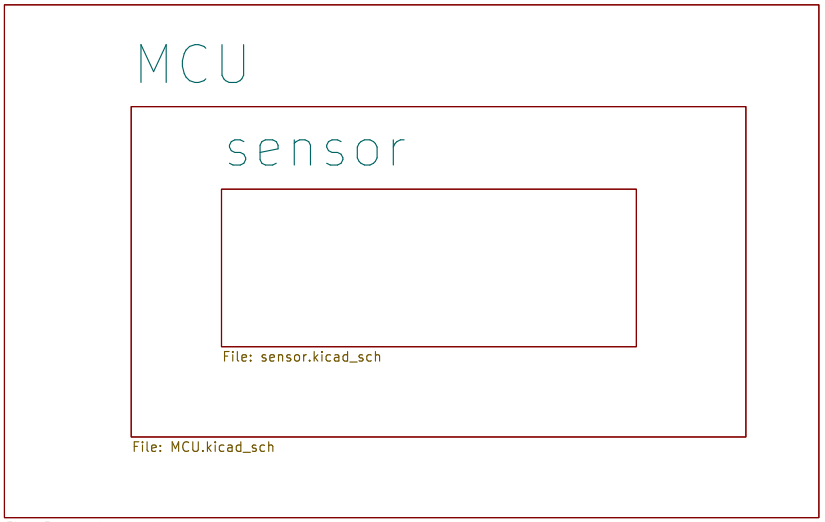
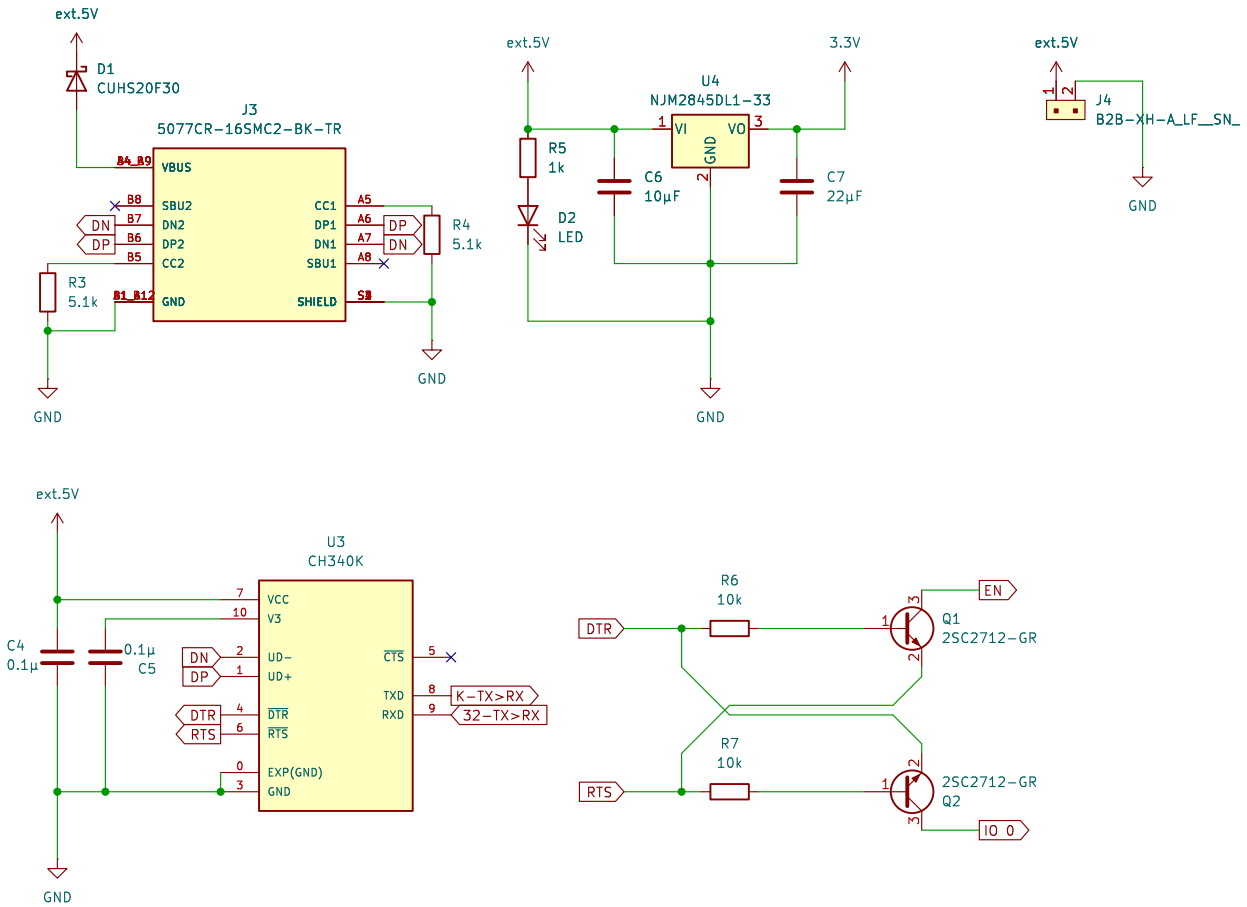
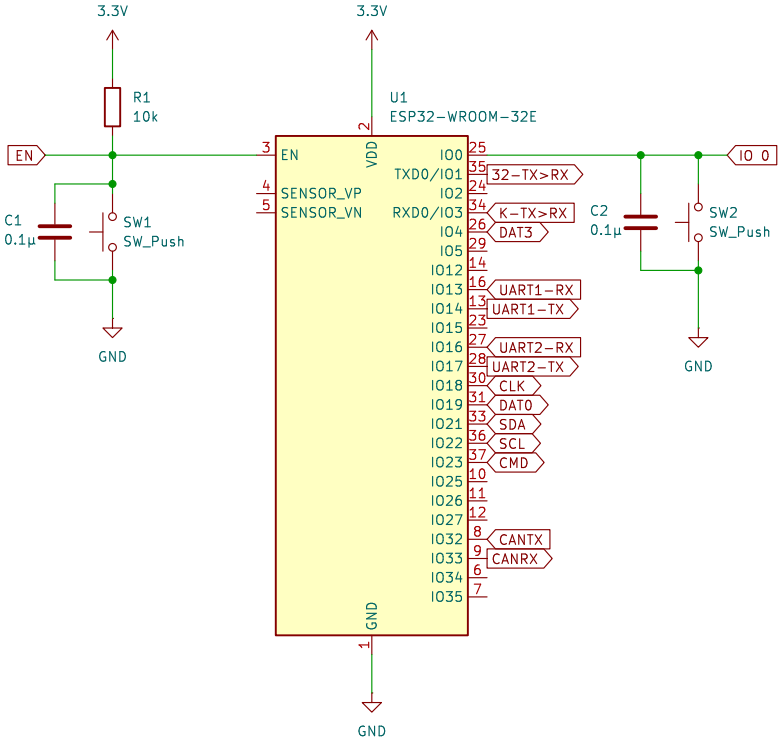
Power



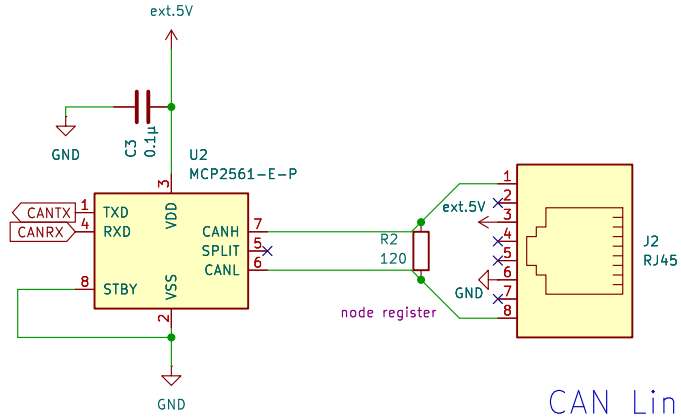
File: Power.kicad_sch


ext.5V
D1
CUHS20F30
J3
5077CR-16SMC2-BK-TR
VBUS
SBU2
DN2
DP2
CC2
GND
SHIELD
CC1
DP1
DN1
SBU1
DN
DP
R3
5.1k
R4
5.1k
GND
ext.5V
3.3V
U4
NJM2845DL1-33
VI
VO
GND
R5
1k
D2
LED
C6
10µF
C7
22µF
GND
ext.5V
J4
B2B-XH-A_LF__SN_
GND
ext.5V
U3
CH340K
VCC
V3
UD-
UD+
DTR
RTS
EXP(GND)
GND
CTS
TXD
RXD
C4
0.1µ
0.1µ
C5
K-TX>RX
32-TX>RX
R6
10k
R7
10k
Q1
2SC2712-GR
Q2
2SC2712-GR
EN
IO 0
GND

ESP32

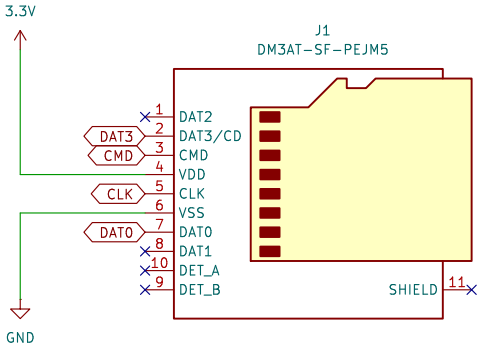


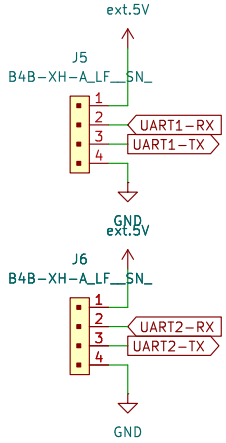
CAN BUS



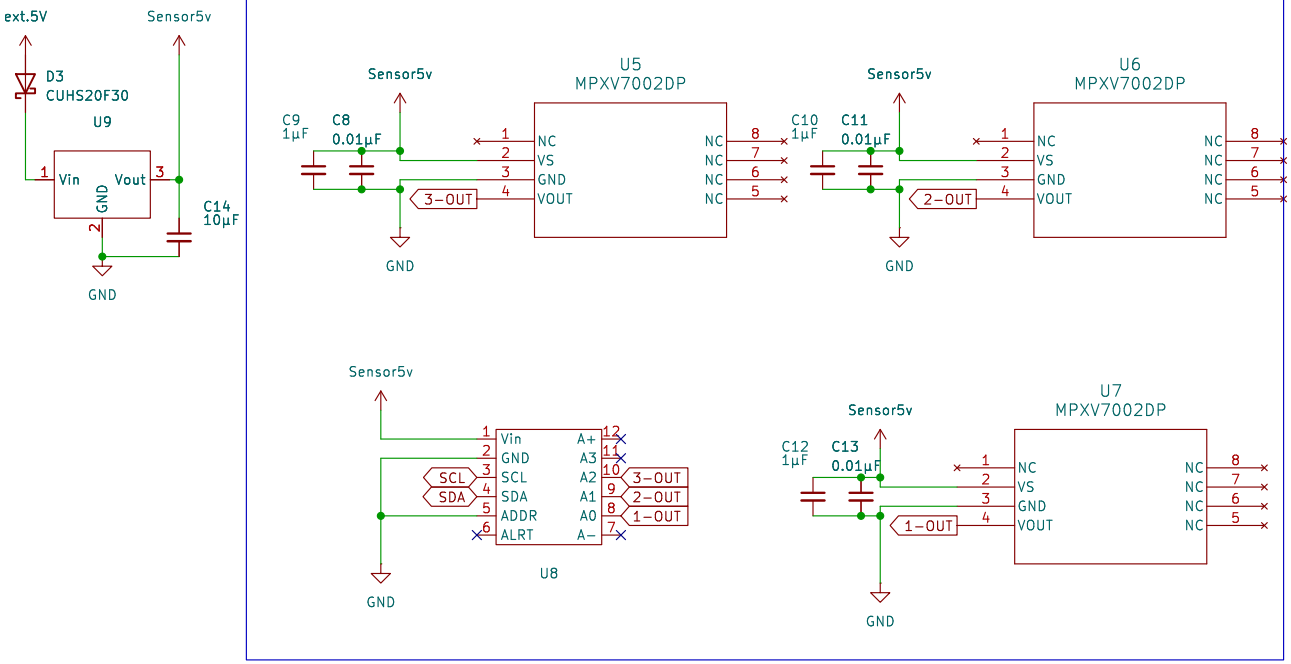
CAN Line Pair
CTX: IO 32
CRX: IO 33

SD card

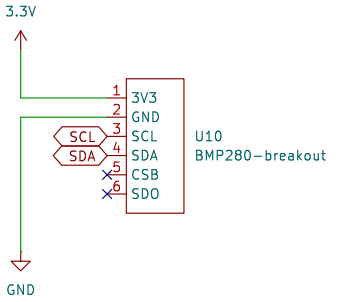




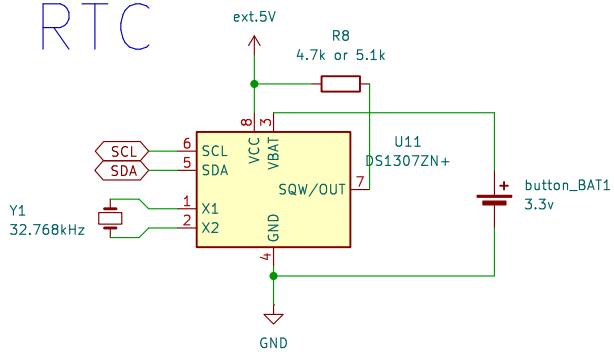
Pitot tube



Temp Hum Prss



RTC



I2C addr

ADS1115 breakout:default 0x48

DHT20:0x38