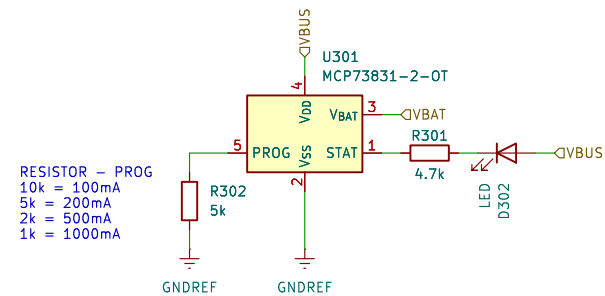
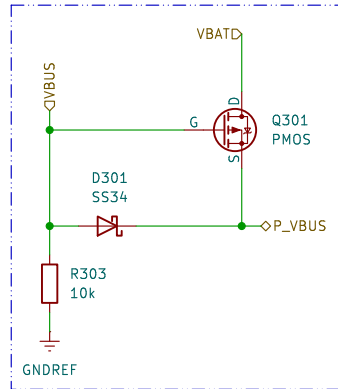


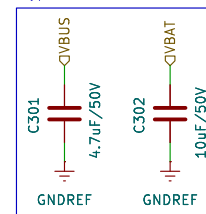


Protection,  
Despite Voltage Drop



RESISTOR - PROG  
10k = 100mA  
5k = 200mA  
2k = 500mA  
1k = 1000mA

Bypass CAP



Sheet: /Battery\_Charger/  
File: Battery\_Charger.kicad\_sch

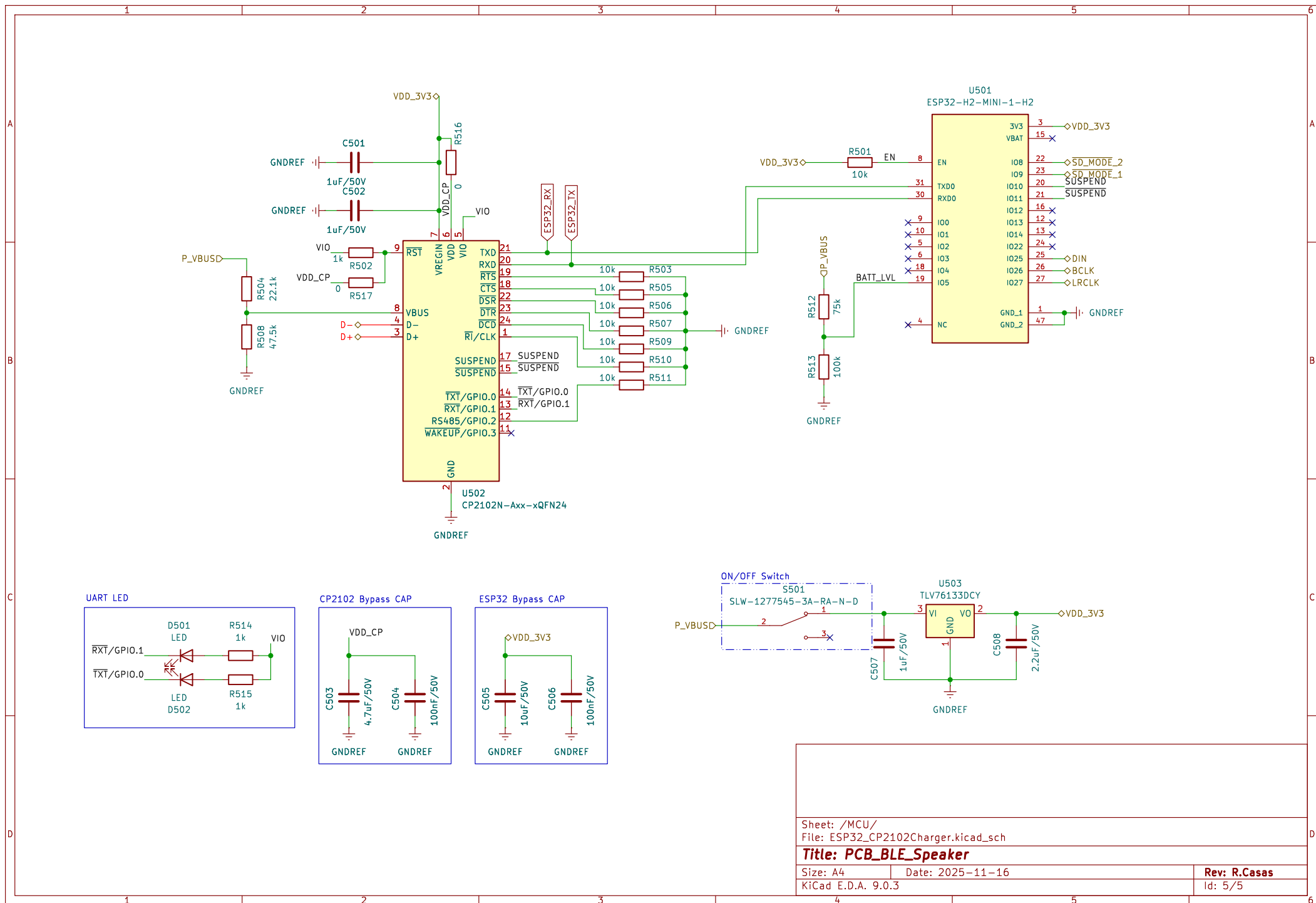
**Title: PCB\_BLE\_Speaker**

Size: A4 Date: 2025-11-16

KiCad E.D.A. 9.0.3

Rev: R.Casas

Id: 3/5



Sheet: /MCU/  
File: ESP32\_CP2102Charger.kicad\_sch

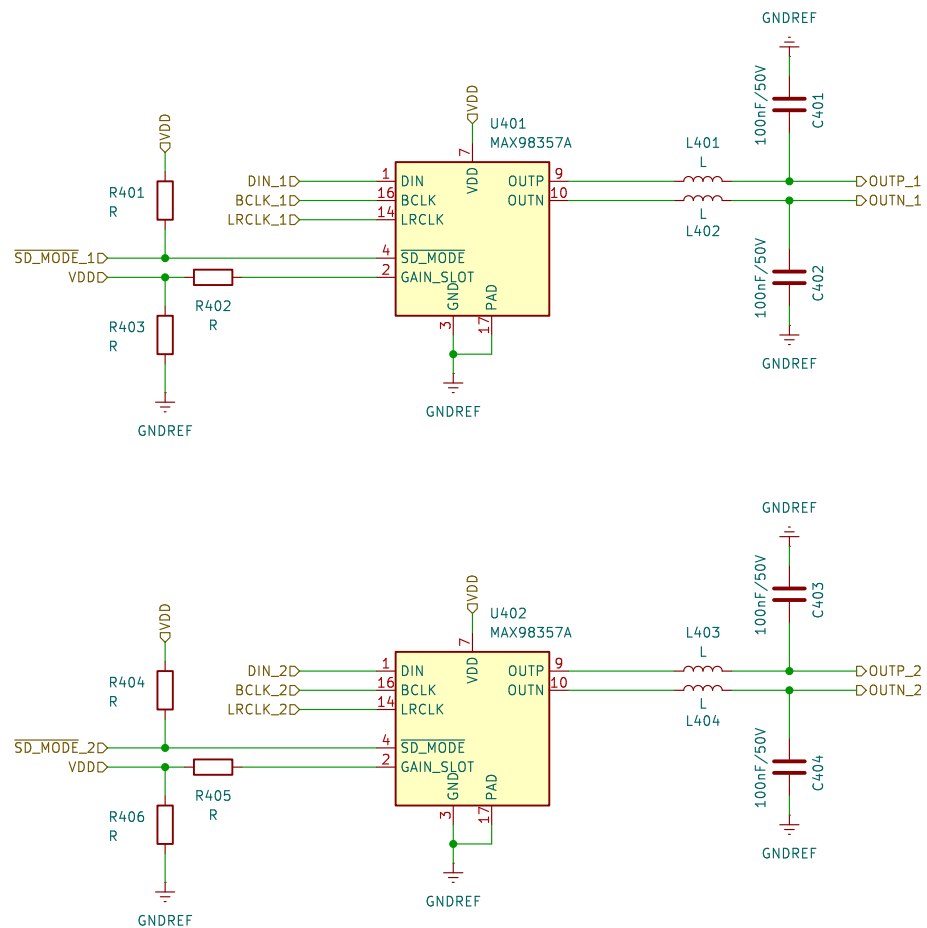
**Title: PCB\_BLE\_Speaker**

Size: A4 Date: 2025-11-16

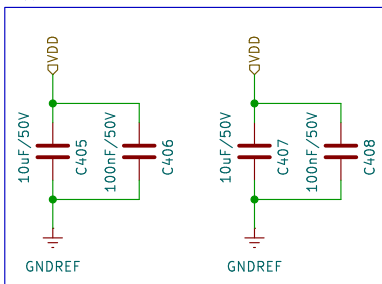
KiCad E.D.A. 9.0.3

Rev: R.Casas

Id: 5/5



Bypass CAP



Sheet: /Speaker\_Driver/  
File: Speaker\_Driver\_3W\_80hm.kicad\_sch

**Title: PCB\_BLE\_Speaker**

Size: A4 Date: 2025-11-16

KiCad E.D.A. 9.0.3

**Rev: R.Casas**

Id: 4/5