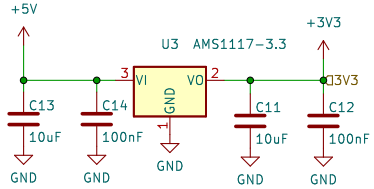
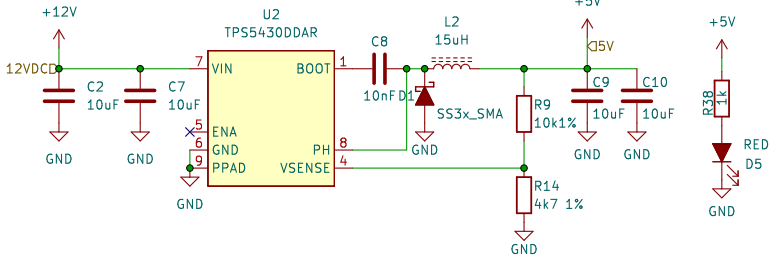
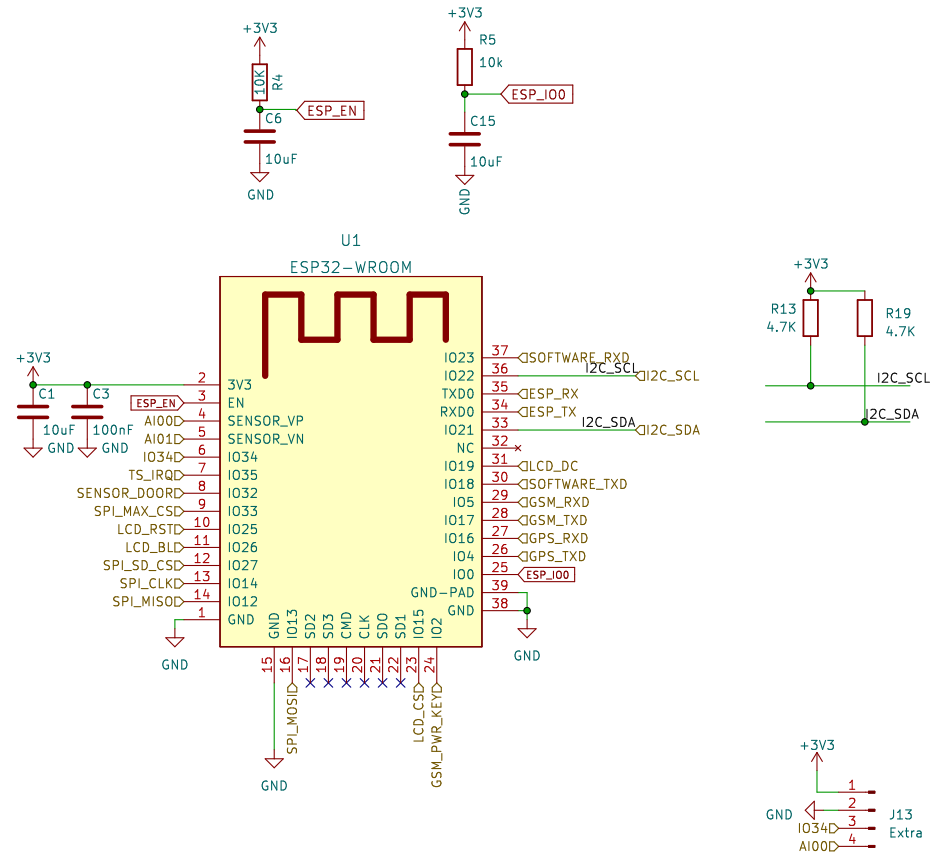
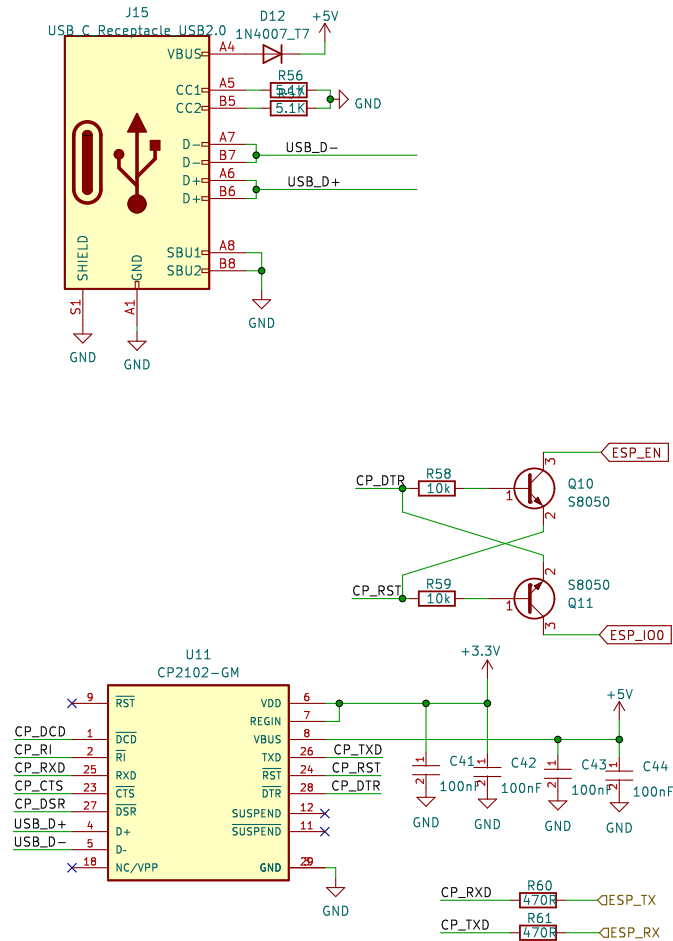


POWER

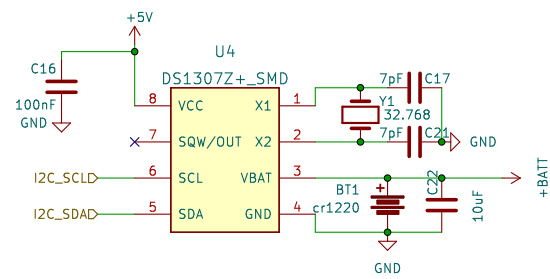


ESP32-WROOM

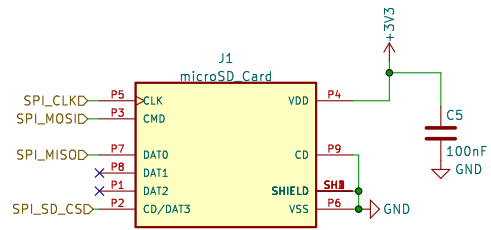
USB-C



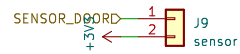
RTC



SDCARD

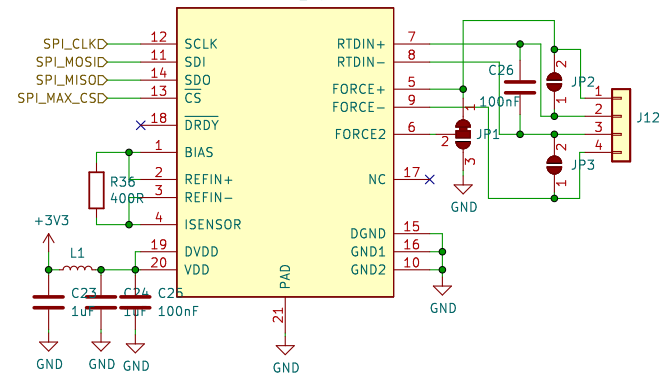


Sensor door



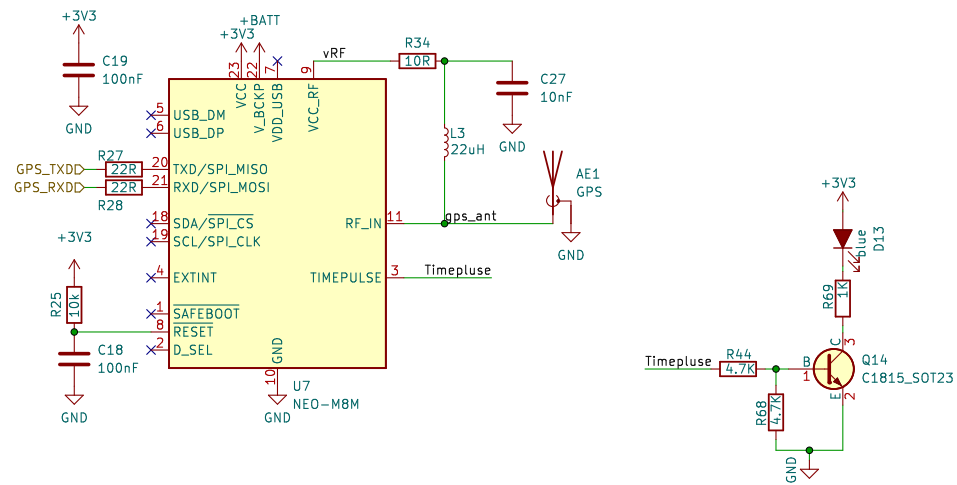
PT100/PT1000

```
U6      C23 = 100nF for 100 ohm RTD, 10nF for 1K
MAX31865_TQFN
```

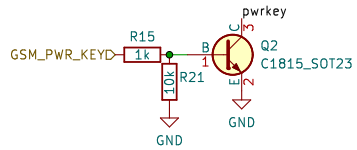
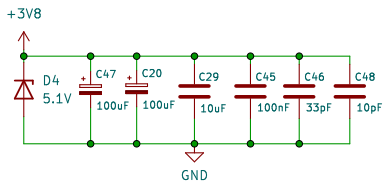
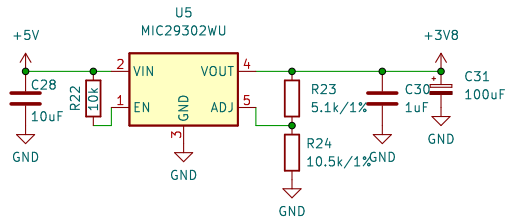


JP1 to GND for 2/4-wire, to FORCE+ for 3-wire
JP3 to closed on 2/3-wire setup, open for 4-wire
JP2 to closed on 2-wire
 $R3 = 4 \times$ resistance at 0°C (so 400R for a 100 Ohm RTD).
Use high quality 1% or better resistor

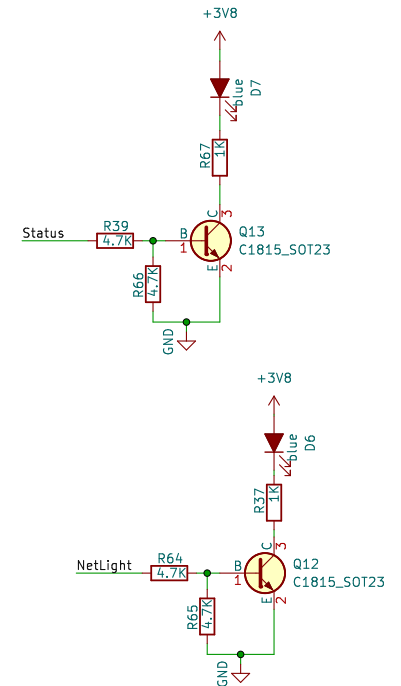
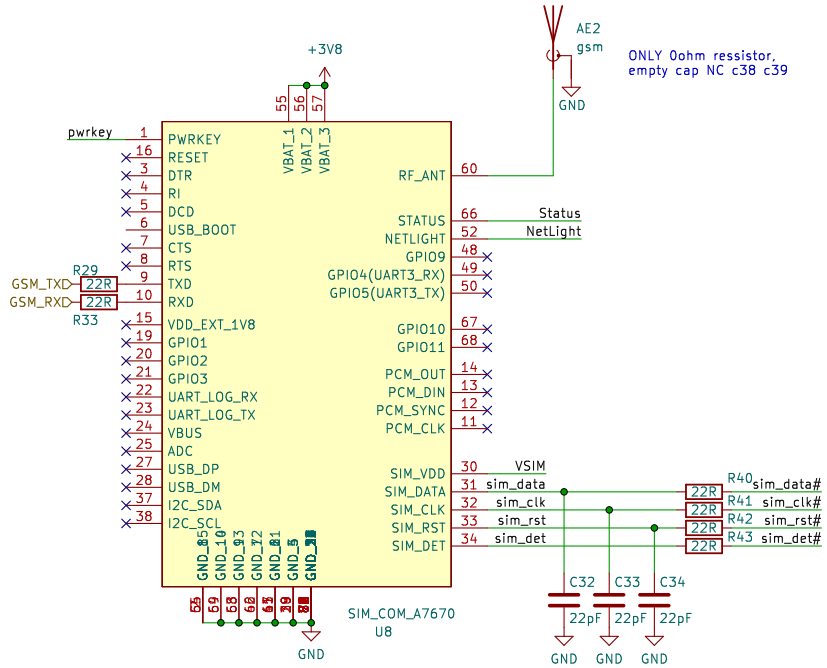
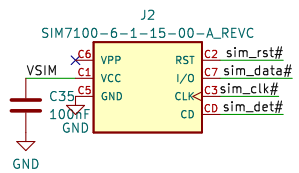
GPS



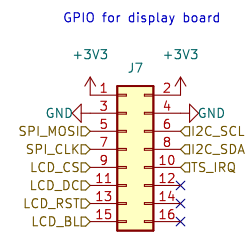
GSM Block



Nano SIM



HEADER connector



MODBUS RTU

