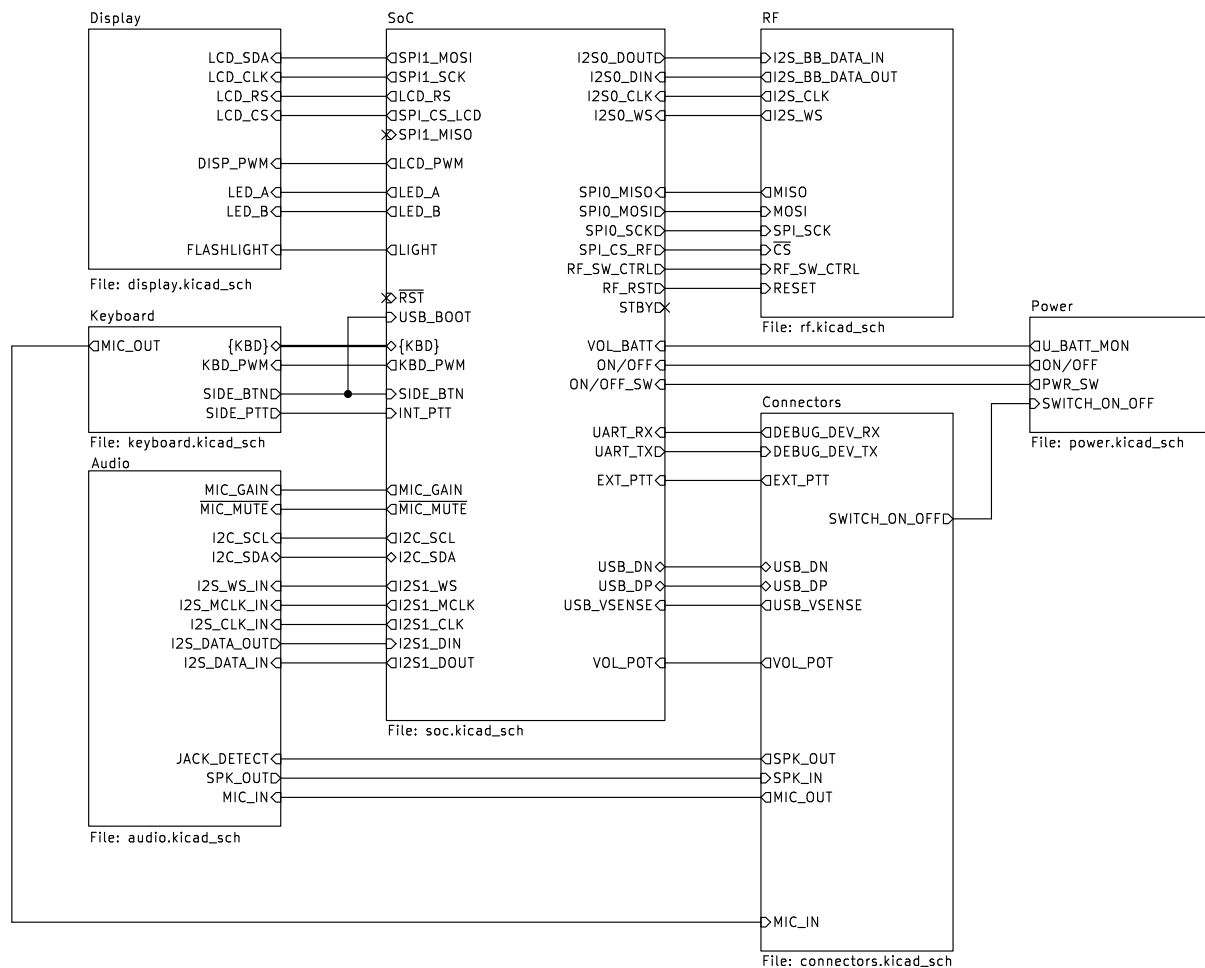




Author: Wojciech SP5WWP, Andy OE3ANC, Vlastimil OK5VAS

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Sheet: /

File: linht-hw.kicad\_sch

**Title: LinHT – Linux-based SDR handheld transceiver**

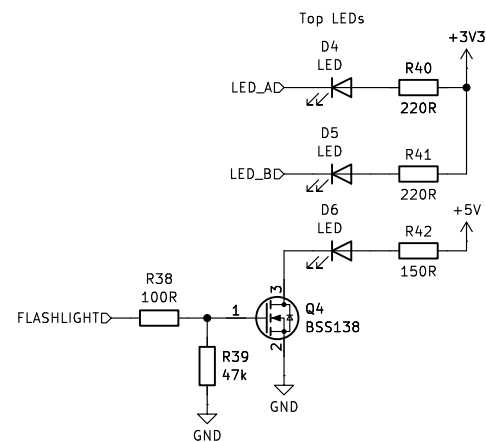
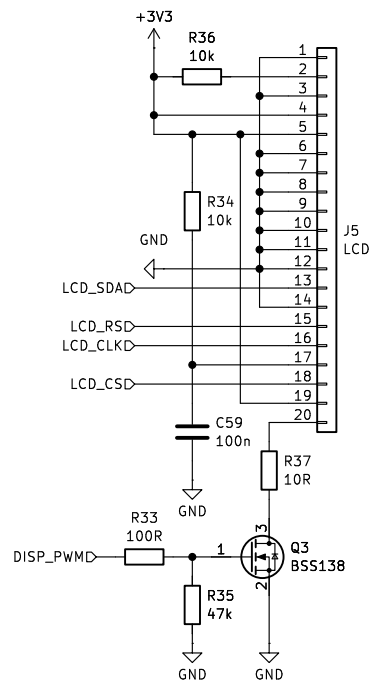
Size: A4

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Sheet: /Display/

File: display.kicad\_sch

**Title: LinHT – Linux-based SDR handheld transceiver**

Size: A4

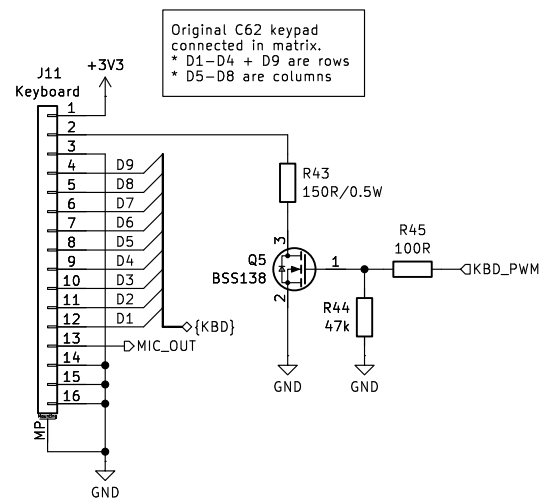
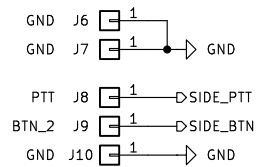
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Solder pads for the side keys (buttons). These have their own PCB.



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Sheet: /Keyboard/

File: keyboard.kicad\_sch

**Title: LinHT – Linux-based SDR handheld transceiver**

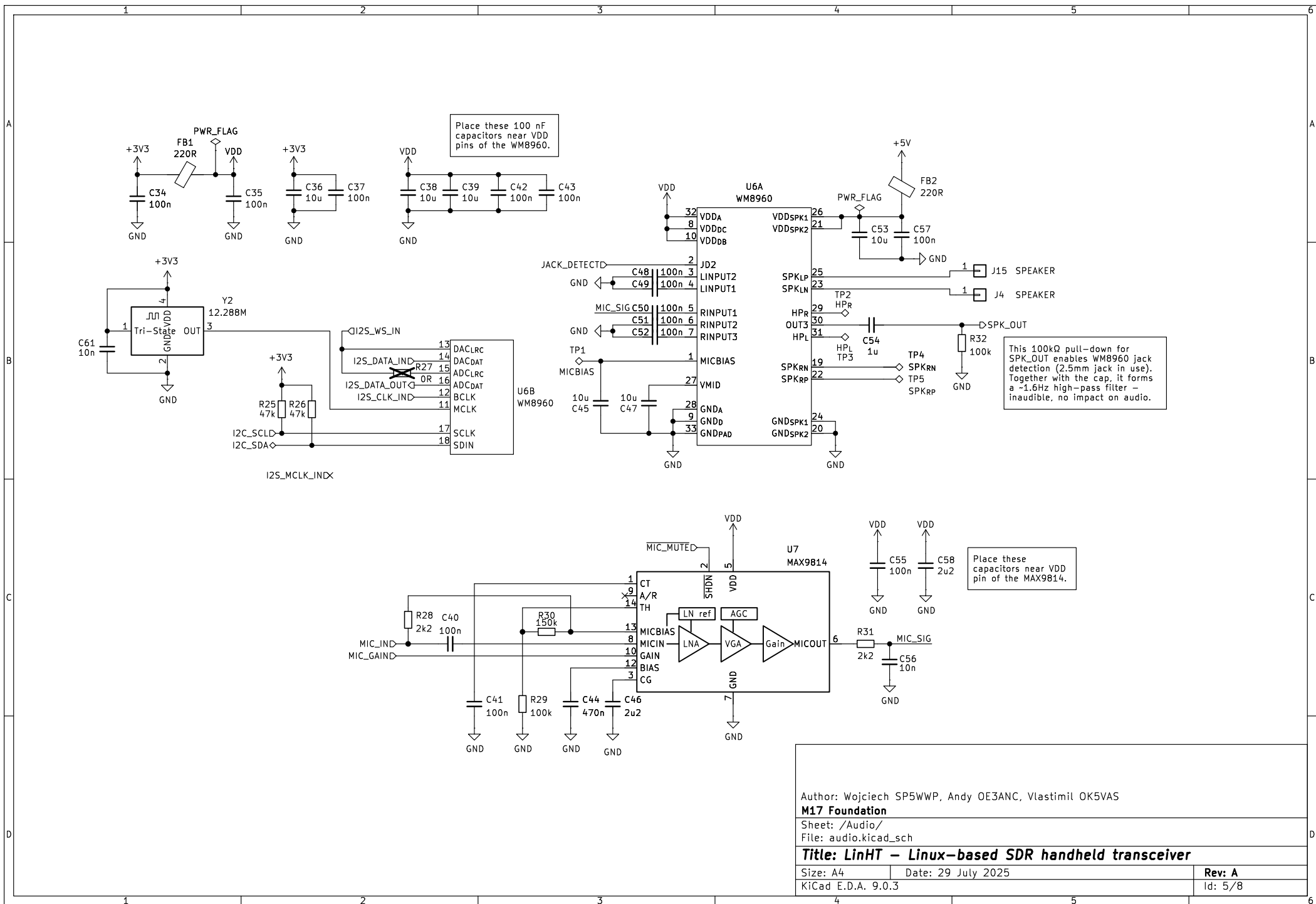
Size: A4

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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

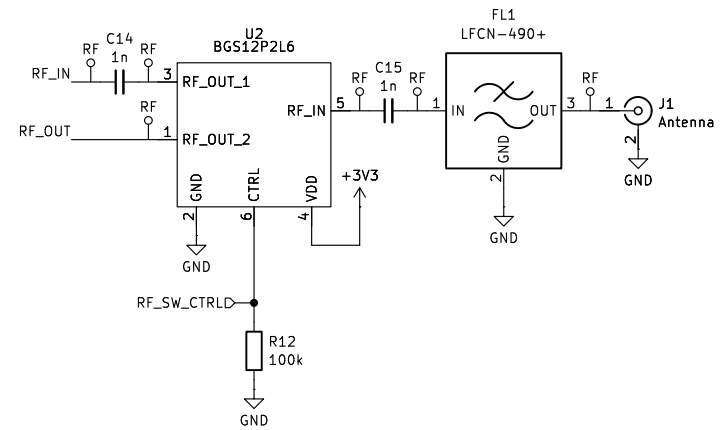
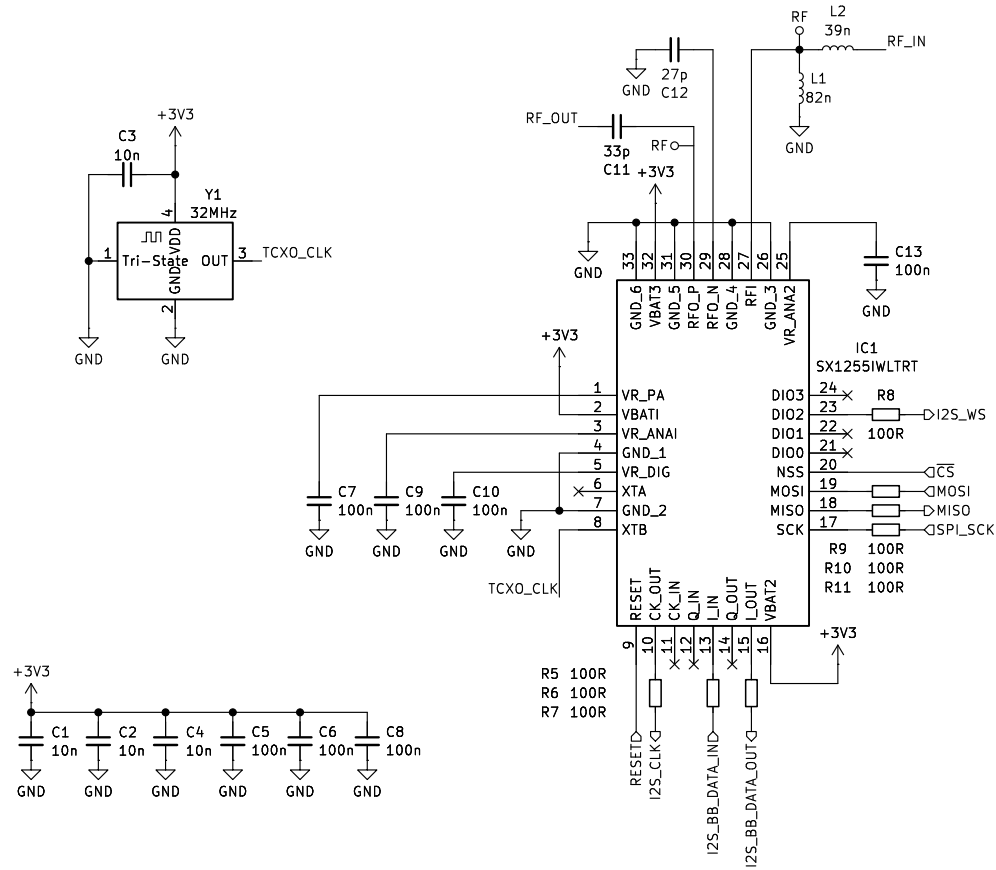
Date: 29 July 2025

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Sheet: /RF/

File: rf.kicad\_sch

**Title: LinHT – Linux-based SDR handheld transceiver**

Size: A4

Date: 29 July 2025

Rev: A

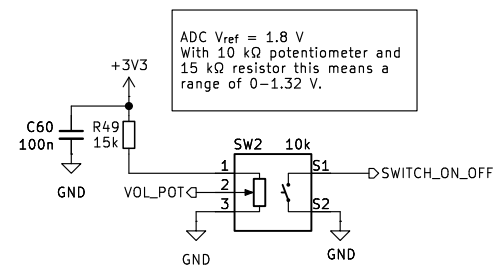
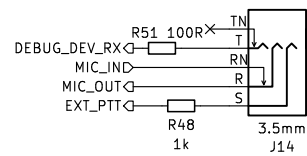
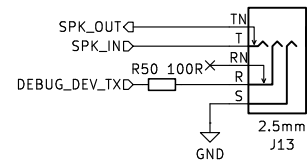
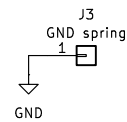
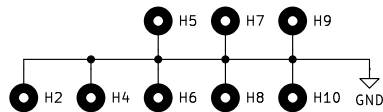
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Id: 3/8

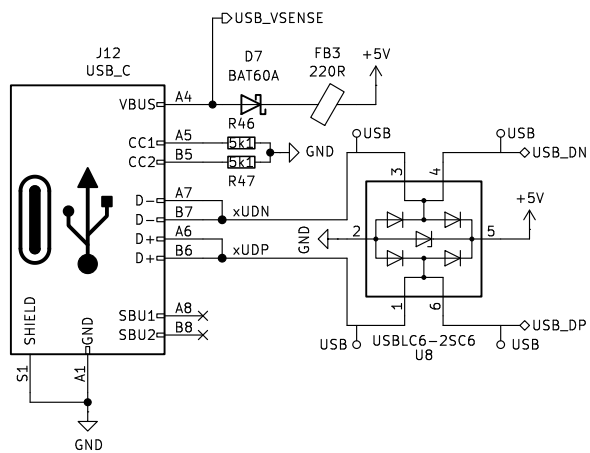
Original Retevis C62 PCB  
has these mounting holes:  
8× M2  
2× M2.5

Our new PCB will have:  
8× M2

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



ADC Vref = 1.8 V  
With 10 kΩ potentiometer and  
15 kΩ resistor this means a  
range of 0–1.32 V.



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Sheet: /Connectors/  
File: connectors.kicad\_sch

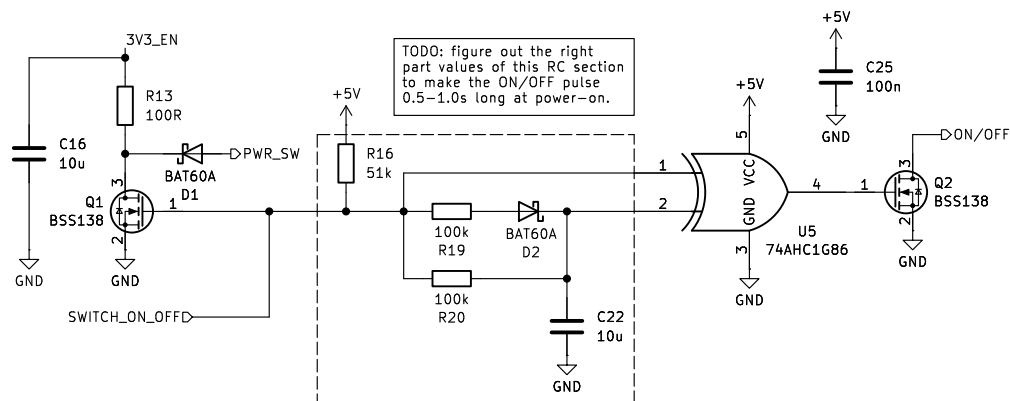
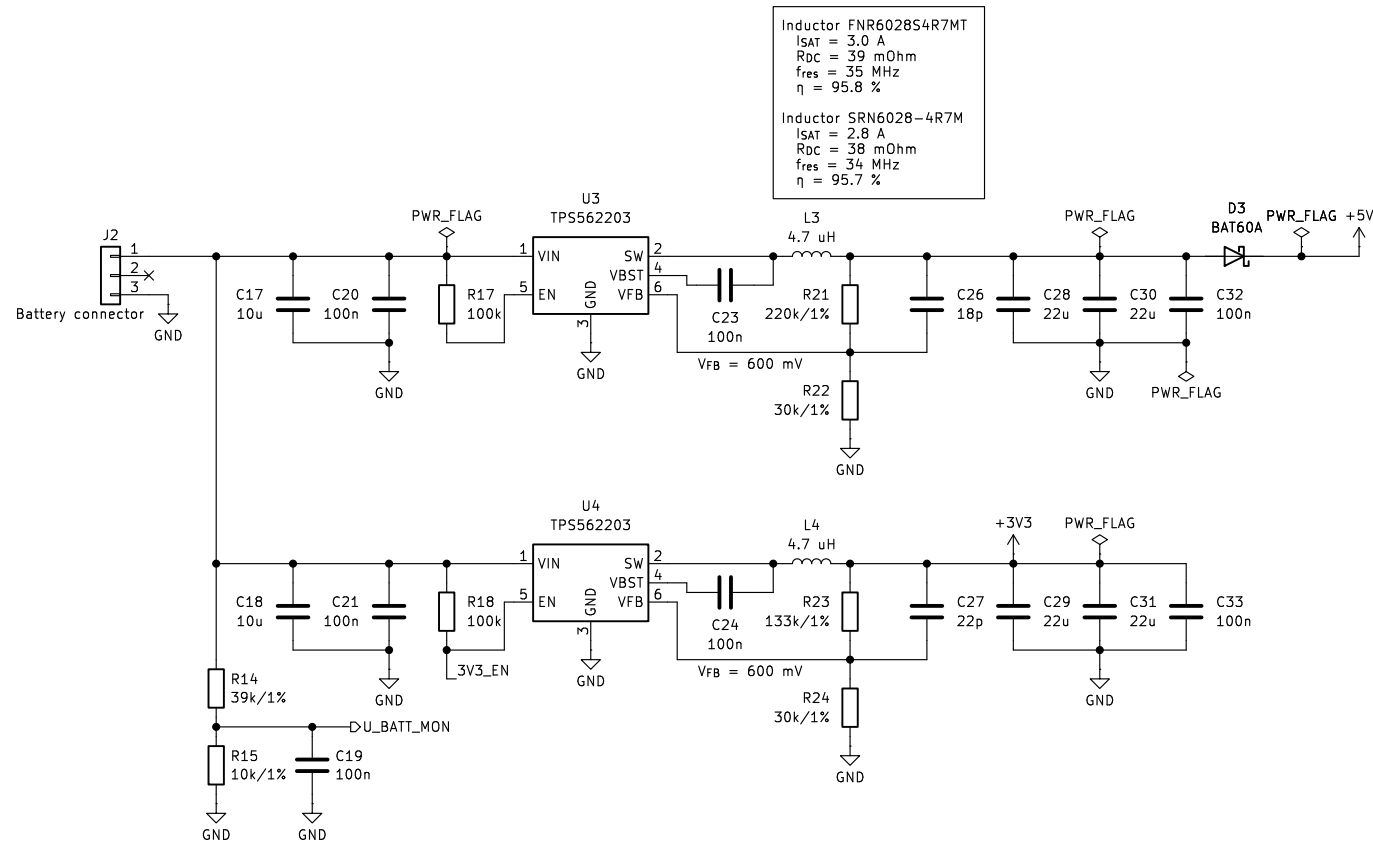
**Title: LinHT – Linux-based SDR handheld transceiver**

Size: A4 Date: 29 July 2025

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Sheet: /Power/

File: power.kicad\_sch

**Title: LinHT – Linux-based SDR handheld transceiver**

Size: A4

Date: 29 July 2025

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**Rev: A**

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