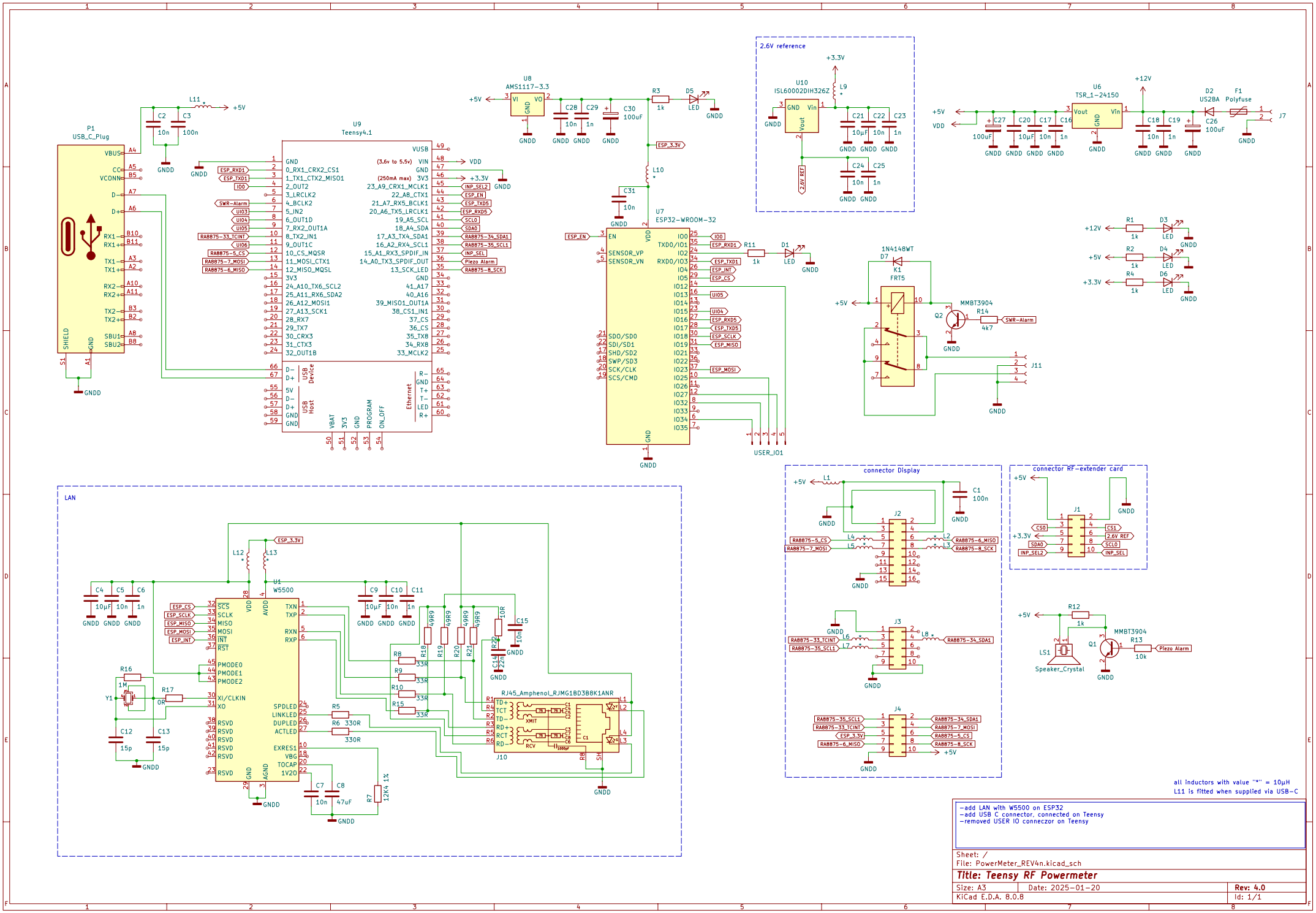
P1
USB_C_Plug
U9
Teensy4.1
U8
AMS1117-3.3
U7
ESP32-WROOM-32
2.6V reference
U10
ISL60002DIH3Z6Z
U6
TSR_1-24150
D2
US2BA
F1
Polyfuse
J7
D7
1N4148WT
K1
FRT5
Q2
MMBT3904
J11
USER_IO1
connector Display
J1
J2
J3
J4
connector RF-extender card
LS1
Speaker_Crystal
Q1
MMBT3904
Plezo Alarm
LAN
U1
W5500
RJ45_Amphenol_RJMG1BD3B8K1ANR
J10
all inductors with value "*" = 10µH
L11 is fitted when supplied via USB-C
-add LAN with W5500 on ESP32
-add USB C connector, connected on Teensy
-removed USER IO conneczor on Teensy
Sheet: /
File: PowerMeter_REV4n.kicad_sch
Title: Teensy RF Powermeter
Size: A3
Date: 2025-01-20
Rev: 4.0
KiCad E.D.A. 8.0.8
Id: 1/1