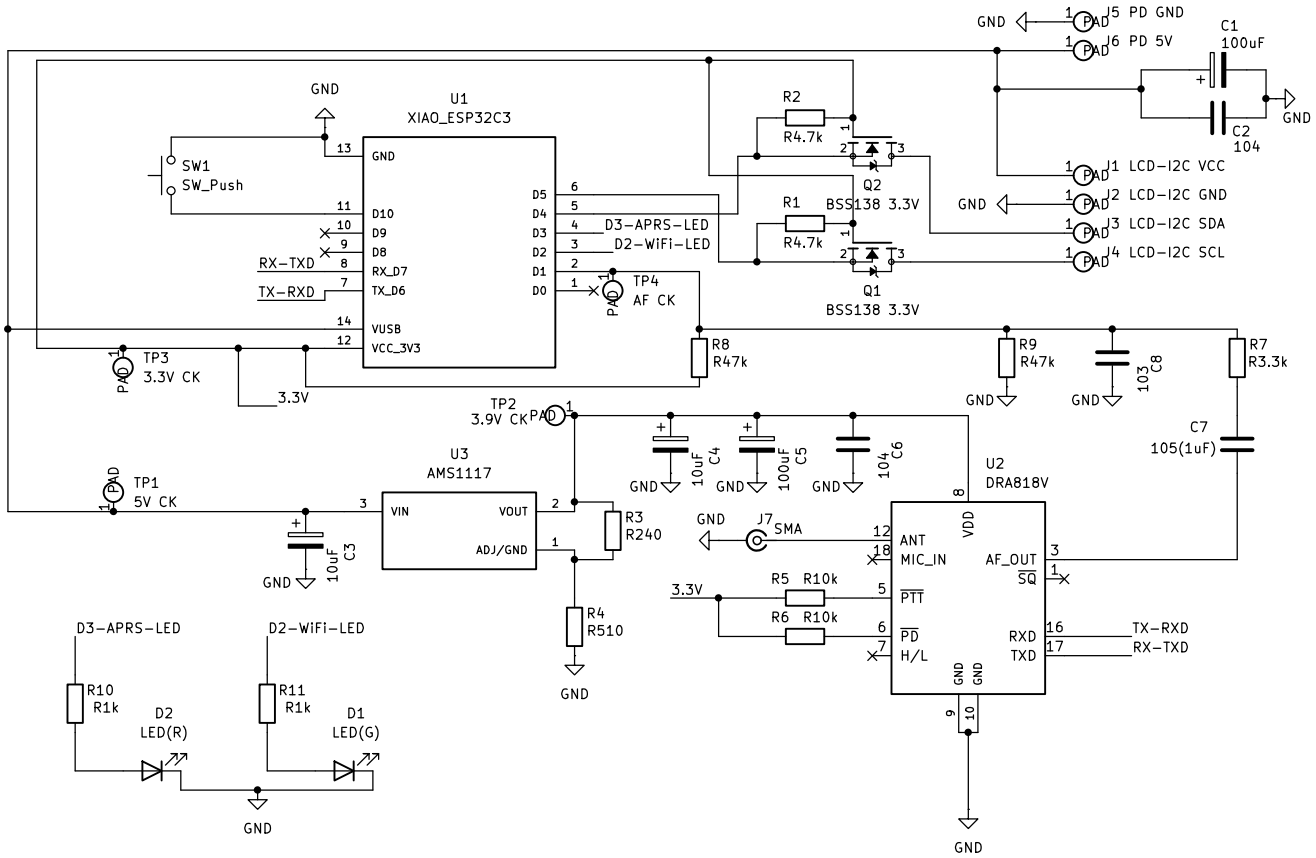

GND
U1
XIAO_ESP32C3
SW1
SW_Push
GND
D10
D9
D8
RX_D7
TX_D6
VUSB
VCC_3V3
D5
D4
D3
D2
D1
D0
RX-TXD
TX-RXD
D3-APRS-LED
D2-WiFi-LED
TP4
AF CK
TP3
3.3V CK
3.3V
R2
R4.7k
R1
R4.7k
Q2
BSS138 3.3V
Q1
BSS138 3.3V
J5 PD GND
J6 PD 5V
J1 LCD-I2C VCC
J2 LCD-I2C GND
J3 LCD-I2C SDA
J4 LCD-I2C SCL
C1
100uF
C2
104
R8
R47k
R9
R47k
C8
103
R7
R3.3k
C7
105(1uF)
TP2
3.9V CK
TP1
5V CK
U3
AMS1117
VIN
VOUT
ADJ/GND
C3
10uF
C4
10uF
C5
100uF
C6
104
R3
R240
R4
R510
U2
DRA818V
J7
SMA
ANT
MIC_IN
VDD
AF_OUT
SQ
PTT
PD
H/L
RXD
TXD
R5
R10k
R6
R10k
TX-RXD
RX-TXD
D3-APRS-LED
D2-WiFi-LED
R10
R1k
R11
R1k
D2
LED(R)
D1
LED(G)