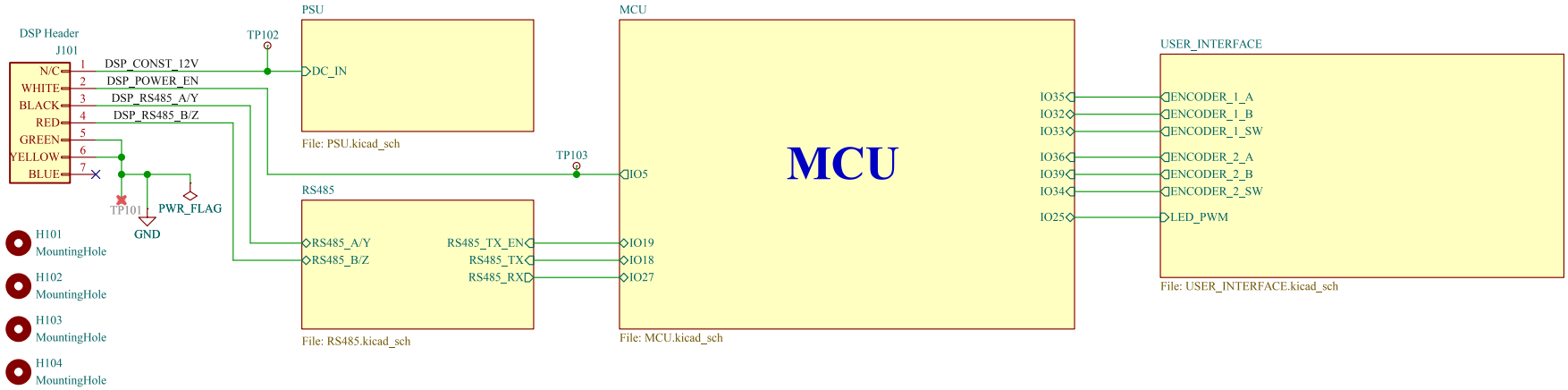



**REVISION HISTORY:**

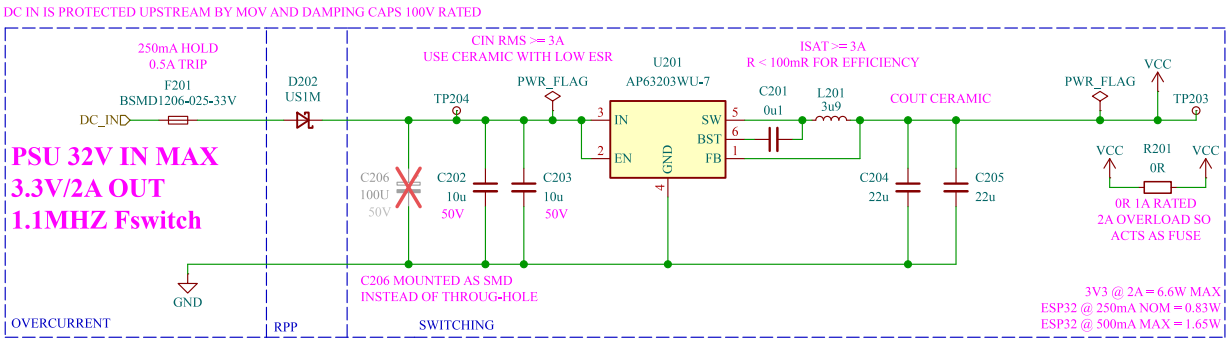
**A: Initial design**
**B: Changed RS485 RX connection to ESP32 from GPIO21 to GPIO27 (RTC IO)**
**Removed solder bridge pads to control RS485_RX_EN. Confirmed working as intended**
**Overhaul PCB outline and layout**

**JS HW**

Sheet: /
File: CDRC.kicad_sch

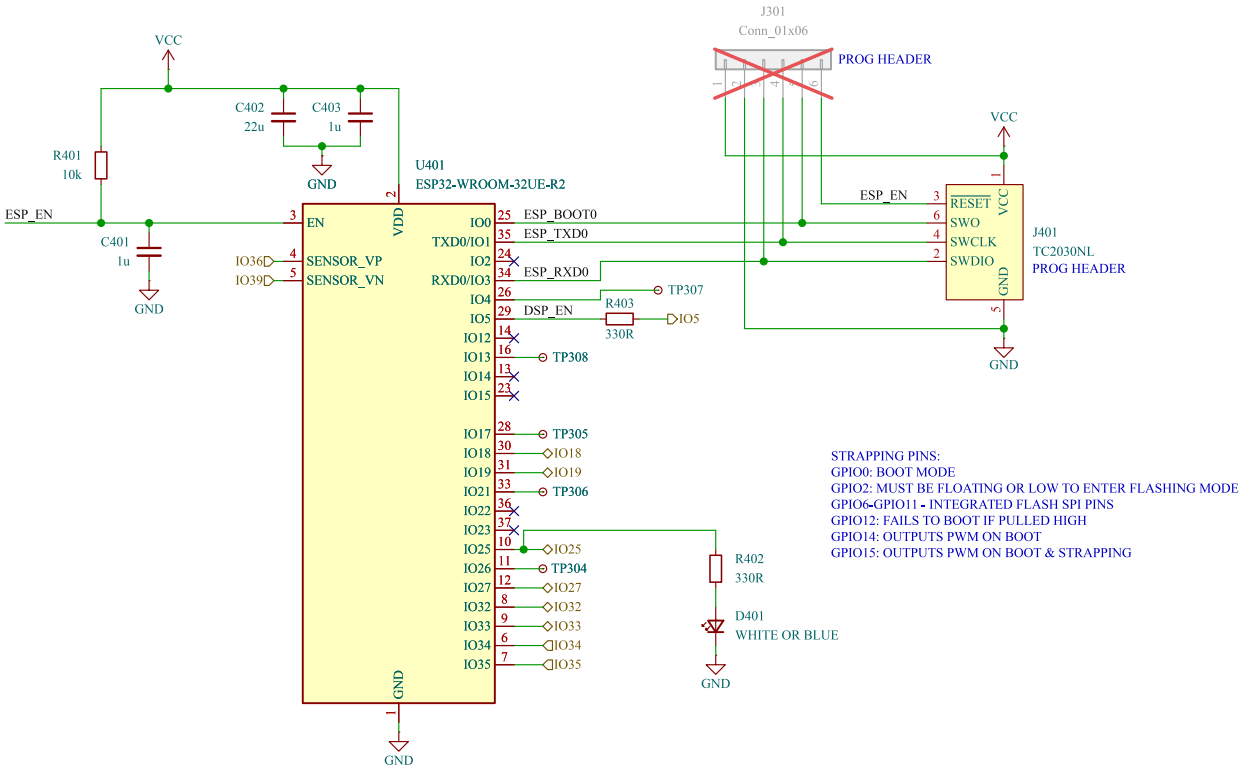
***Title: CDRC - Custom DRC for Bit 10D***

| Size: A4 | Date: 01-11-2024 | **Rev: B** |
|---|---|---|
| KiCad E.D.A. 8.0.4 | | Id: 1/5 |

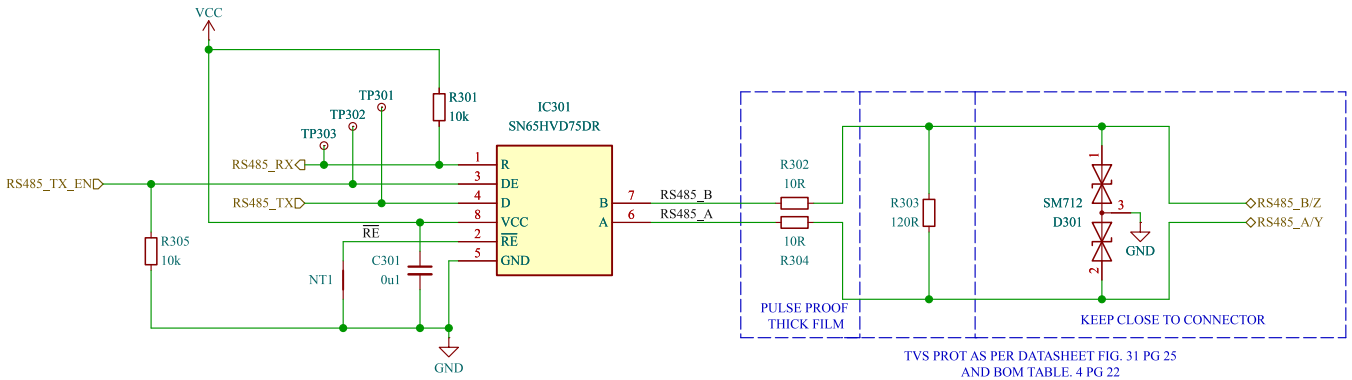



| | | |
|---|---|---|
| **JS HW** | | |
| Sheet: /PSU/<br>File: PSU.kicad_sch | | |
| ***Title: CDRC - Custom DRC for Bit 10D*** | | |
| Size: A4 | Date: 01-11-2024 | **Rev: B** |
| KiCad E.D.A. 8.0.4 | | Id: 2/5 |

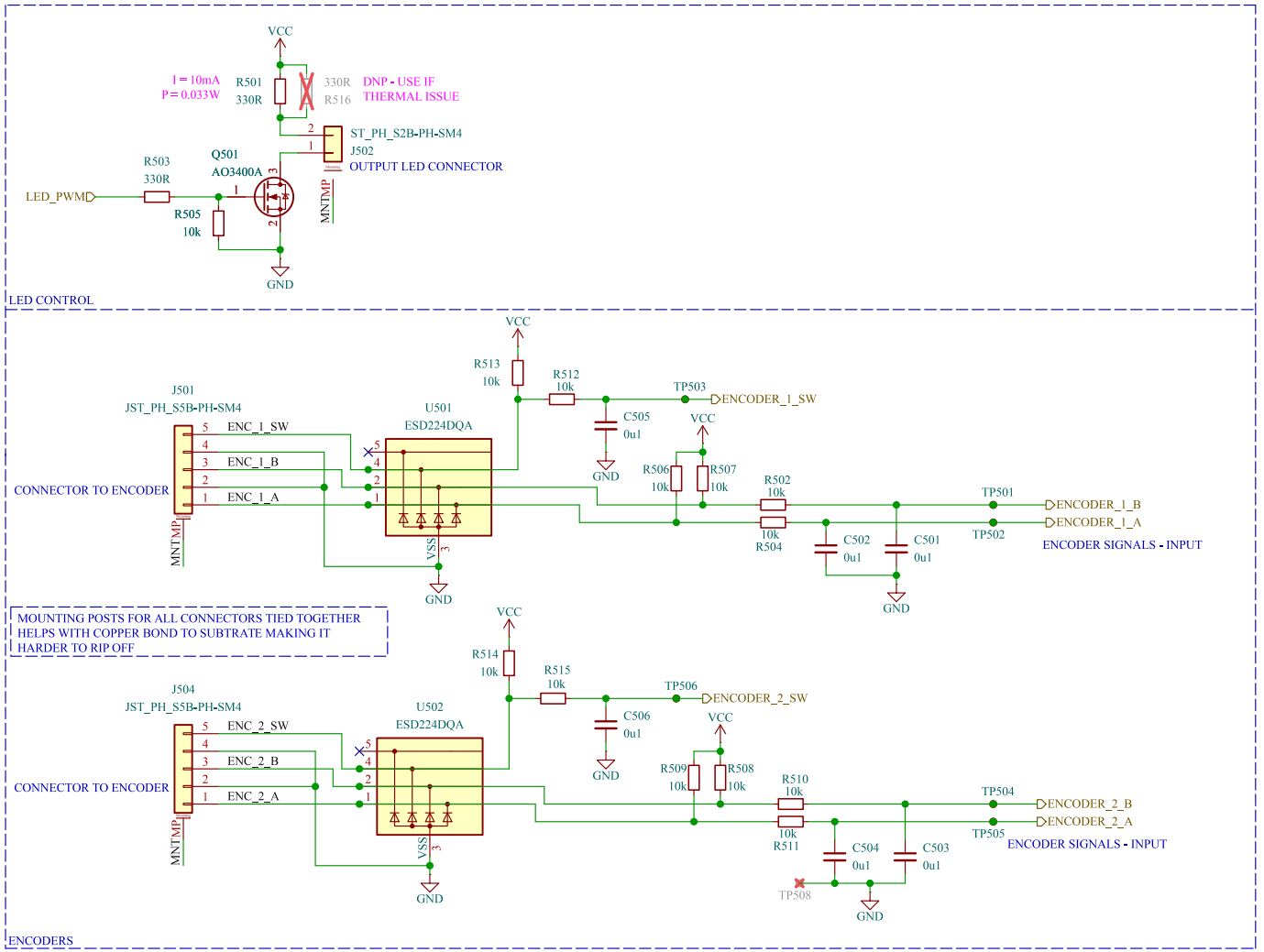
# MCU: ESP32-WROOM-32UE-R2

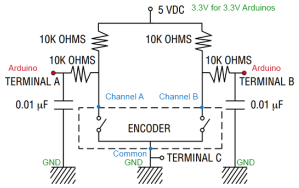



| | | |
|---|---|---|
| **JS HW** | | |
| Sheet: /MCU/ | | |
| File: MCU.kicad_sch | | |
| ***Title: CDRC - Custom DRC for Bit 10D*** | | |
| Size: A4 | Date: 01-11-2024 | **Rev: B** |
| KiCad E.D.A. 8.0.4 | | Id: 3/5 |




| | | |
|---|---|---|
| **JS HW** | | |
| Sheet: /RS485/<br>File: RS485.kicad_sch | | |
| ***Title: CDRC - Custom DRC for Bit 10D*** | | |
| Size: A4 | Date: 01-11-2024 | **Rev: B** |
| KiCad E.D.A. 8.0.4 | | Id: 4/5 |




**JS HW**

Sheet: /USER_INTERFACE/
File: USER_INTERFACE.kicad_sch

***Title: CDRC - Custom DRC for Bit 10D***

| Size: A4 | Date: 01-11-2024 | **Rev: B** |
|---|---|---|
| KiCad E.D.A. 8.0.4 | | Id: 5/5 |