

Microcontroller circuit – internal FRAM  
 JP1: Jumper select for 25, 26 & 28Mhz for LNB  
 (00, 01, 10 & 10)  
 TxOut for control of external devices

Sheet: /processor/  
 File: processor.kicad\_sch

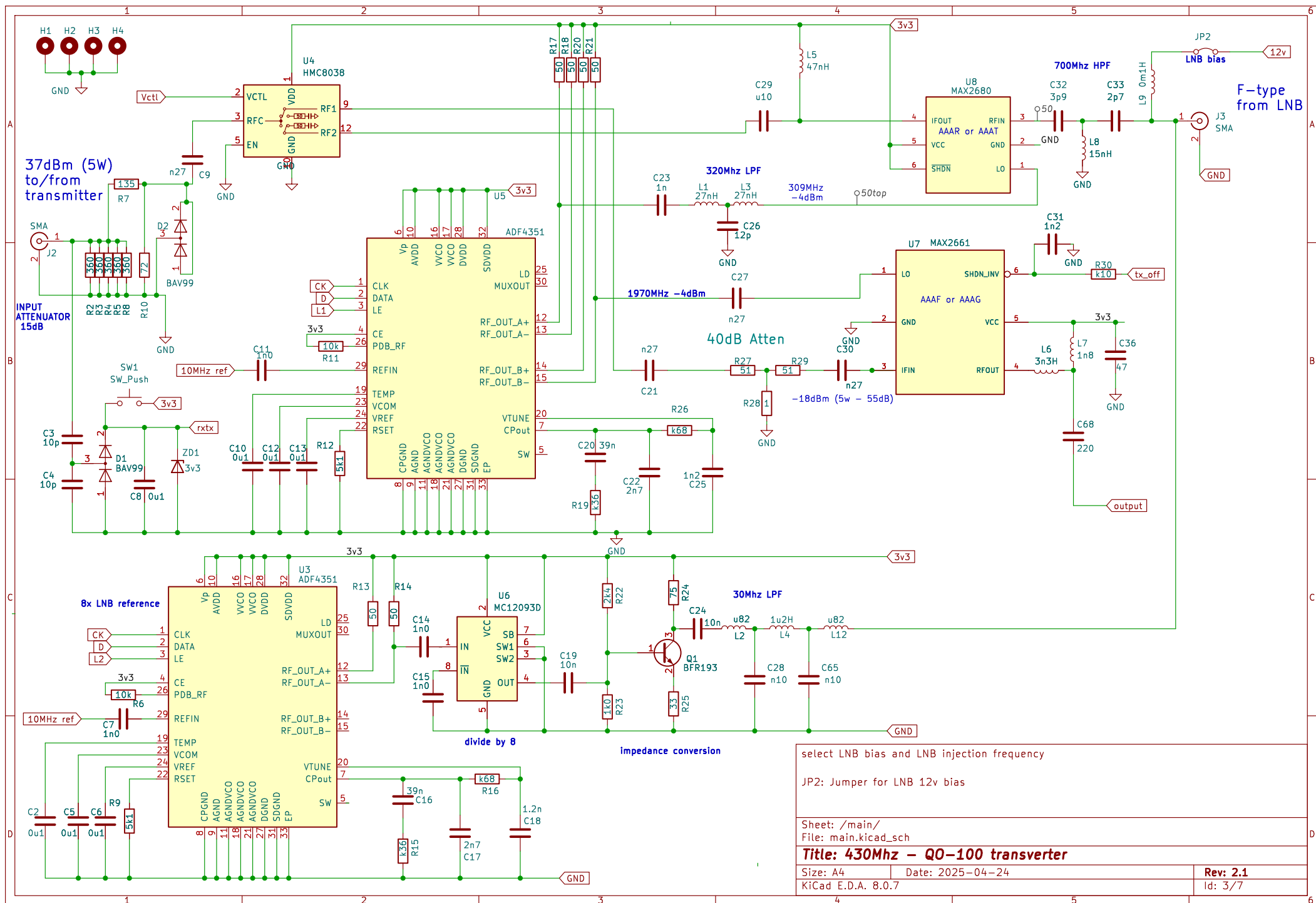
**Title: 430Mhz – Q0-100 transverter**

Size: A4 Date: 2025-04-24

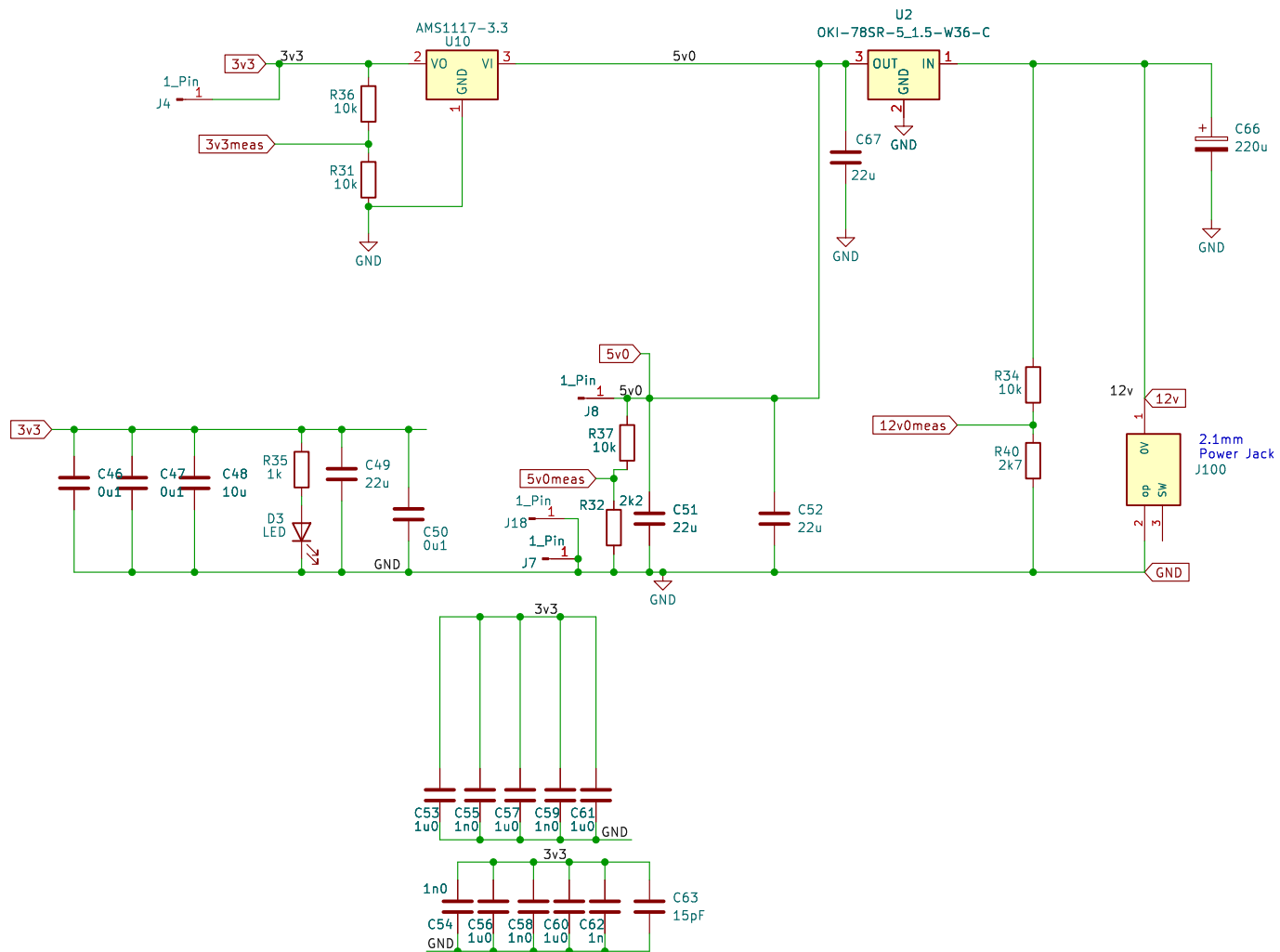
KiCad E.D.A. 8.0.7

Rev: 2.1

Id: 2/7



Id: 4/7



PSU and decoupling

Sheet: /power/  
File: power.kicad\_sch

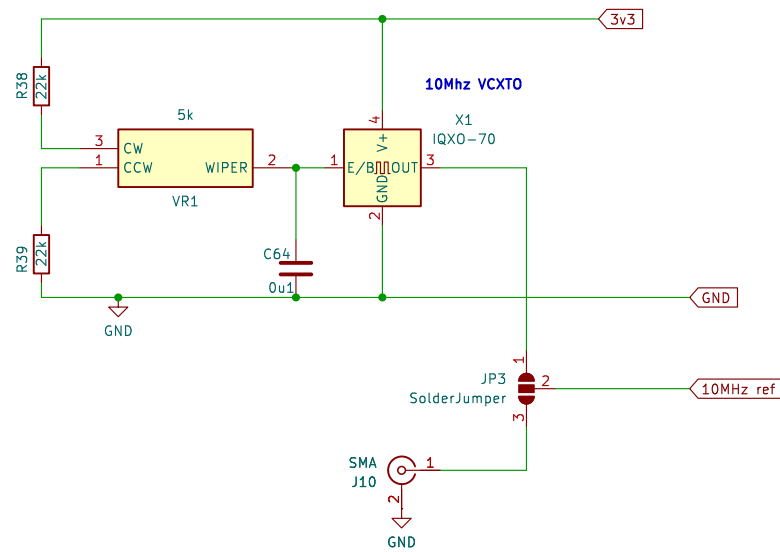
**Title: 430Mhz - Q0-100 transverter**

Size: A4 Date: 2025-04-24

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Rev: 2.1

Id: 5/7



10 Mhz reference frequency		
JP3: Jumper select for external GPSDO reference		
Sheet: /oscillator/ File: oscillator.kicad_sch		
<b>Title: 430Mhz – QO–100 transverter</b>		
Size: A4	Date: 2025–04–24	Rev: 2.1
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