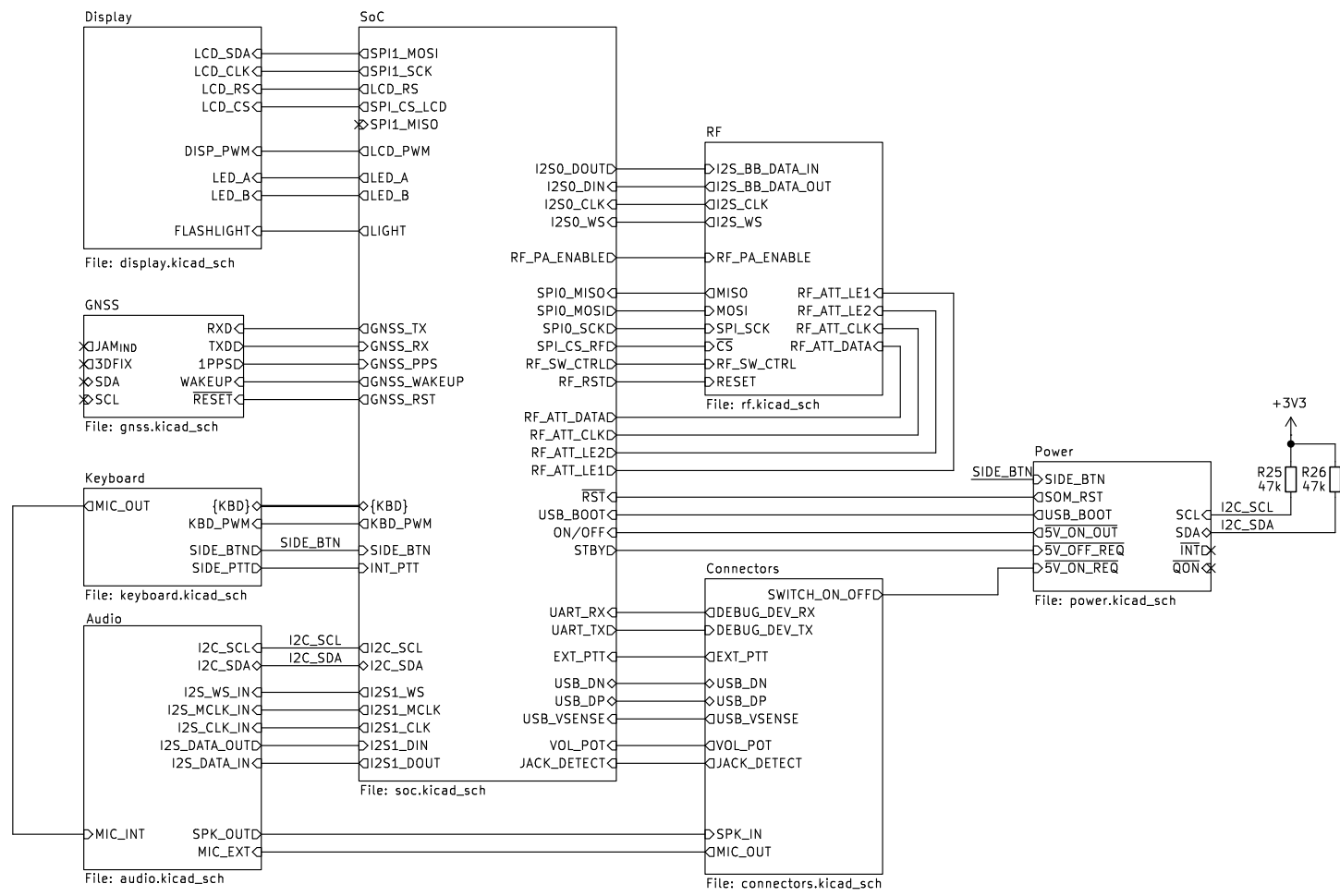
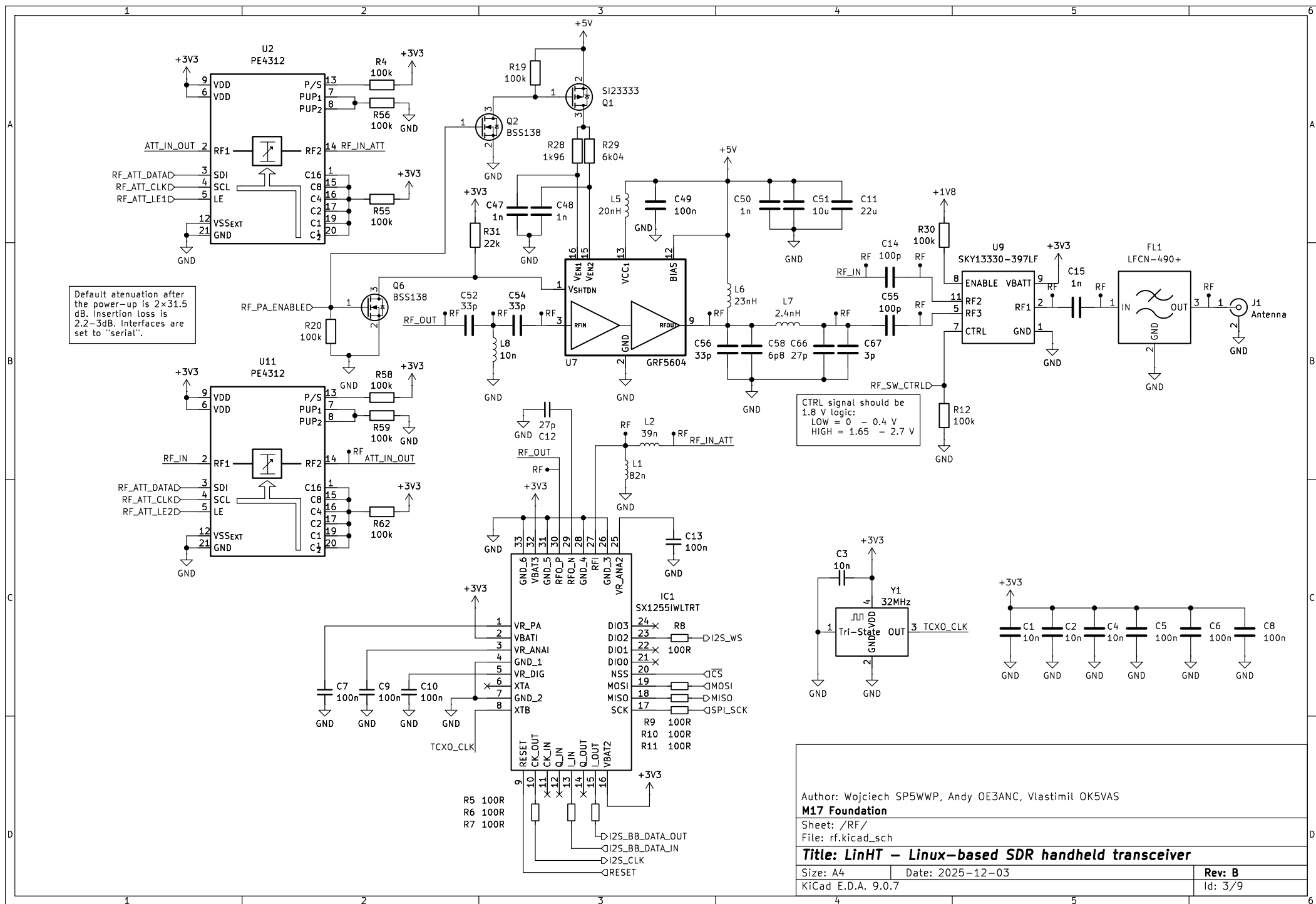
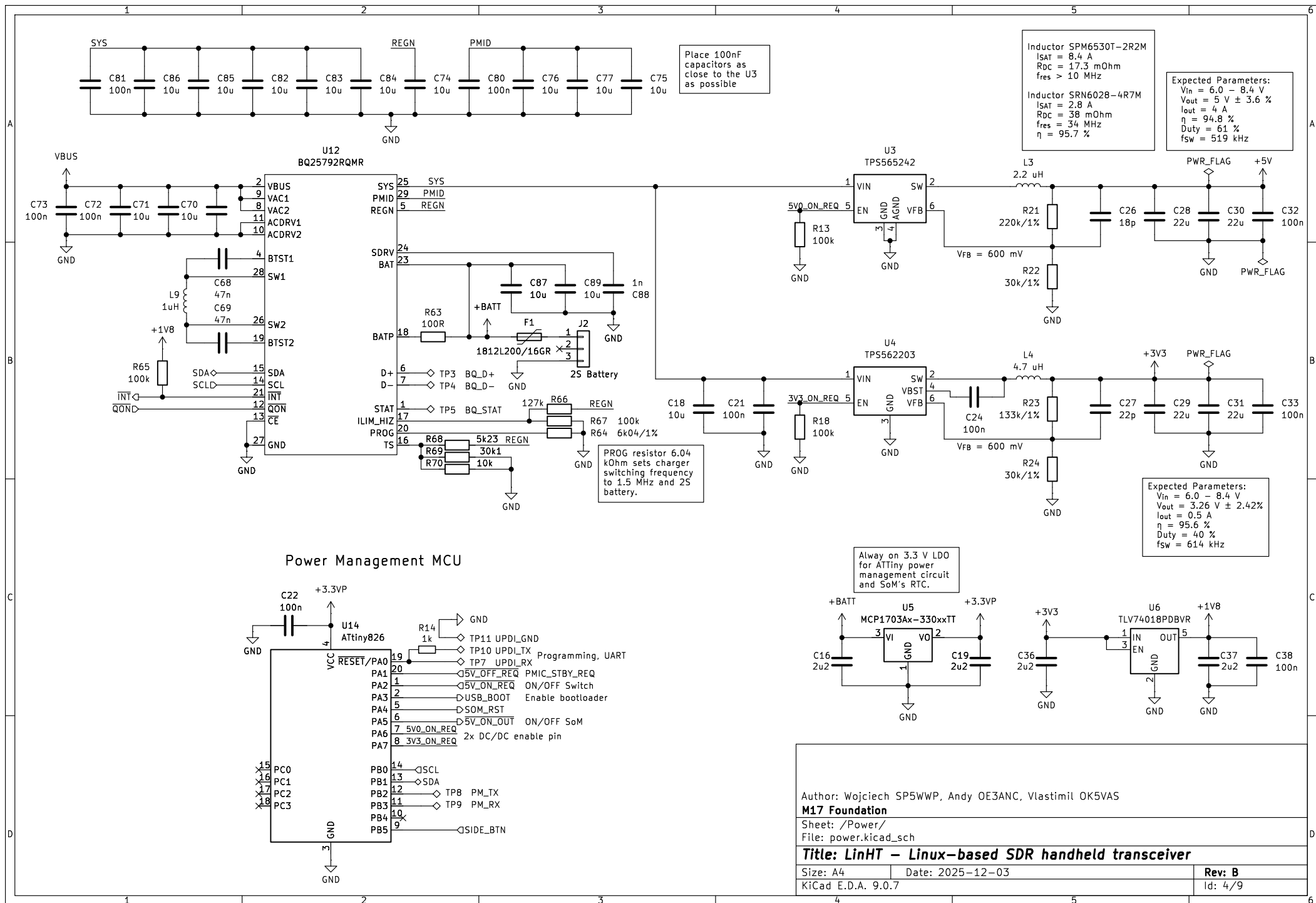
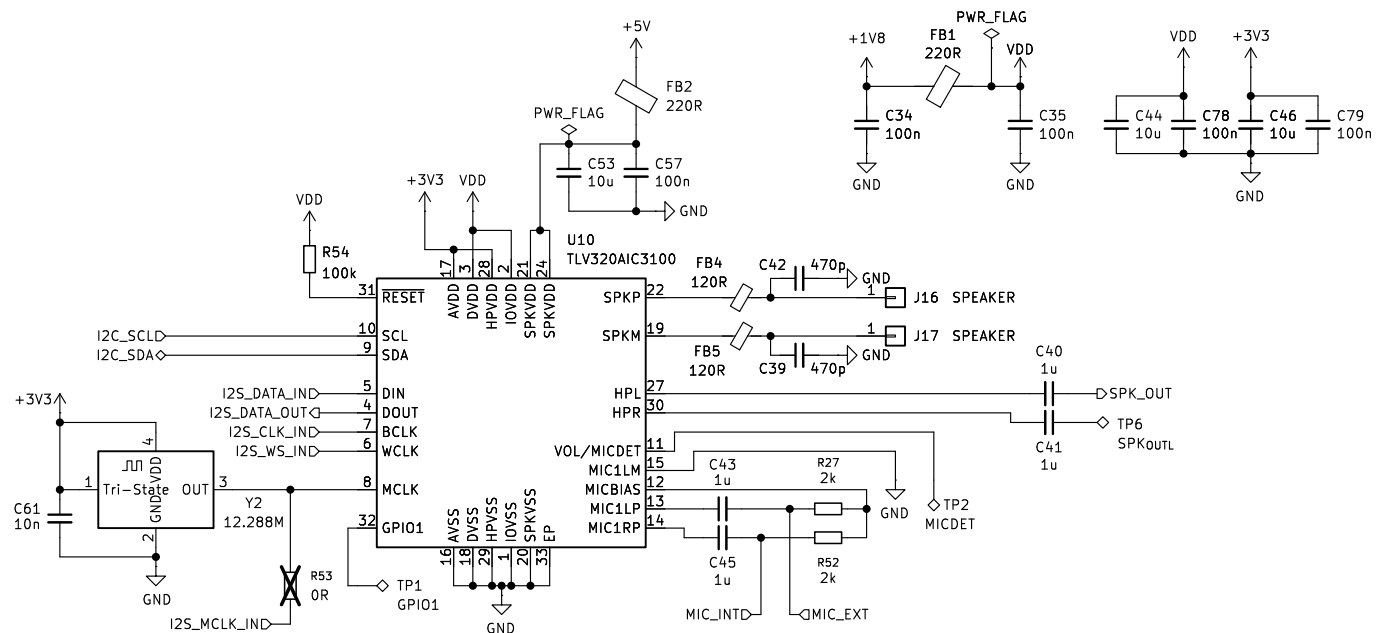




Author: Wojciech SP5WWP, Andy OE3ANC, Vlastimil OK5VAS			
M17 Foundation			
Sheet: /			
File: linht-hw.kicad_sch			
Title: LinHT – Linux-based SDR handheld transceiver			
Size: A4	Date: 2025-12-03	Rev: B	
KiCad E.D.A. 9.0.7			Id: 1/9







Author: Wojciech SP5WWP, Andy OE3ANC, Vlastimil OK5VAS

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Sheet: /Audio/

File: audio.kicad_sch

Title: LinHT – Linux-based SDR handheld transceiver

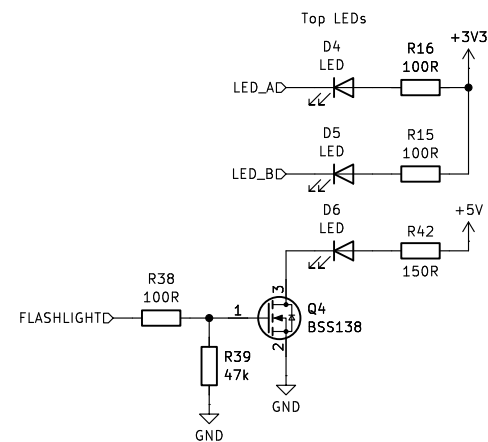
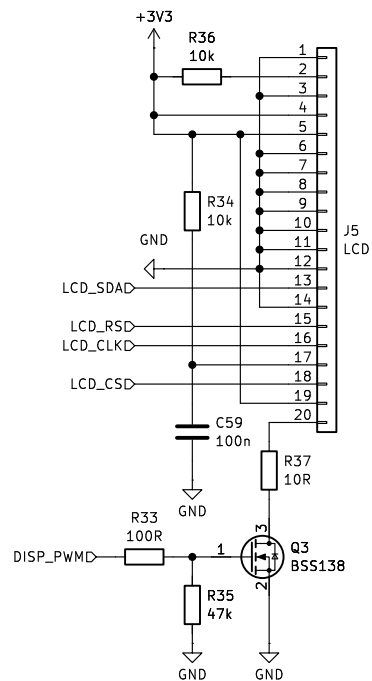
Size: A4

Date: 2025-12-03

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Id: 5/9



Author: Wojciech SP5WWP, Andy OE3ANC, Vlastimil OK5VAS

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Sheet: /Display/

File: display.kicad_sch

Title: LinHT – Linux-based SDR handheld transceiver

Size: A4

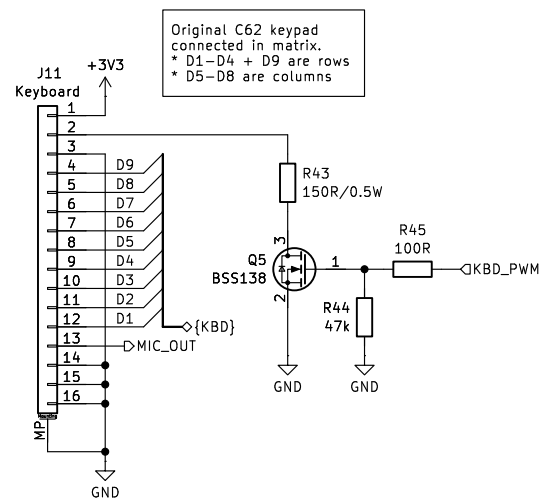
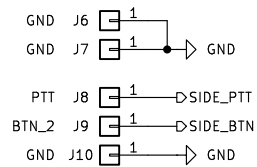
Date: 2025-12-03

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Id: 6/9

Solder pads for the side keys (buttons). These have their own PCB.



Author: Wojciech SP5WWP, Andy OE3ANC, Vlastimil OK5VAS

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Sheet: /Keyboard/

File: keyboard.kicad_sch

Title: LinHT – Linux-based SDR handheld transceiver

Size: A4

Date: 2025-12-03

Rev: B

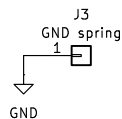
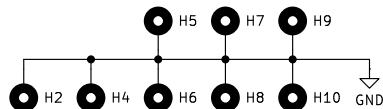
KiCad E.D.A. 9.0.7

Id: 7/9

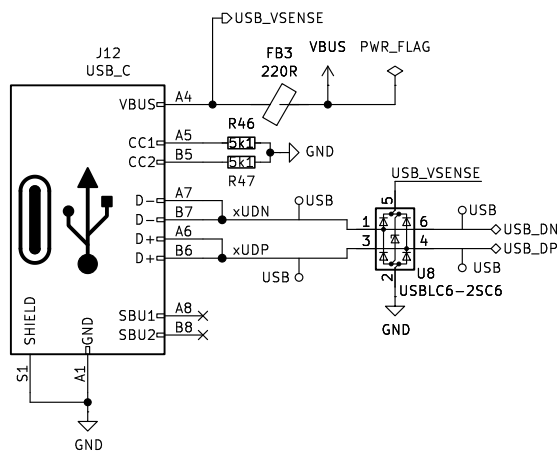
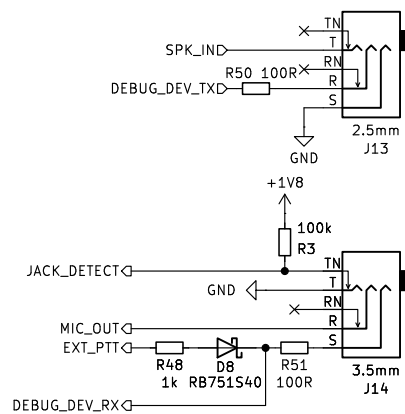
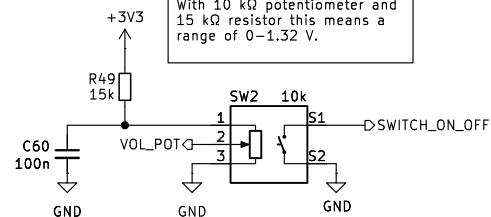
Original Retevis C62 PCB
has these mounting holes:
8× M2
2× M2.5

Our new PCB will have:
8× M2

Two M2.5 were removed
due to conflict with the
SoM.



ADC $V_{ref} = 1.8\text{ V}$
With 10 k Ω potentiometer and
15 k Ω resistor this means a
range of 0–1.32 V.



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M17 Foundation

Sheet: /Connectors/
File: connectors.kicad_sch

Title: LinHT – Linux-based SDR handheld transceiver

Size: A4 Date: 2025-12-03

KiCad E.D.A. 9.0.7

Rev: B

Id: 8/9

Id: 9/9