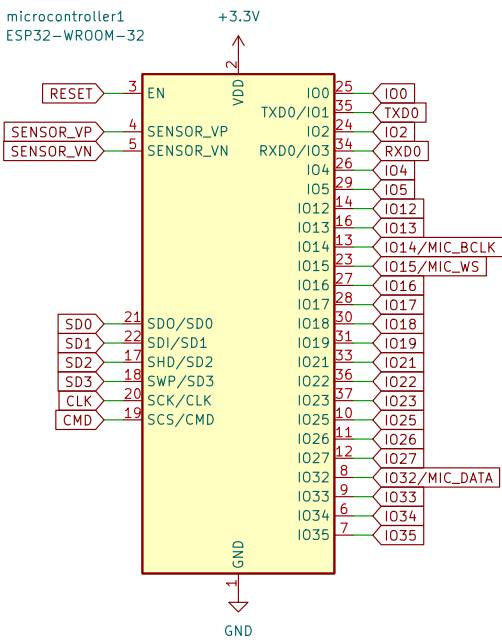
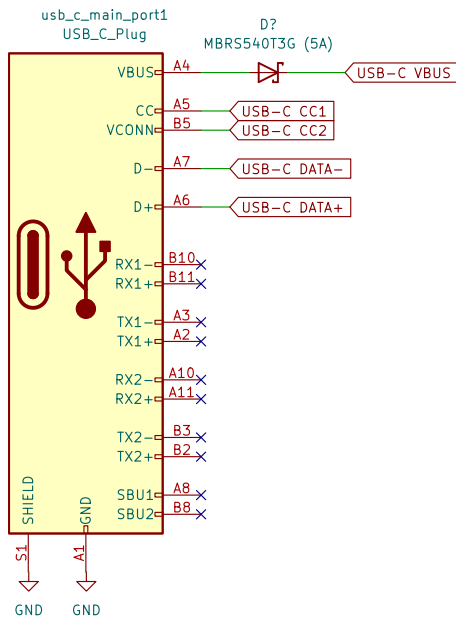


ESP32

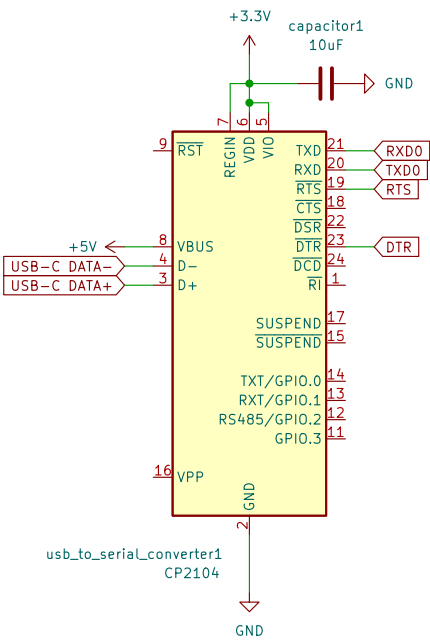
To Do: are pins correctly labeled?



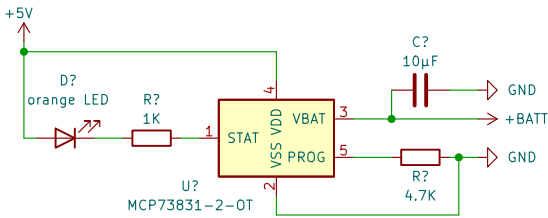
USB-C port



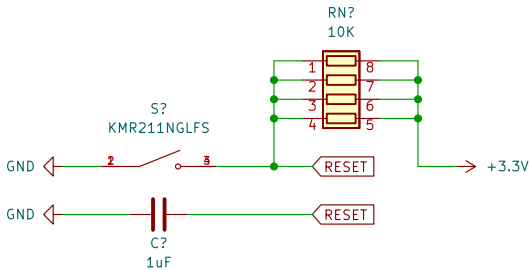
USB to serial



Lipo charging

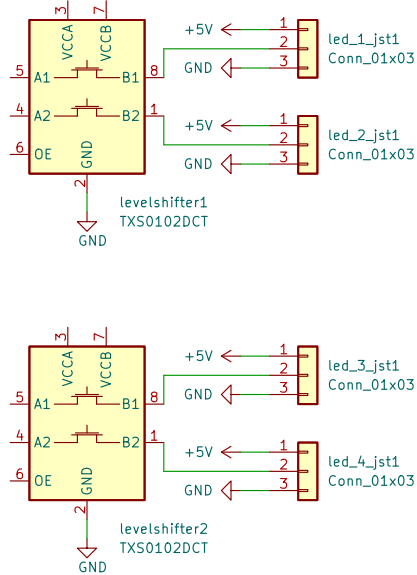


Reset



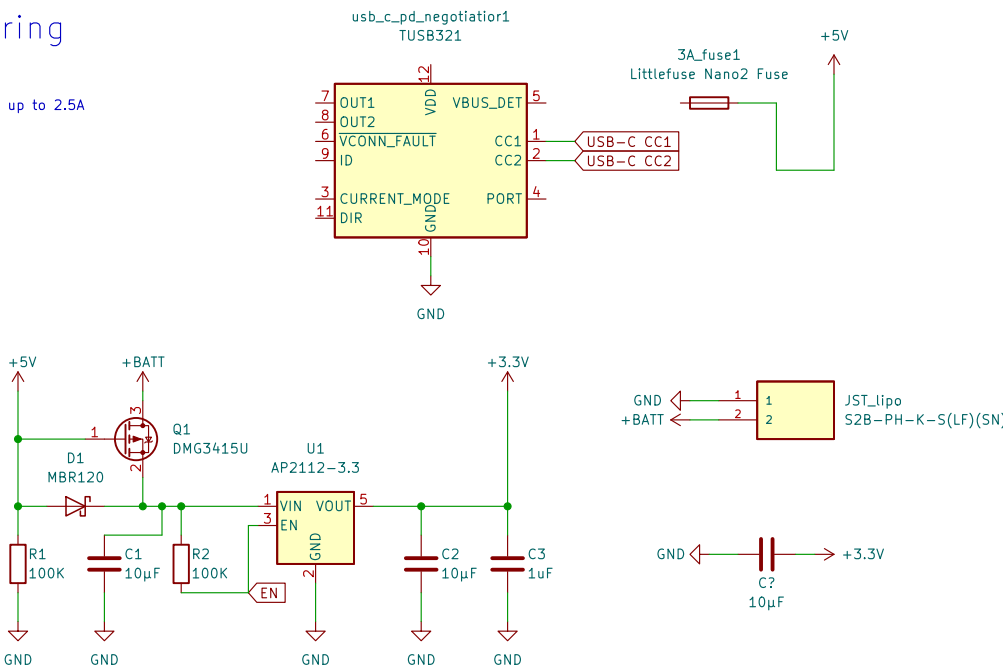
LED strip connectors

To Do: connect LED ports correctly
To Do: choose a connector for LED strips (JST SM or something else?)



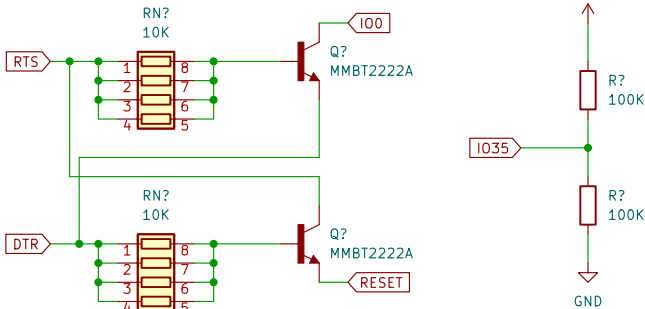
Power & filtering

To Do: get 5V from battery
To Do: get 5V from USB-C, at up to 2.5A
To Do: add power switch?



Autoreset

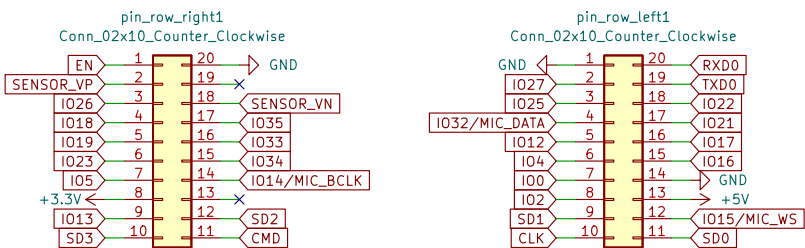
To Do: R in parallel or series?



LED

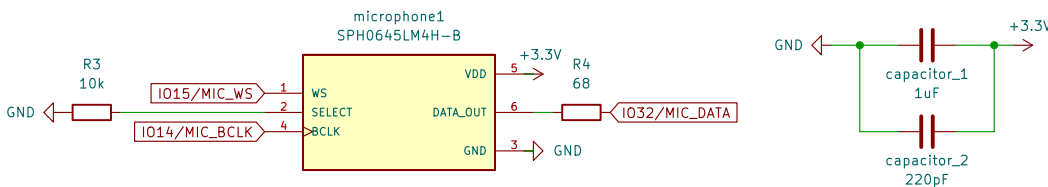


Pins



Microphone

To Do: make sure microphone is correctly connected to ESP32



Based on
Adafruit HUZZAH32 ESP32 Feather Board
+ Adafruit I2S MEMS Microphone Breakout - SPH0645LM4H

designed by glowingkitty

Sheet: /
File: GlowCore.kicad_sch

Title: GlowCore

Size: A3 Date: /
KiCad E.D.A. kicad (5.99.0-13123-g97e9348ee1)

Rev: /
Id: 1/1