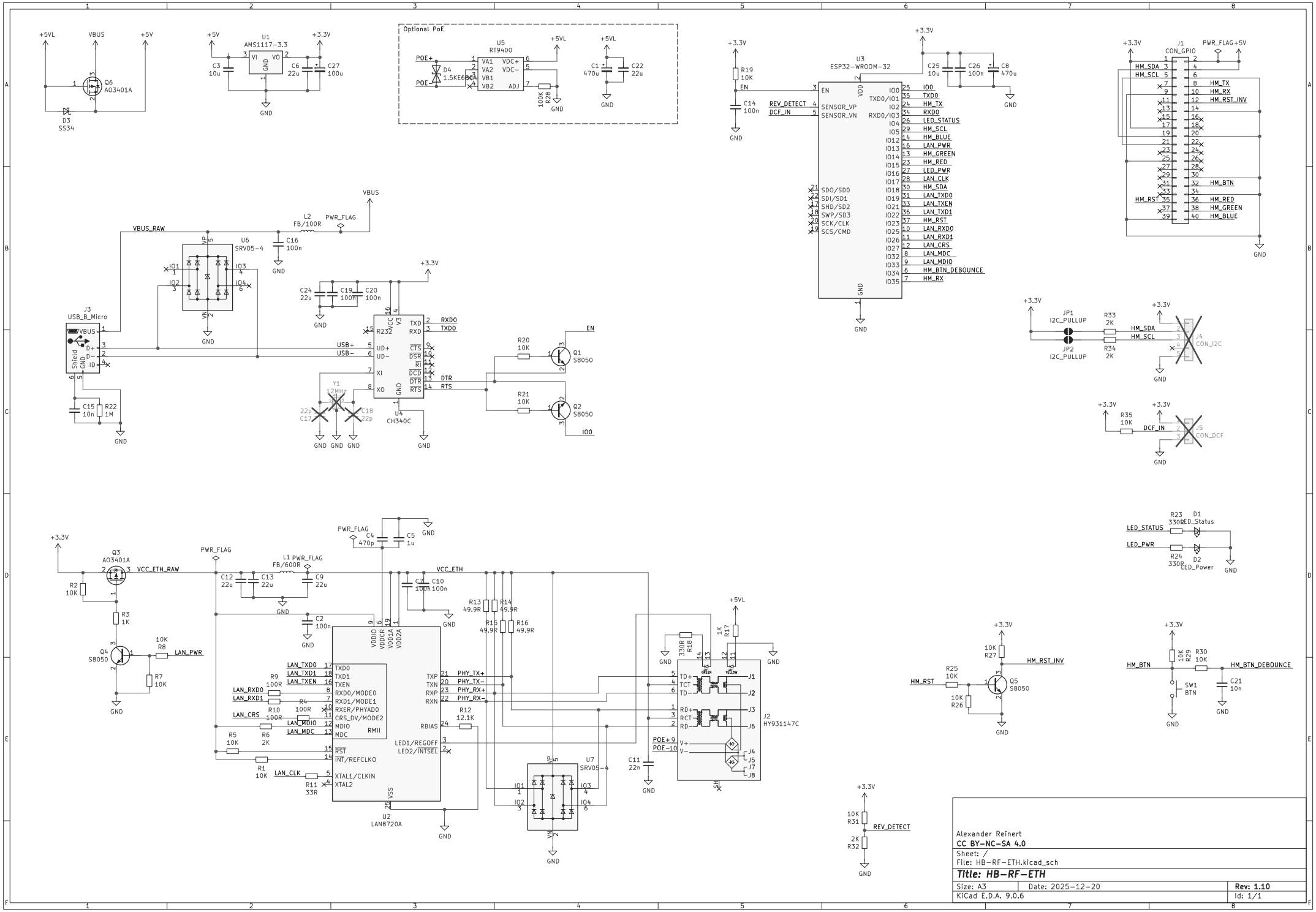
Optional PoE
U1 AMS1117-3.3
U5 RT9400
U3 ESP32-WROOM-32
J1 CON_GPIO
Q6 AO3401A
D3 SS34
D4 1.5KE6.8CA
U6 SRV05-4
J3 USB_B_Micro
L2 FB/100R
L1 FB/600R
U4 CH340C
Y1 12MHz
Q1 S8050
Q2 S8050
Q3 AO3401A
Q4 S8050
Q5 S8050
U2 LAN8720A
U7 SRV05-4
J2 HY931147C
JP1 I2C_PULLUP
JP2 I2C_PULLUP
J4 CON_I2C
J5 CON_DCF
D1 LED_Status
D2 LED_Power
SW1 BTN
Alexander Reinert
CC BY-NC-SA 4.0
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Title: HB-RF-ETH
Size: A3
Date: 2025-12-20
Rev: 1.10
KiCad E.D.A. 9.0.6
Id: 1/1