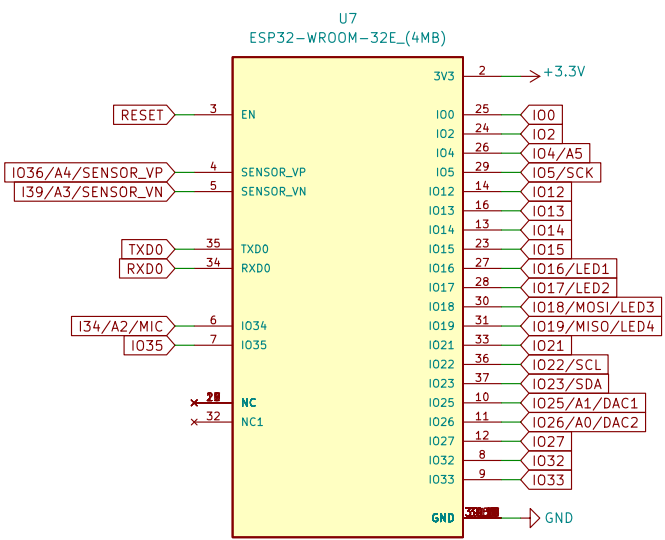
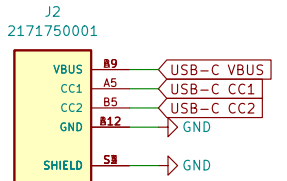


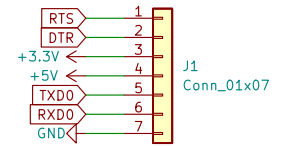
ESP32



USB-C port

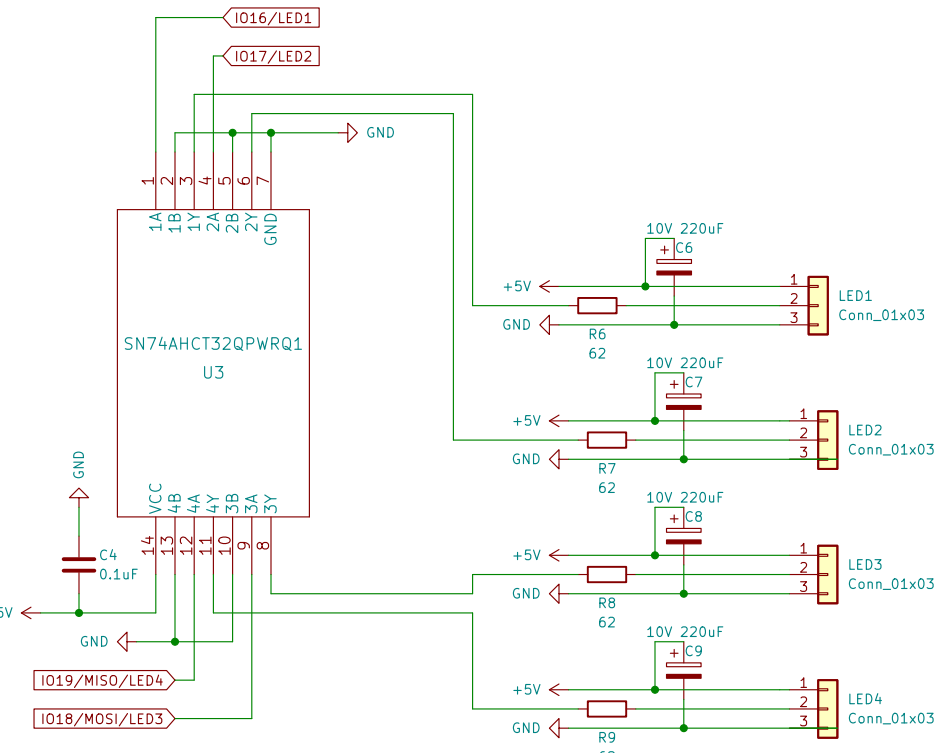


Serial connector

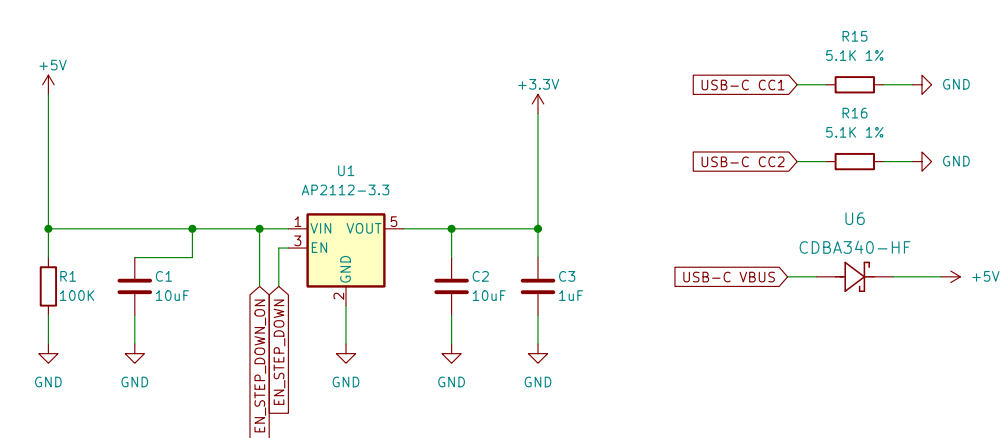


For uploading firmware via external board with CP2104 chip.

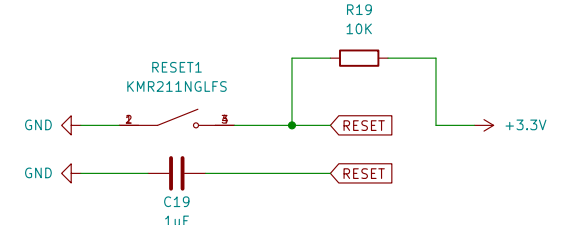
LED strip connectors



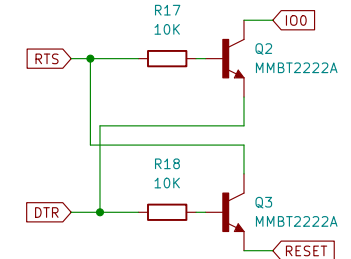
Power & filtering



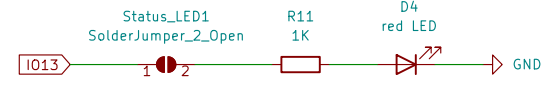
Reset



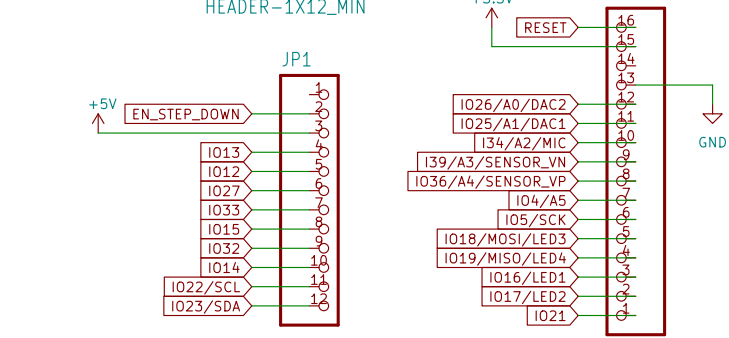
Autoreset



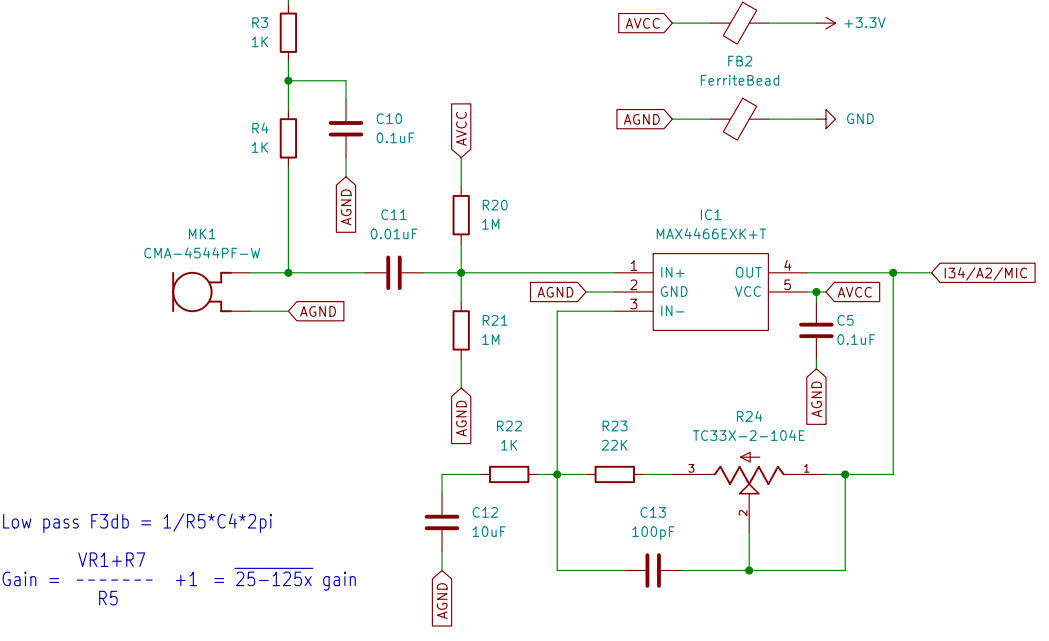
LED



Pins



Microphone



Low pass F3db = $1/R5 \cdot C4 \cdot 2\pi$
Gain = $\frac{VR1+R7}{R5} + 1 = 25-125 \times$ gain

Mounting holes



Based on
Adafruit HUZZAH32 ESP32 Feather Board
+ Adafruit MAX4466

designed by glowingkitty

Sheet: /
File: GlowCore.kicad_sch

Title: GlowCore

Size: A3	Date:	Rev:
KiCad E.D.A. kicad (6.0.0-0)		Id: 1/1