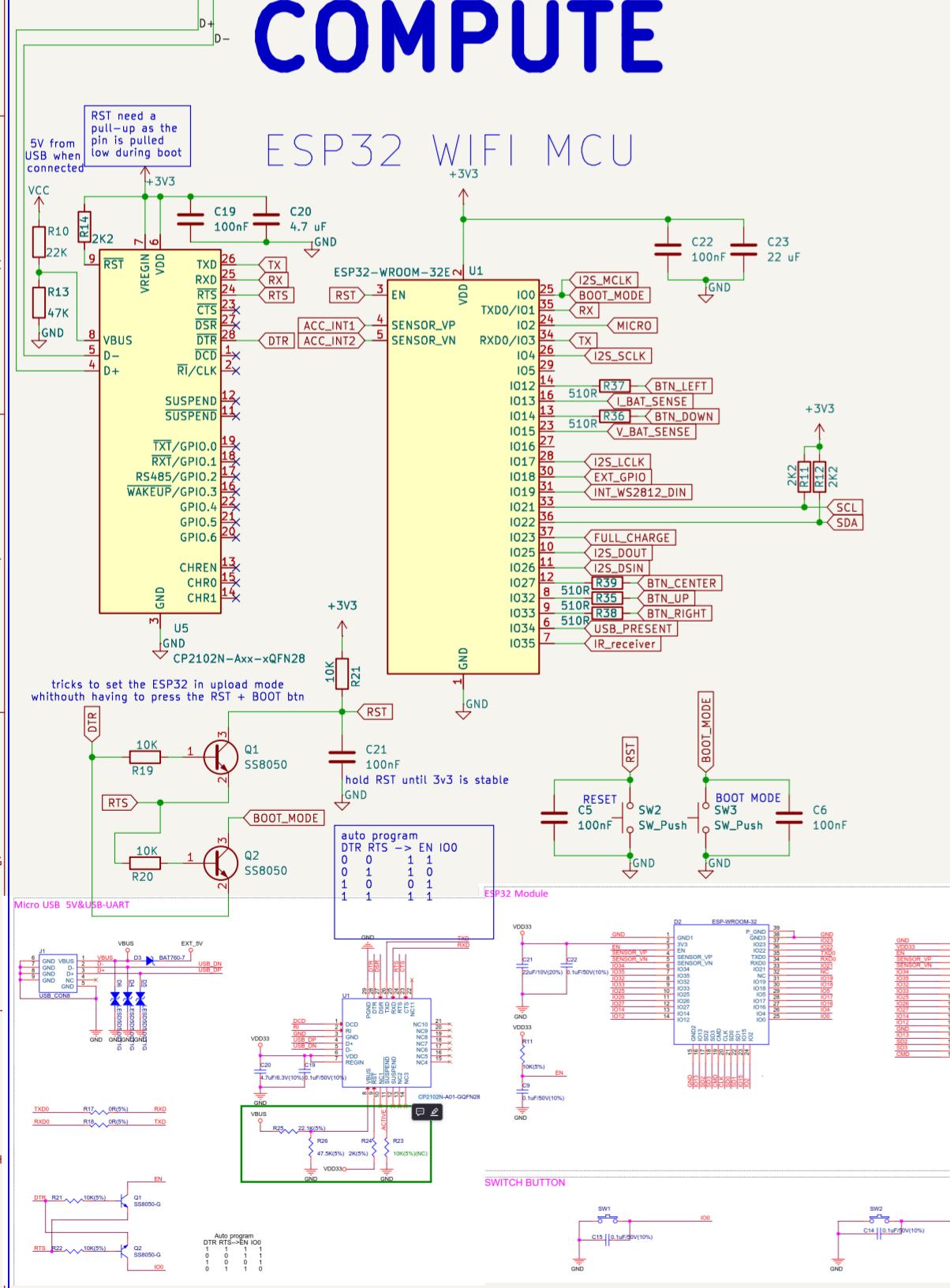
ENERGY

Bat + BMS + PowerPath



COMPUTE

ESP32 WIFI MCU



6 AXIS IMU

SENSORS

Microphone

Microphone

IR Remote Receiver

Capacitive Buttons

IR Proximity sensor

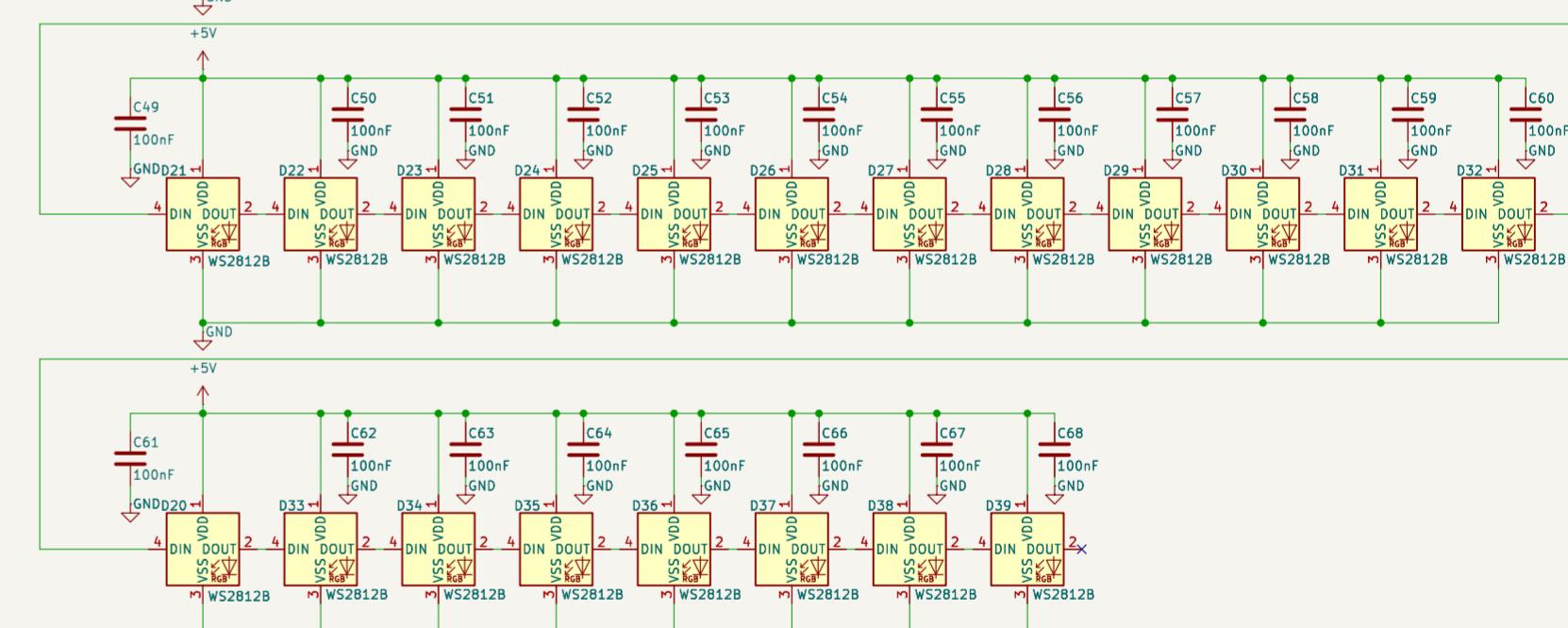
6 AXIS IMU

SENSORS

AUDIO SPEAKER

ACTUATOR

RGB LED



On the daughterboard

Color Sensor (over I2C)

pin to break out: Motors / H-bridge / servo / more LED GND

VBUS (1.8A max)

5V (1A max)

EXT_GPIO WS2812 10 / analog in

SCL

SDA

CHECK REGULATOR
CURRENT LIMIT NOTE

use

SX1509

PCA9685

they work over I2C
and can be paired
to an H bridge

Sheet: /
File: Stymull-motherboard.kicad_sch
Title:

Size: A2
Date: KICad E.D.A. 9.0.7
Rev: 1/1