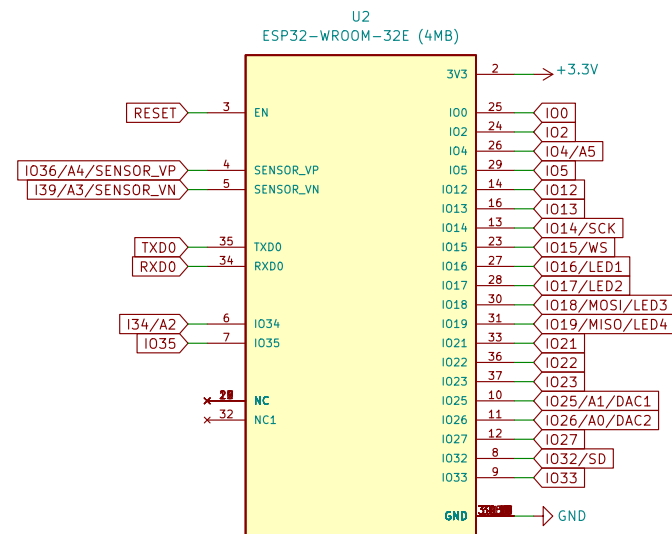
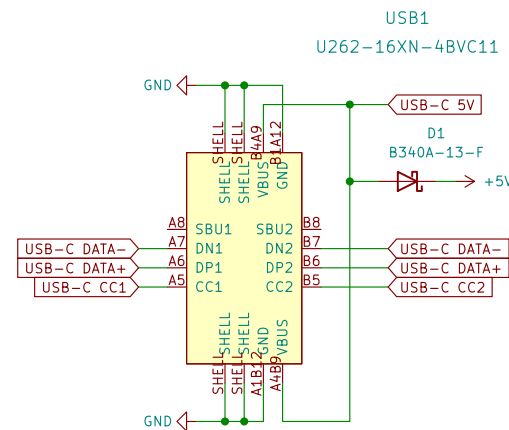


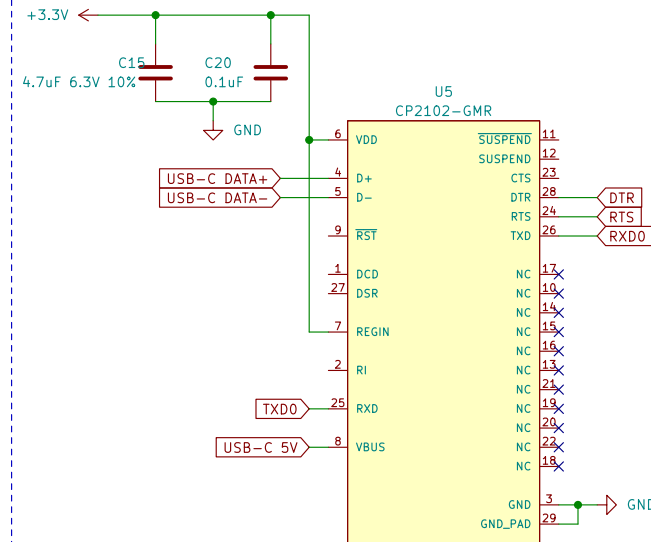
ESP32



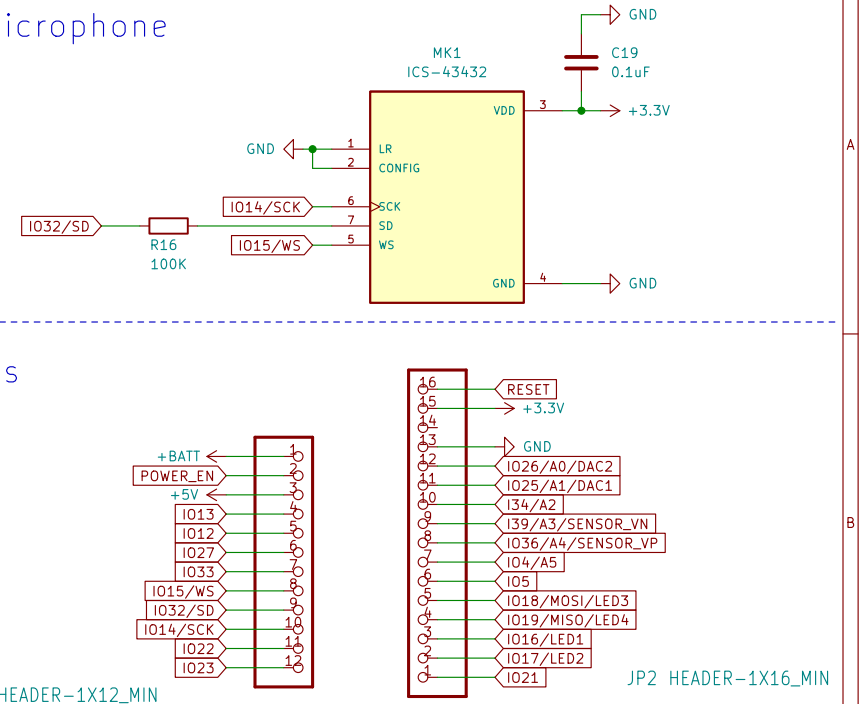
USB-C port



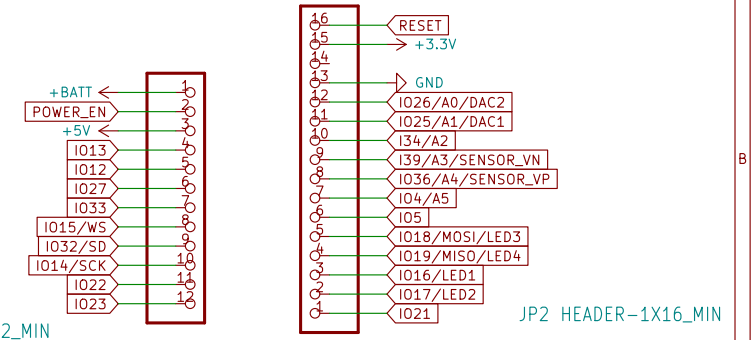
USB to serial



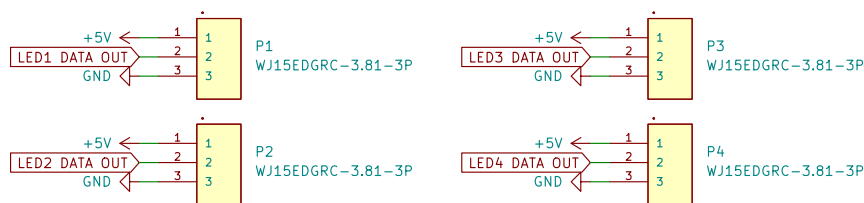
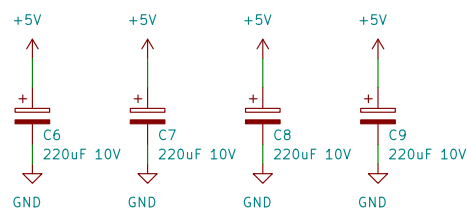
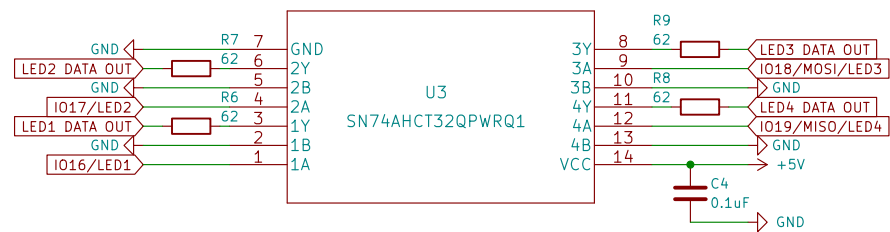
Microphone



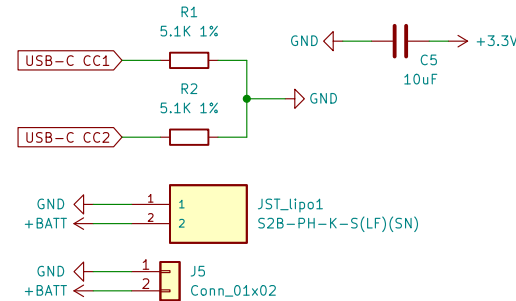
Pins



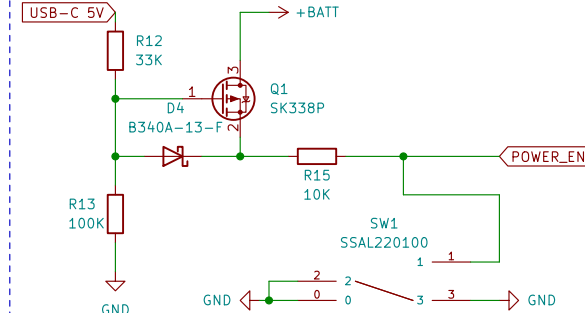
LED strip connectors



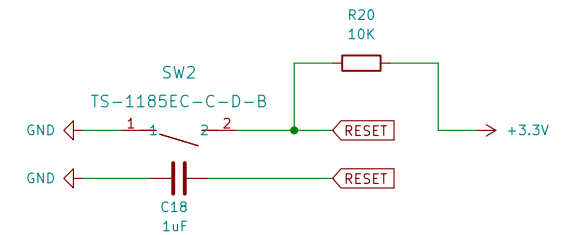
Power & filtering



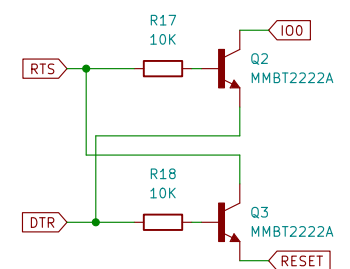
Power switch



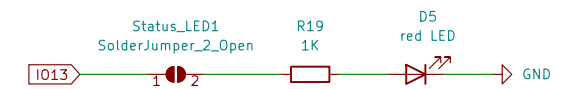
Reset



Autoreset



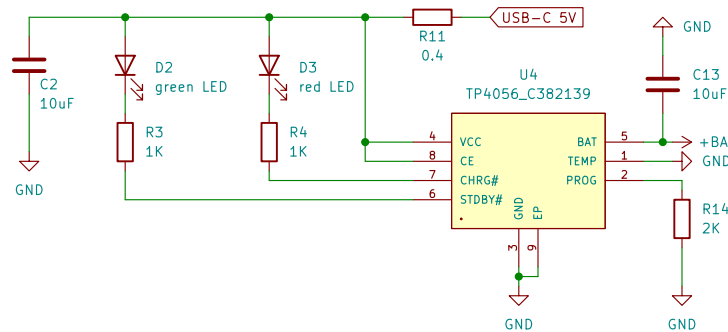
LED



Mounting holes

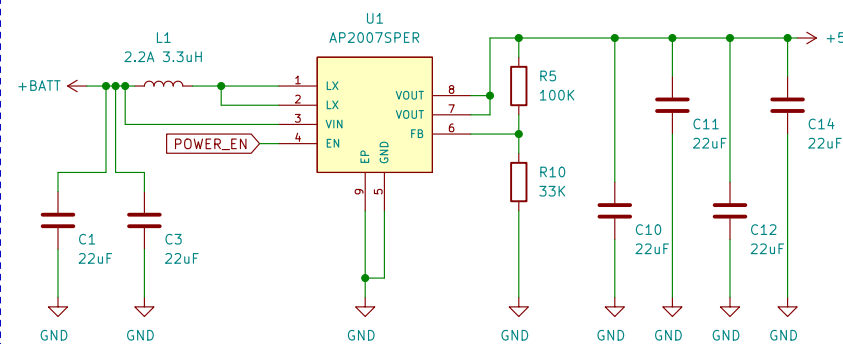


Lipo charging & protection

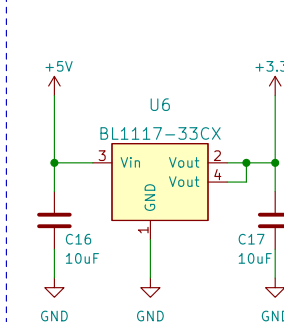


Programm charging speed with resistor:
 10K => 150 mA
 5K => 250mA
 4K => 300mA
 3K => 400mA
 2K => 500mA
 1.66K => 690mA
 1.5K => 780mA
 1.33K => 900mA
 1.2K => 1000mA

5V step up



3.3V step down



designed by glowingkitty

Sheet: /

File: GlowCore.kicad_sch

Title: GlowCore

Size: A3

KiCad E.D.A. kicad (6.0.0-0)

Date:

Id: 1/1

Rev: