

Author: Wojciech SP5WWP, Andy OE3ANC, Vlastimil OK5VAS

**M17 Foundation**

Sheet: /Display/

File: display.kicad\_sch

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

Size: A4

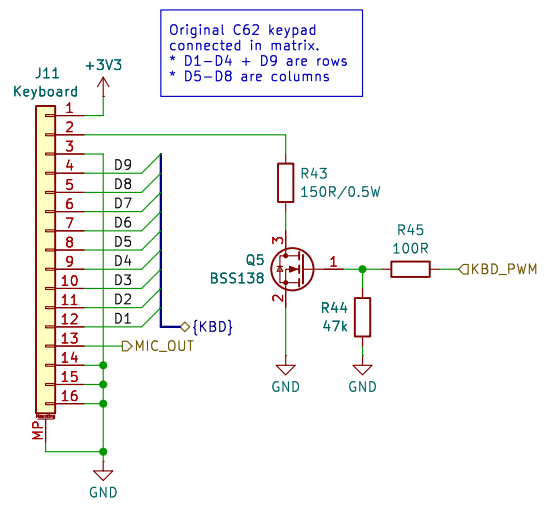
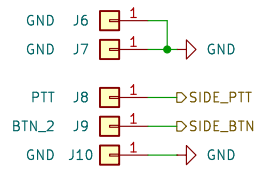
Date: 29 July 2025

Rev: A

KiCad E.D.A. 9.0.3

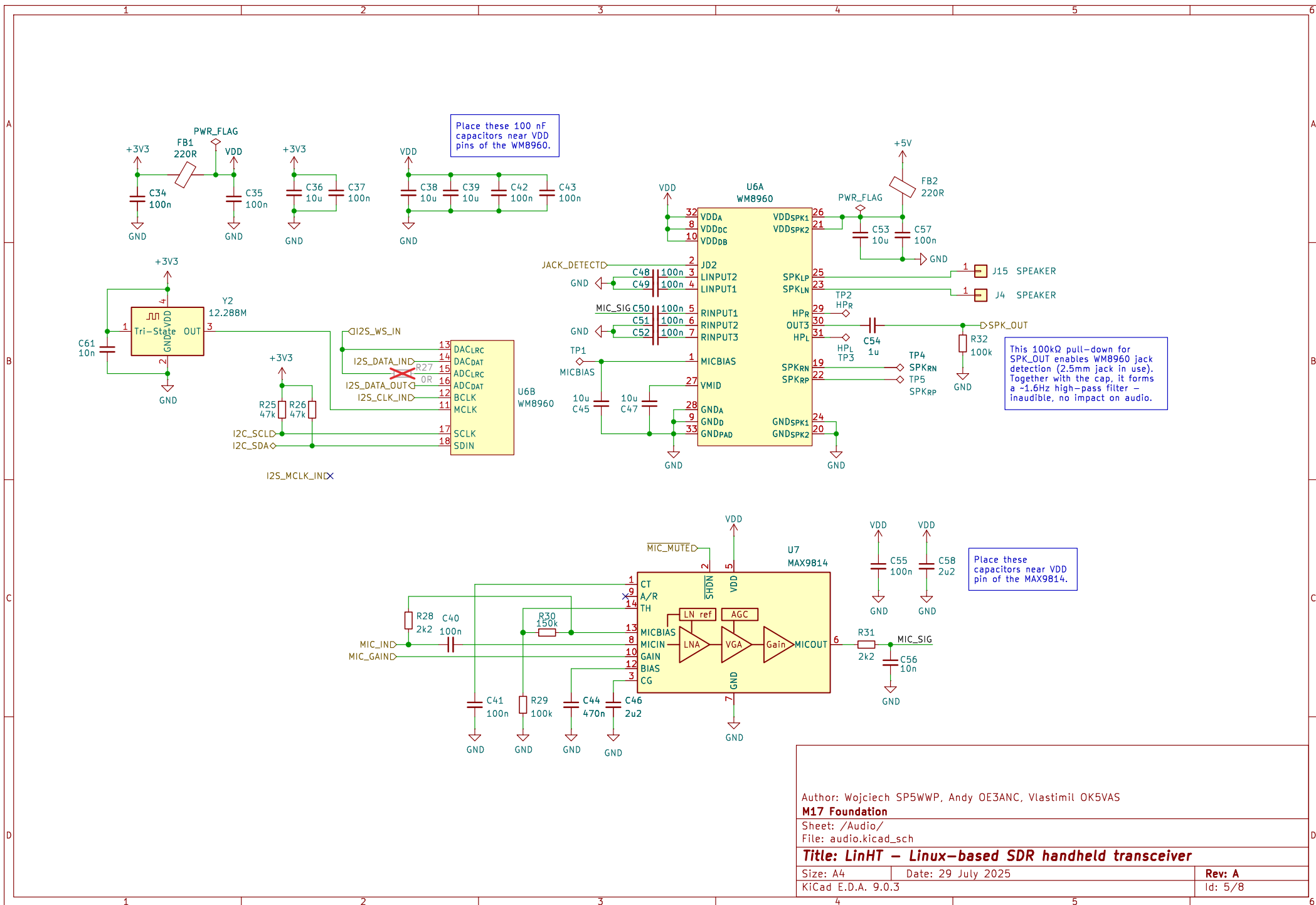
Id: 6/8

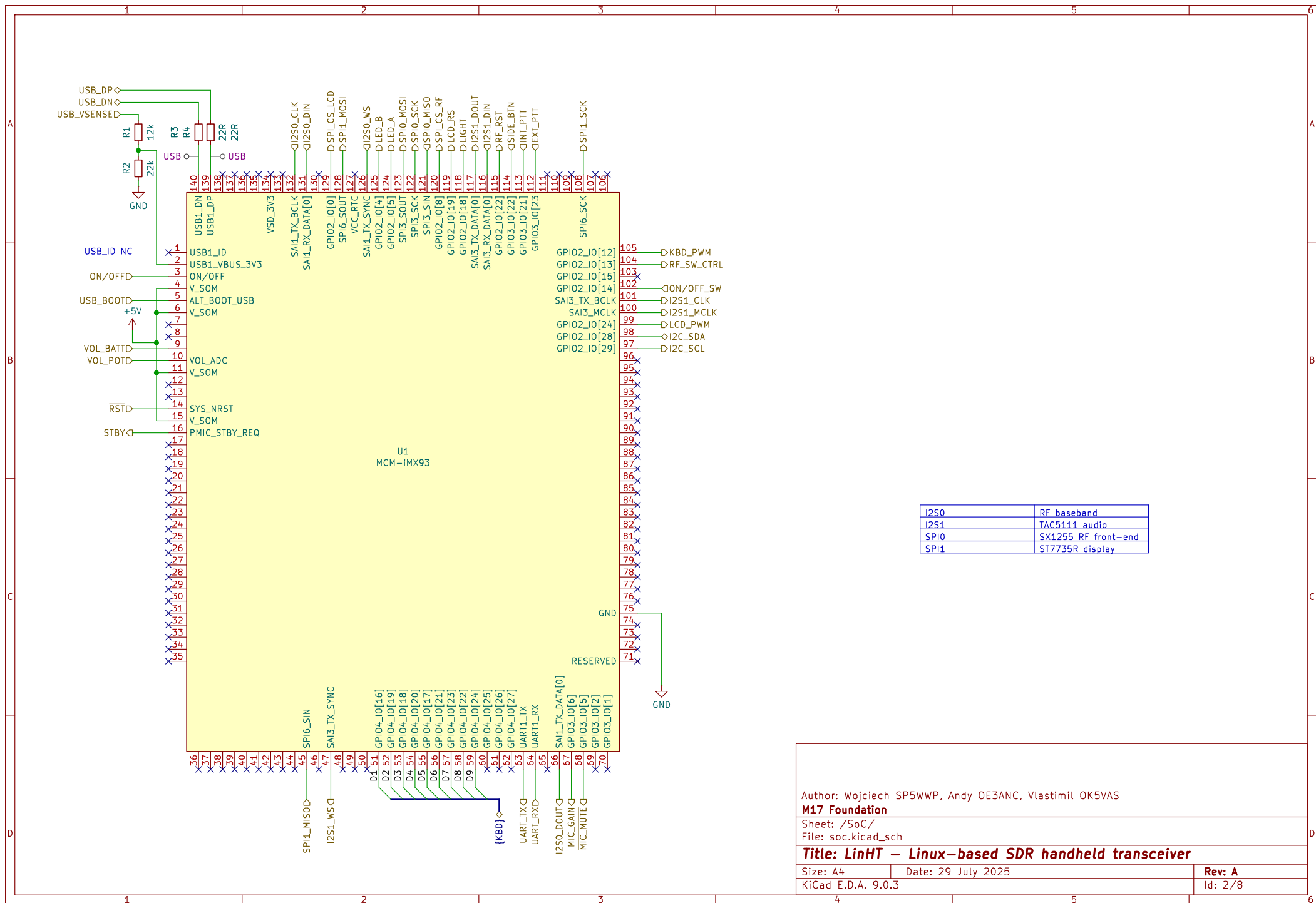
Solder pads for the side keys (buttons). These have their own PCB.

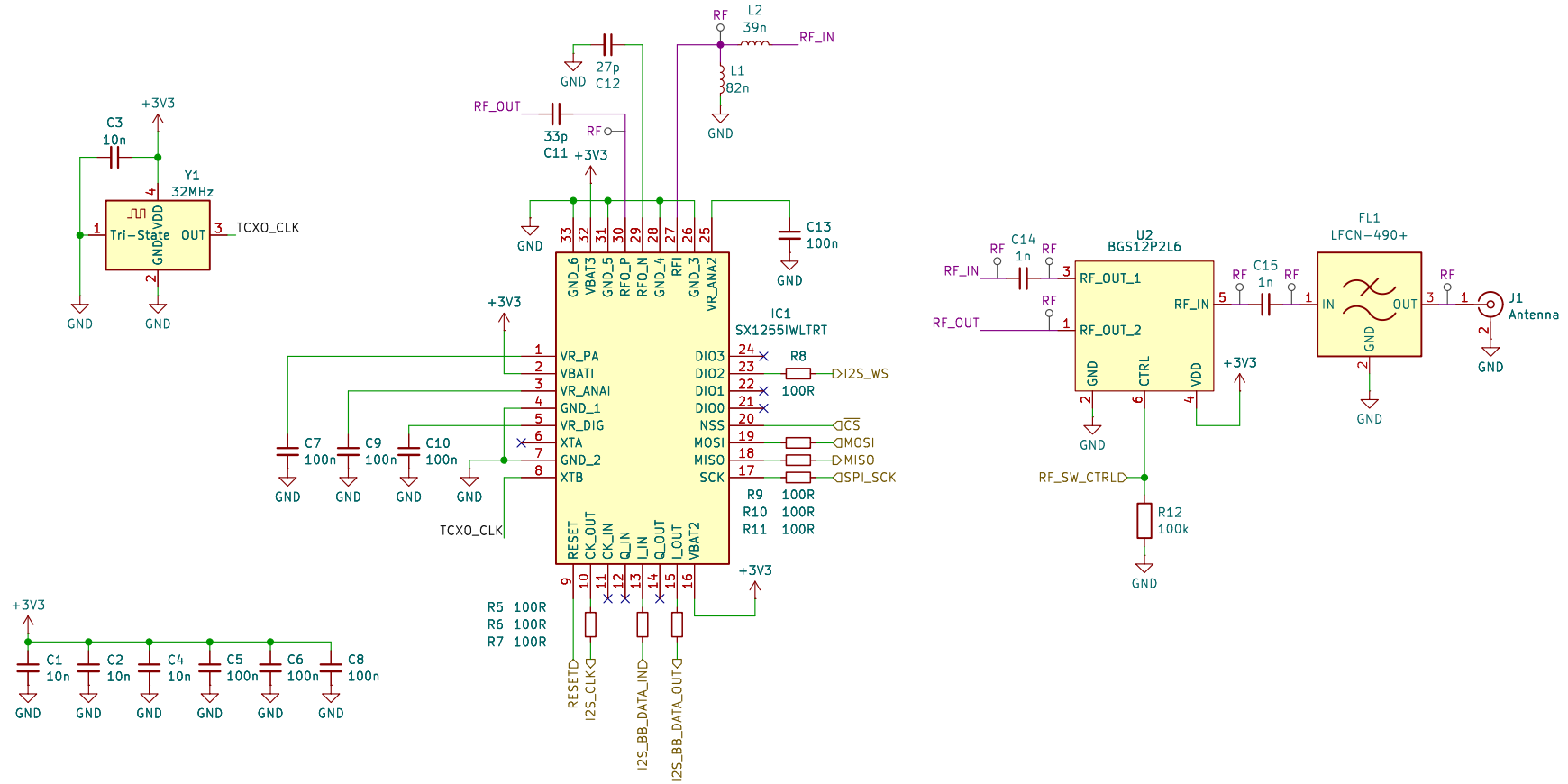


Original C62 keypad connected in matrix.  
 \* D1-D4 + D9 are rows  
 \* D5-D8 are columns

Author: Wojciech SP5WWP, Andy OE3ANC, Vlastimil OK5VAS		
<b>M17 Foundation</b>		
Sheet: /Keyboard/		
File: keyboard.kicad_sch		
<b>Title: LinHT – Linux-based SDR handheld transceiver</b>		
Size: A4	Date: 29 July 2025	Rev: A
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**M17 Foundation**

Sheet: /RF/

File: rf.kicad\_sch

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Size: A4

Date: 29 July 2025

Rev: A

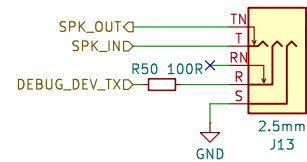
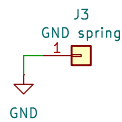
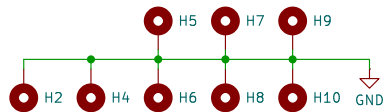
KiCad E.D.A. 9.0.3

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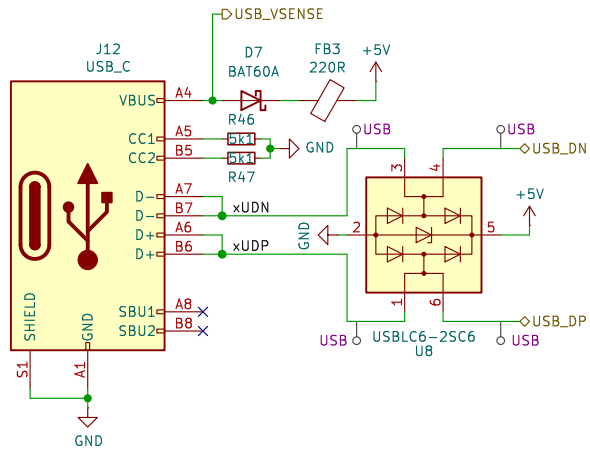
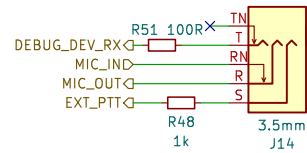
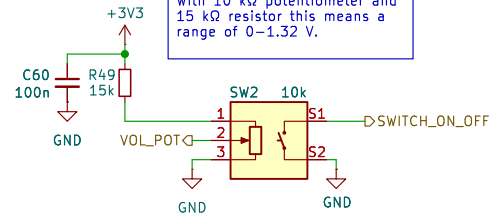
Original Retevis C62 PCB  
has these mounting holes:  
8× M2  
2× M2.5

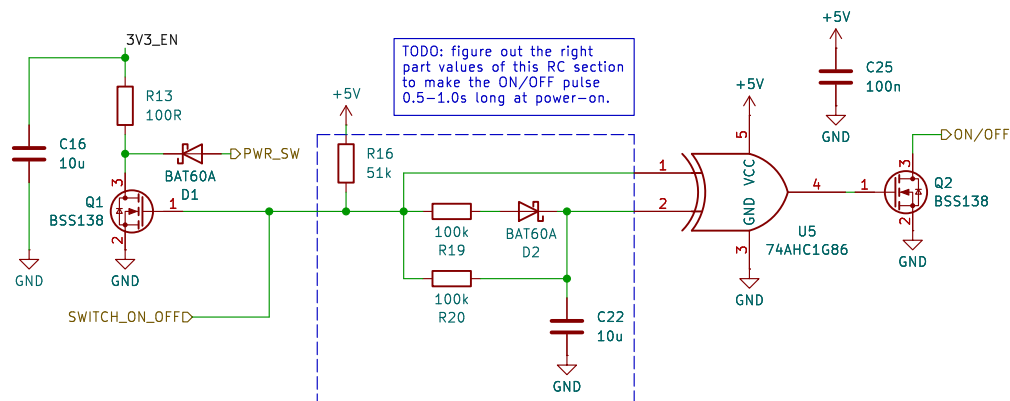
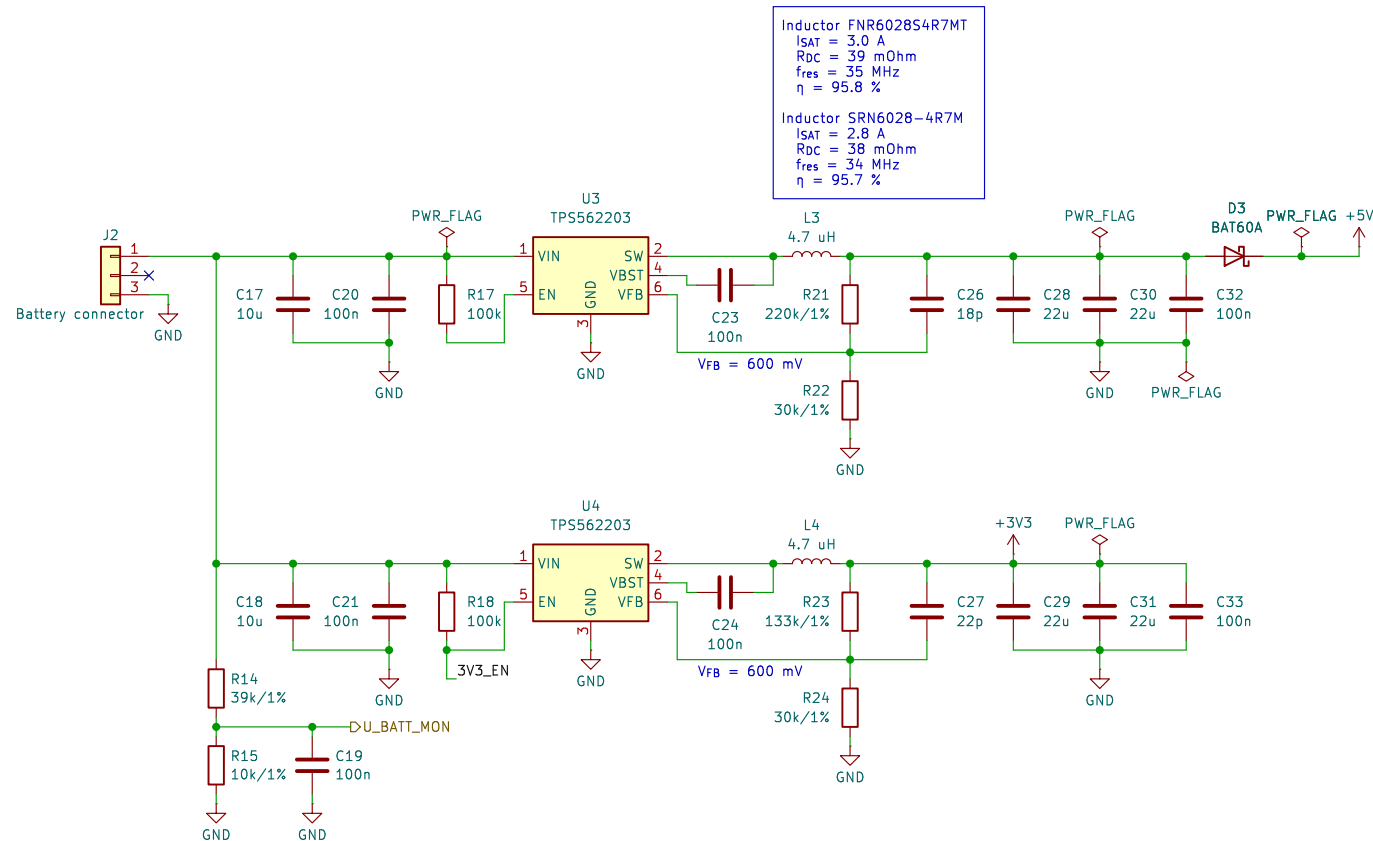
Our new PCB will have:  
8× M2

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



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





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**M17 Foundation**

Sheet: /Power/

File: power.kicad\_sch

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