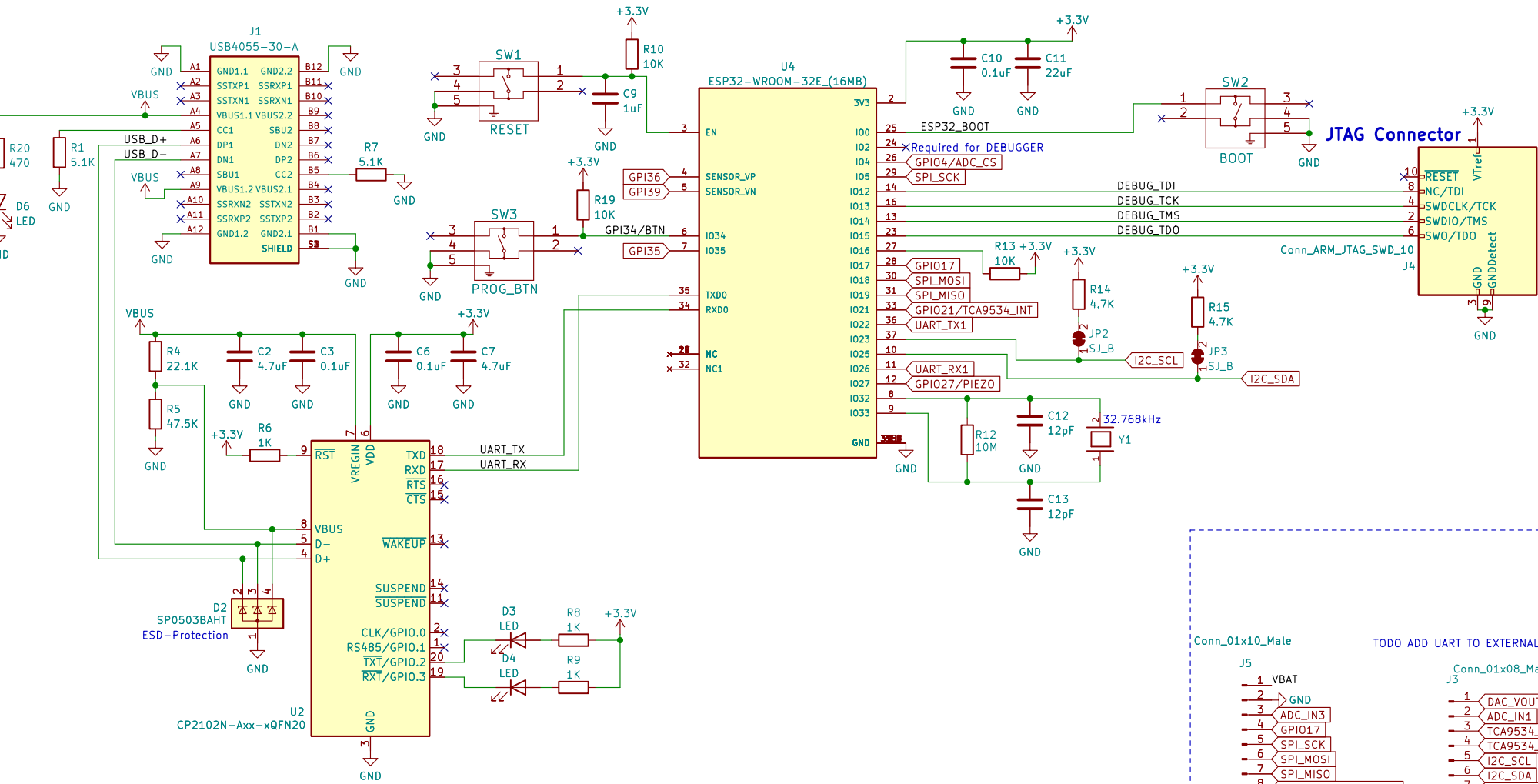
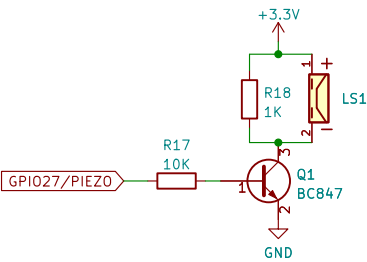


USB-C, USB to UART and ESP32



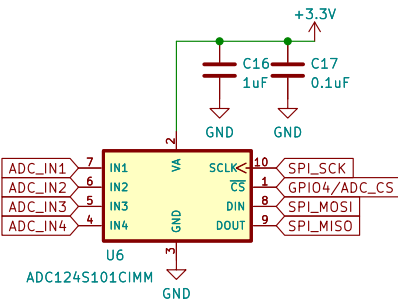
Piezo Buzzer

Upto 4 kHz (65 dB)  
Disable by cutting both jumpers



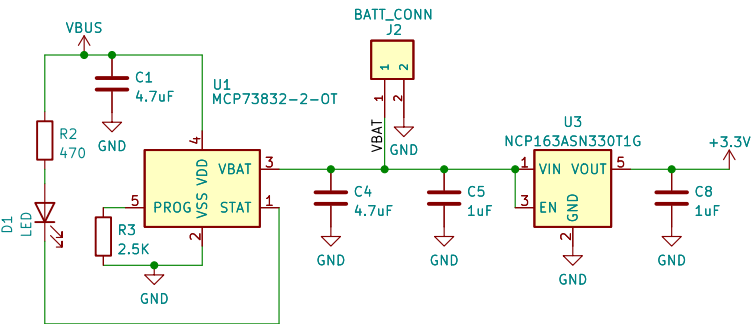
External ADC

SPI interface  
4-channels



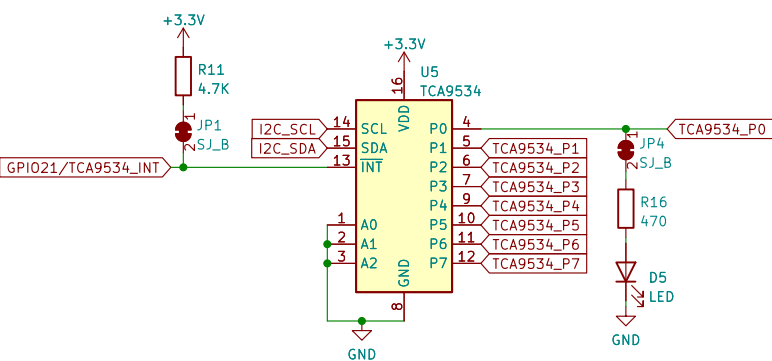
Battery Charger & 3.3V Regulator

Single cell LiPo  
Charge Current: 400 mA (Max 500 mA with 2K resistor on PROG)  
Float voltage: 4.2 V



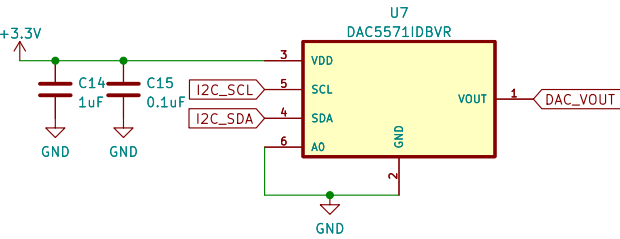
IO Expander

Address: 0x20



External DAC

8-Bit, Single channel  
Address: 0x7C



Author: Harvey Bates  
Licence: GNU General Public License v3.0  
HB Scientific  
Sheet: /  
File: esp32-clover.kicad\_sch

Title: ESP32 Clover Development Board

Size: A3  
Date: 2022-11-19  
KiCad E.D.A. kicad (6.0.7-1)-1

Rev: 1.0  
Id: 1/1