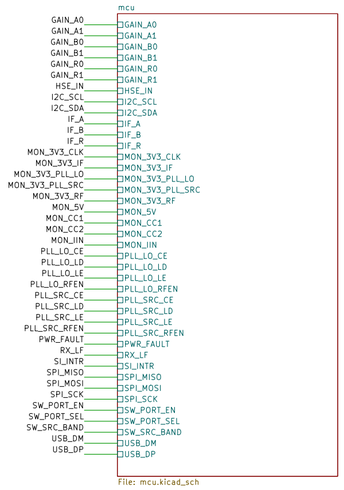
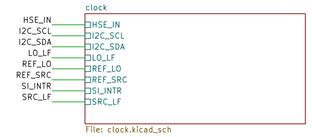
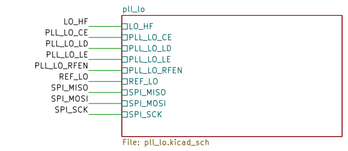
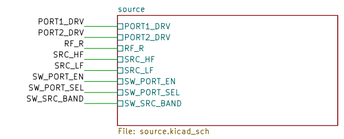


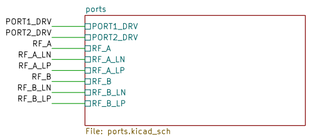


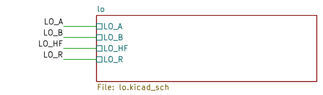












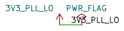










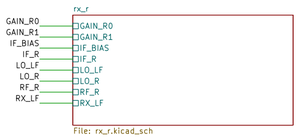




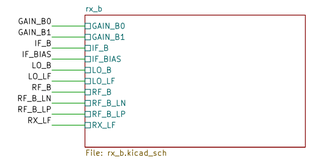




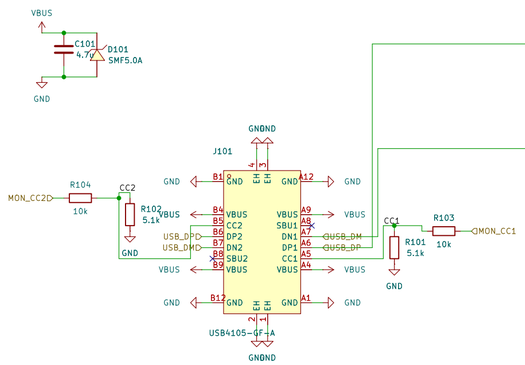


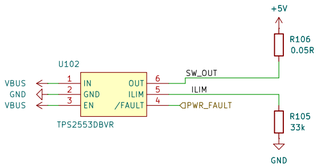


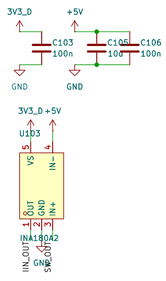


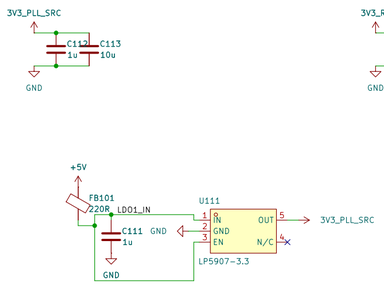


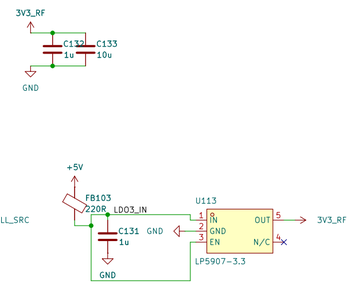
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Sheet: /
File: vna.kicad_sch
Title: vna: two-port VNA, 100 kHz to 4.4 GHz
Size: A2 | Date: | Rev: 1
KiCad E.D.A. 10.0.6 | Id: 1/12

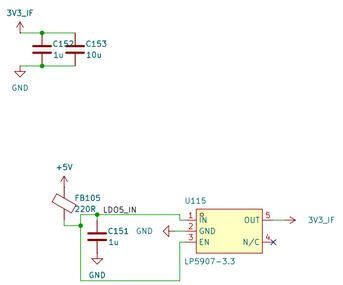




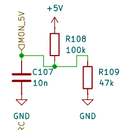


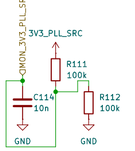


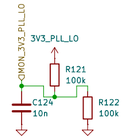




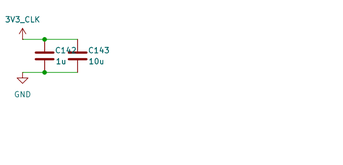




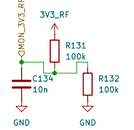


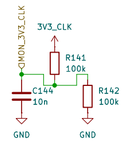


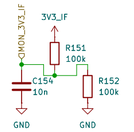












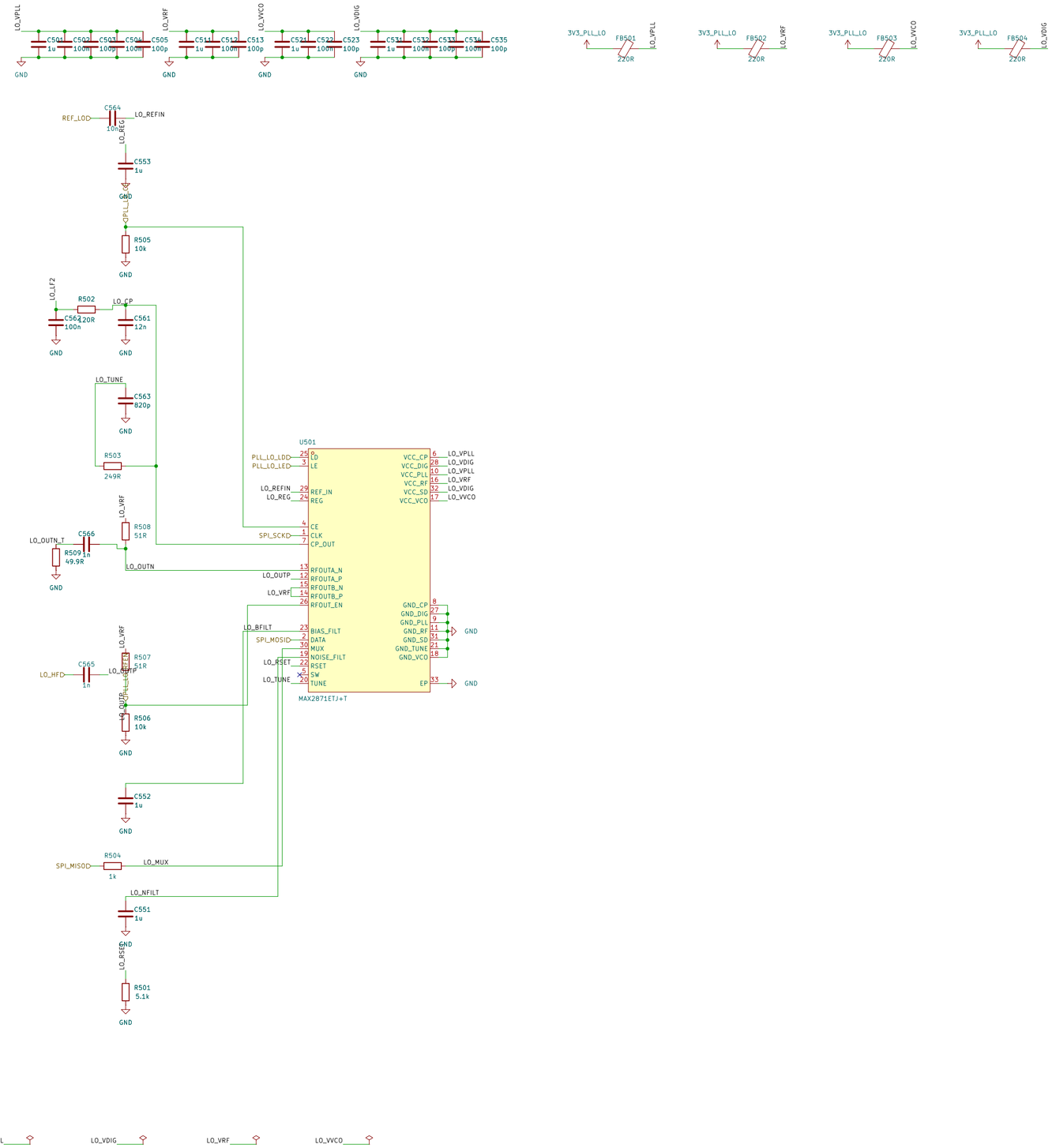
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Title: vna: USB-C in, load switch, input current, six LDOs, rail monitors

Size: A2	Date:	Rev: 1
KiCad E.D.A. 10.0.6		Id: 2/12



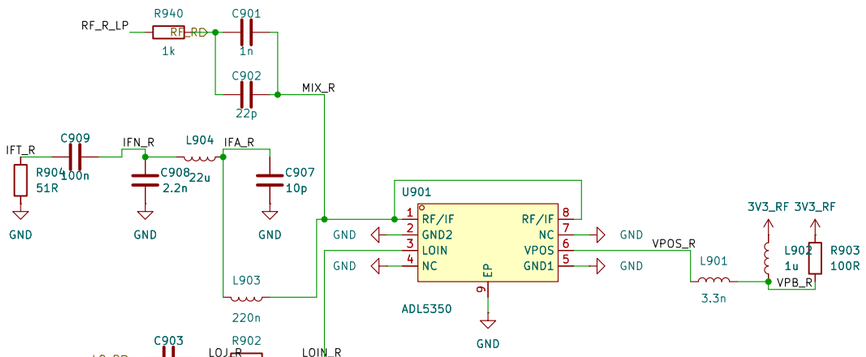
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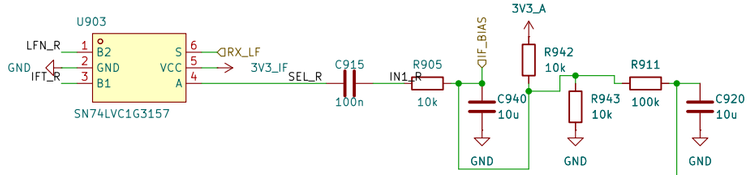
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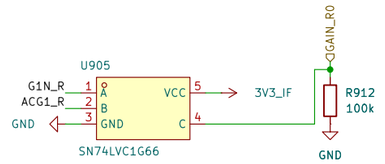
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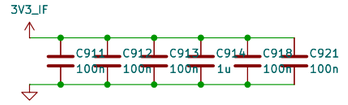
Title: vna: MAX2871 #2: LO synthesizer, loop filter, output

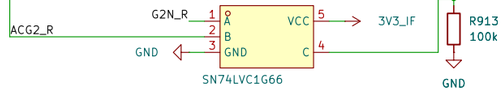
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KiCad E.D.A. 10.0.6		Id: 3/12

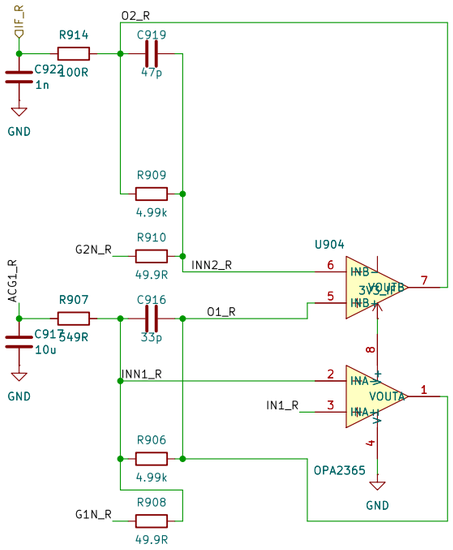


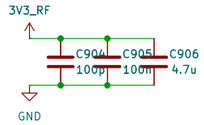




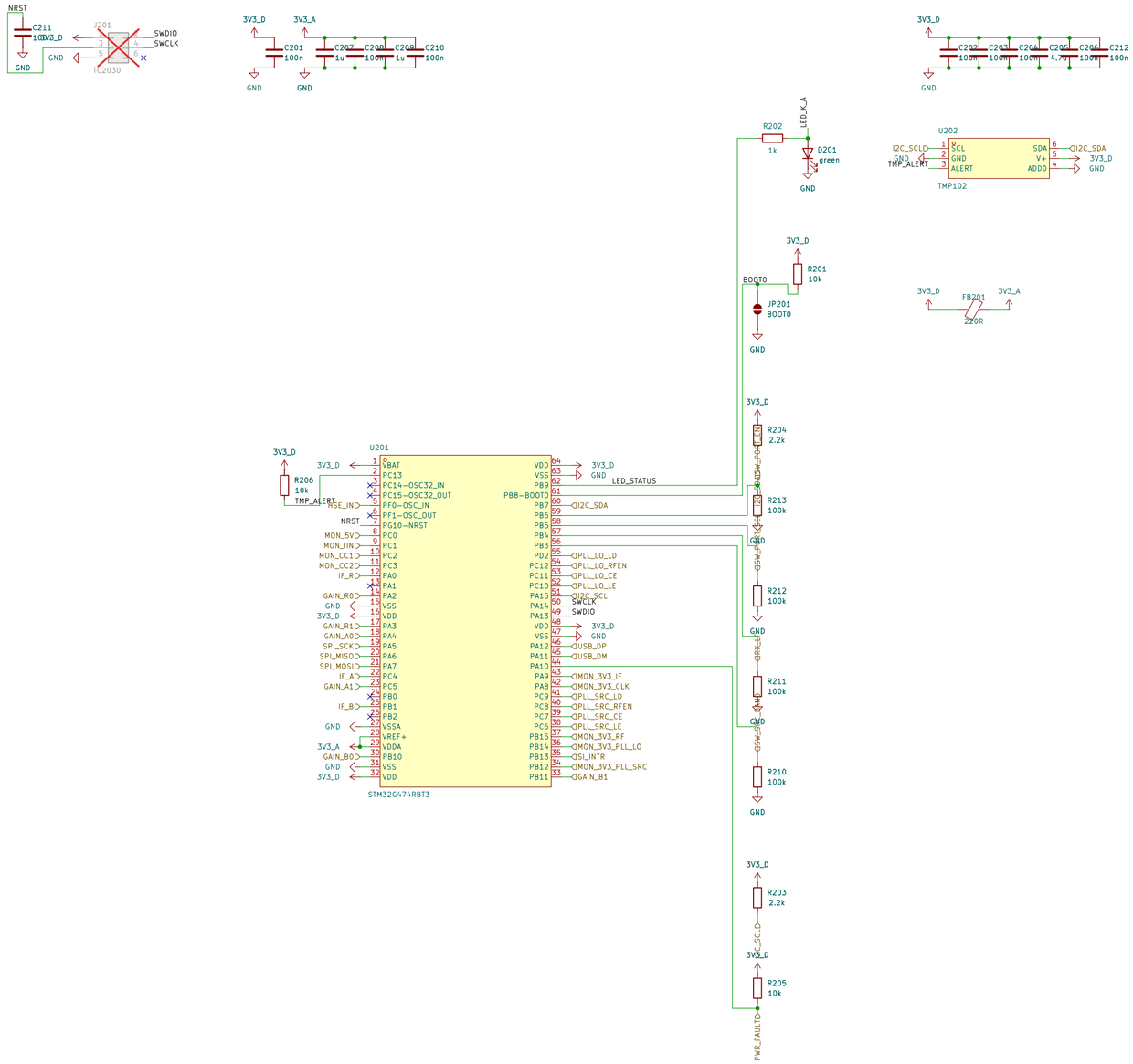








hwde		
Sheet: /rx_r/		
File: rx_r.kicad_sch		
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Size: A3	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 4/12



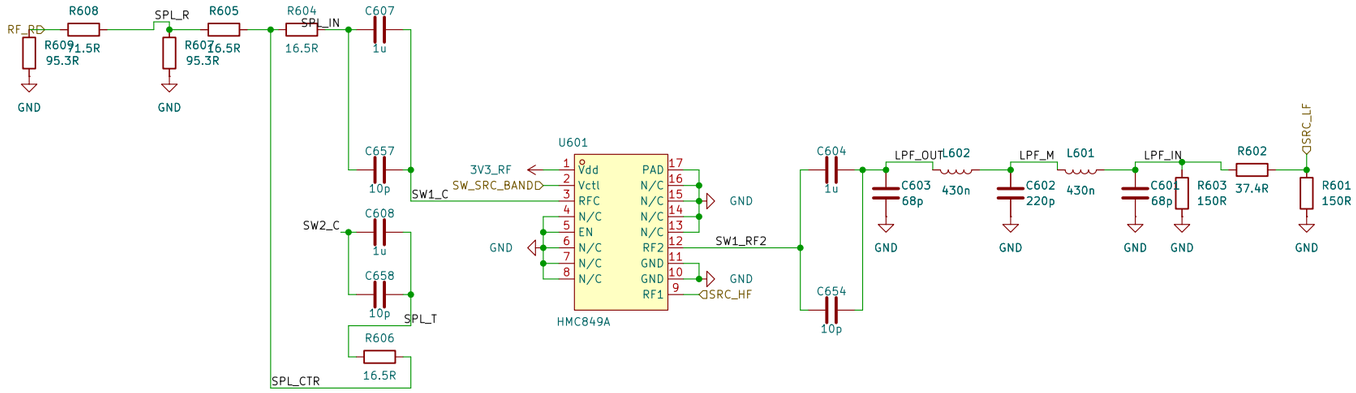
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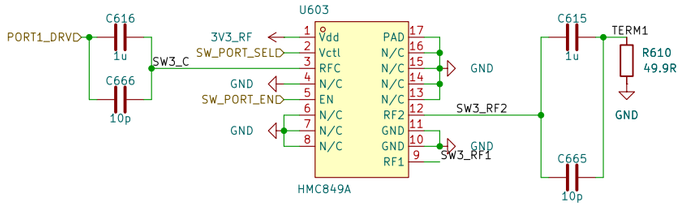
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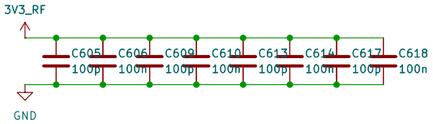
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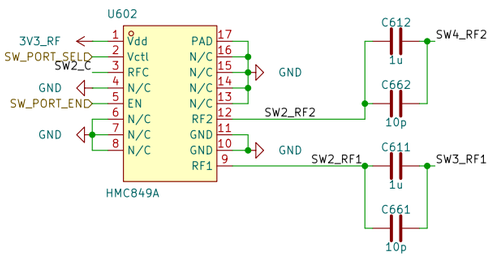
Title: vna: STM32G474: USB, SWD, IF ADCs, monitors, status LED, TMP102

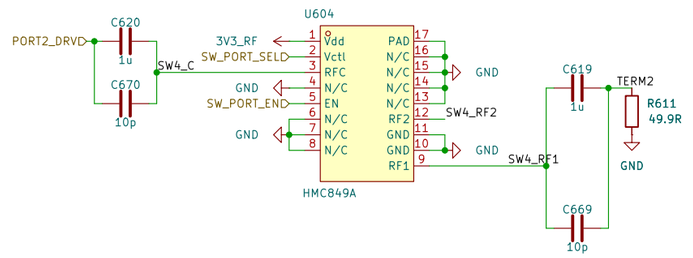
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KiCad E.D.A. 10.0.6		Id: 5/12









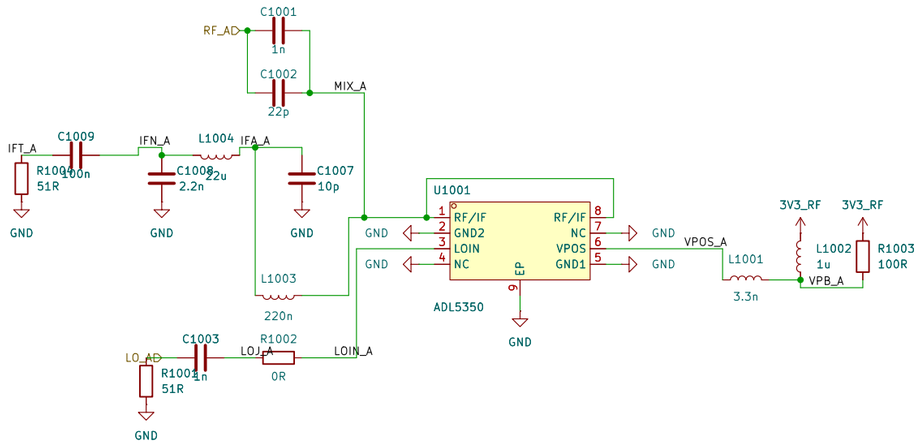


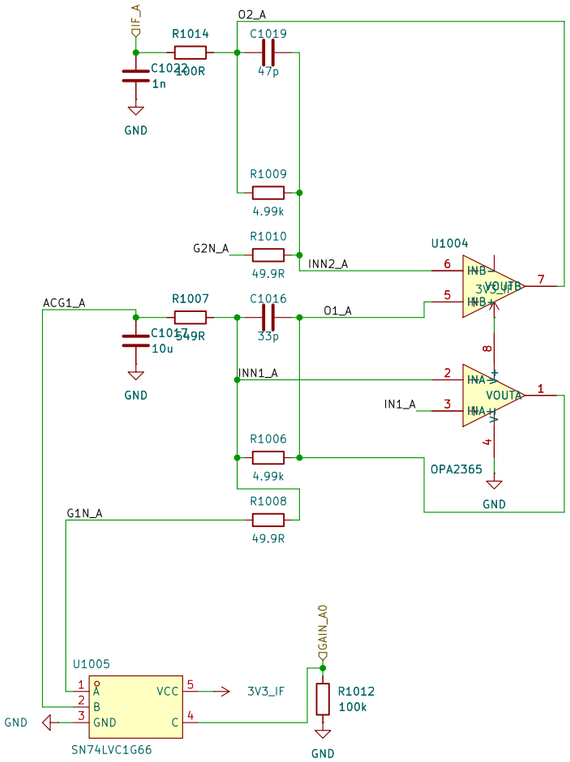
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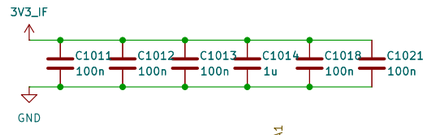
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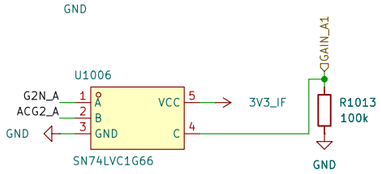
Title: vna: source band switch, filter, R splitter, transfer switch

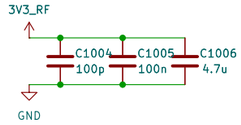
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KiCad E.D.A. 10.0.6		Id: 6/12

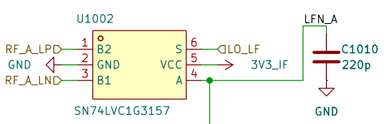


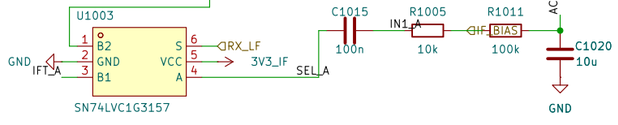




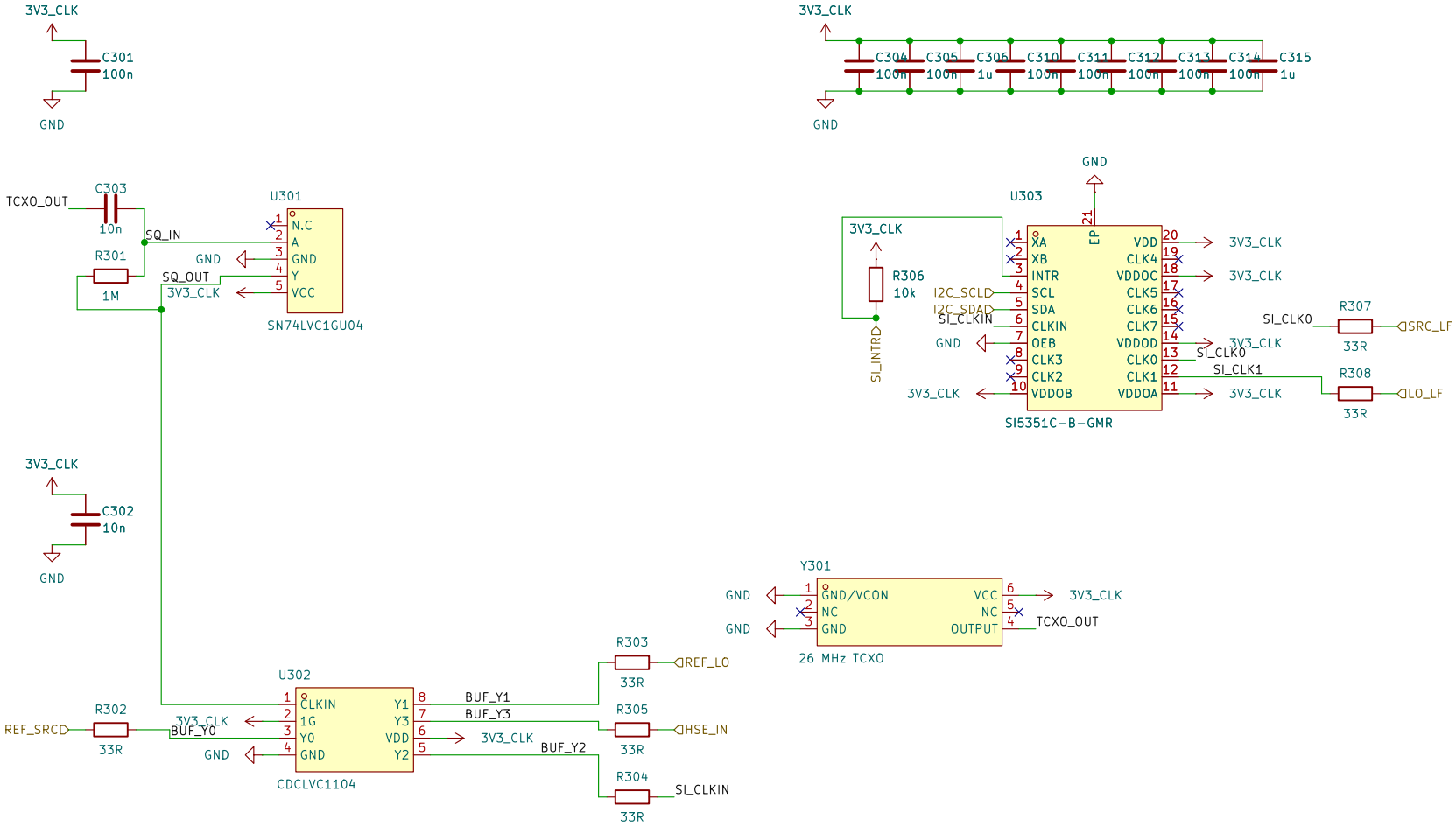




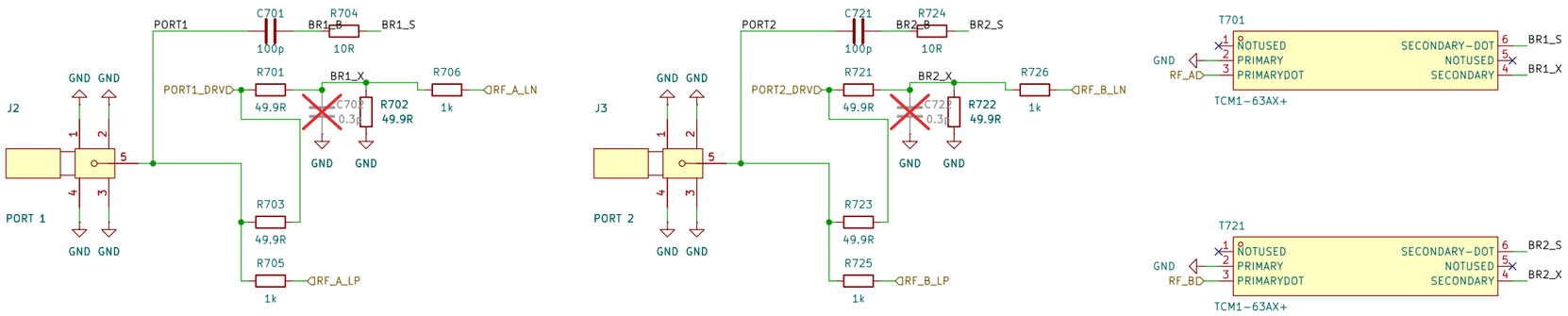




hwde		
Sheet: /rx_a/		
File: rx_a.kicad_sch		
Title: vna: receiver A: ADL5350, IF filter, switched-gain IF amp		
Size: A3	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 7/12



hwde		
Sheet: /clock/		
File: clock.kicad_sch		
Title: vna: 26 MHz TCXO, squarer, 1:4 buffer, Si5351C (low-band source and		
Size: A4	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 8/12

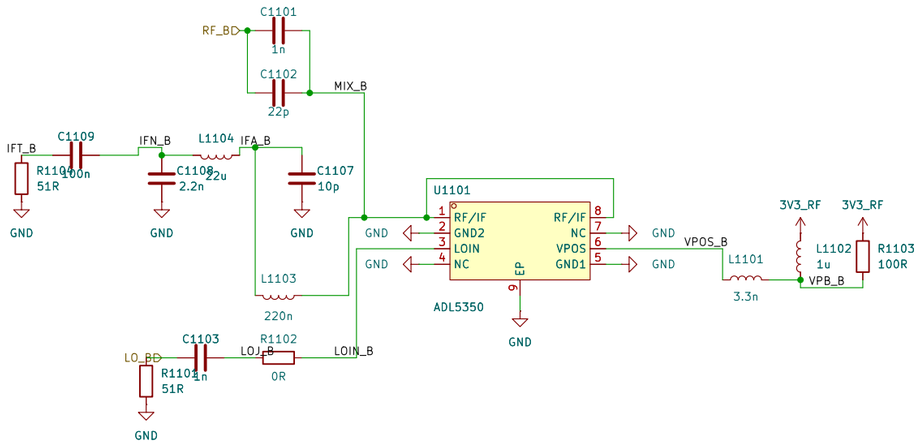


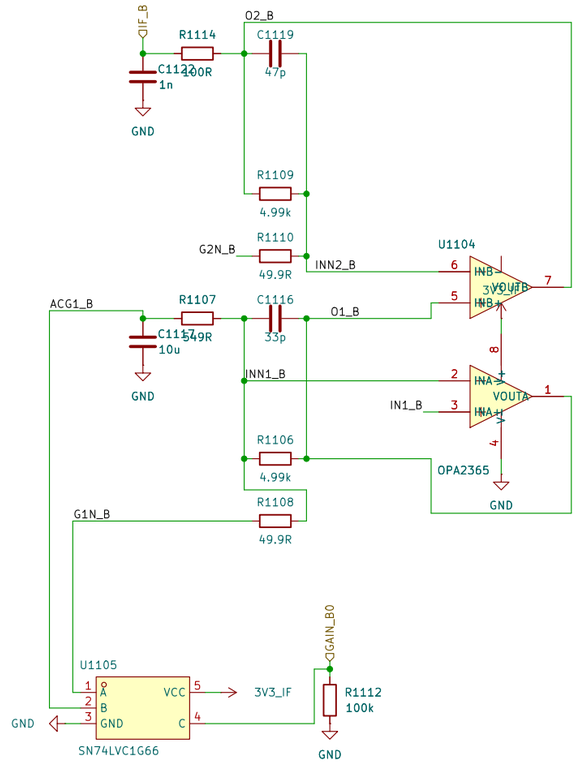
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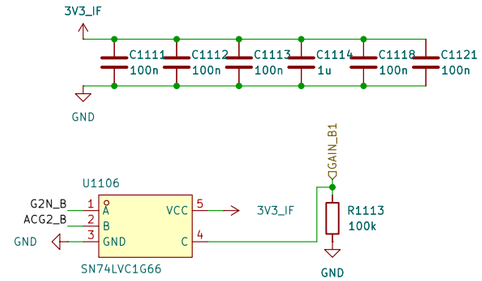
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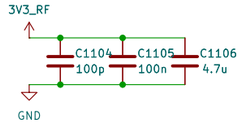
Title: vna: port bridges and SMA ports 1 and 2

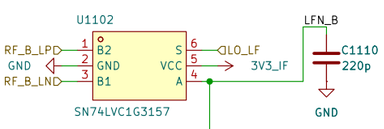
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KiCad E.D.A. 10.0.6		Id: 9/12

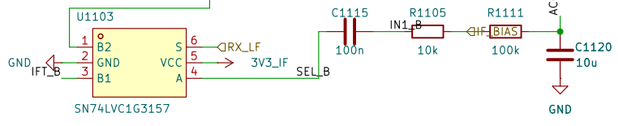












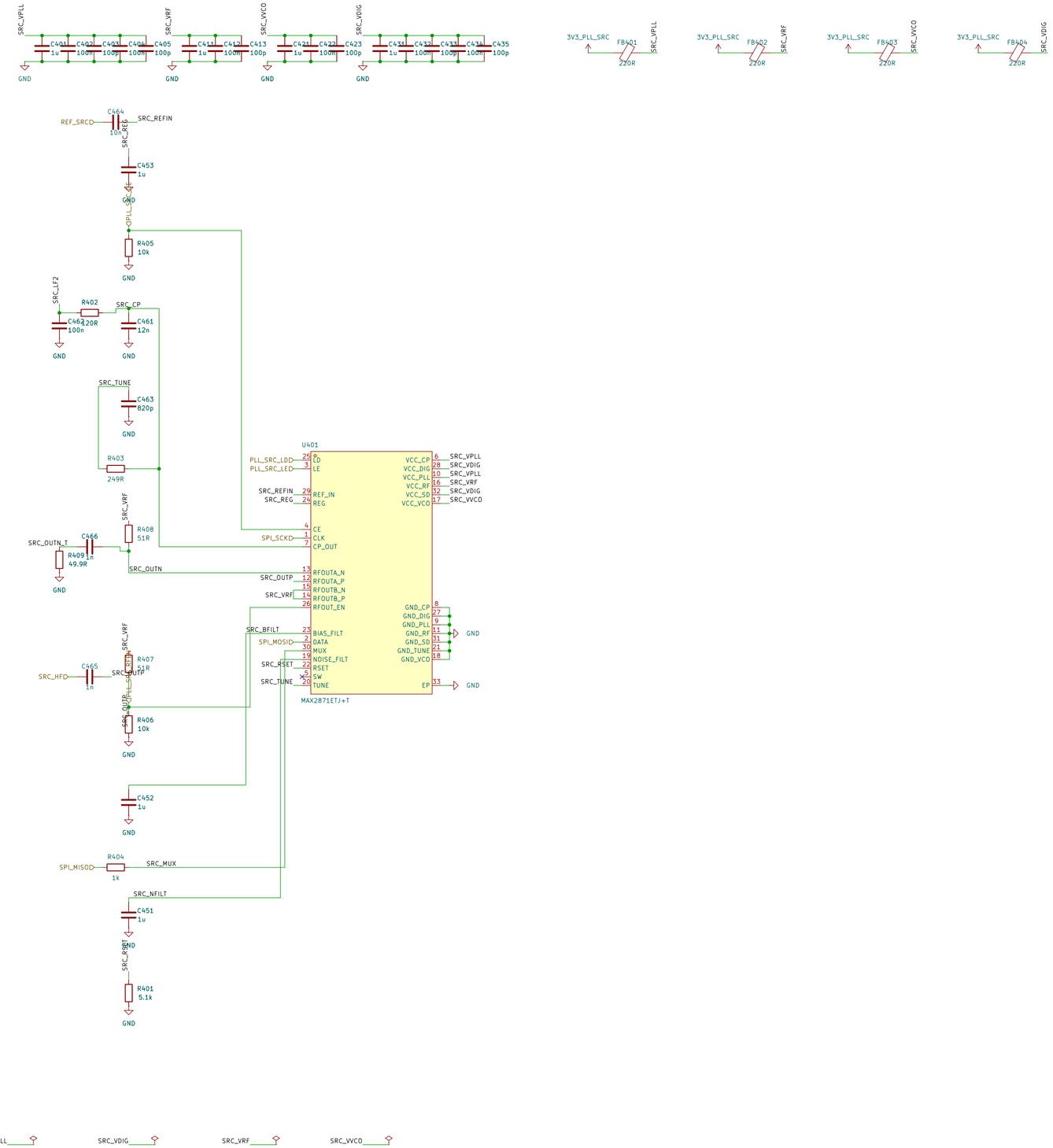
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Sheet: /rx_b/

File: rx_b.kicad_sch

Title: vna: receiver B: ADL5350, IF filter, switched-gain IF amp

Size: A3	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 10/12

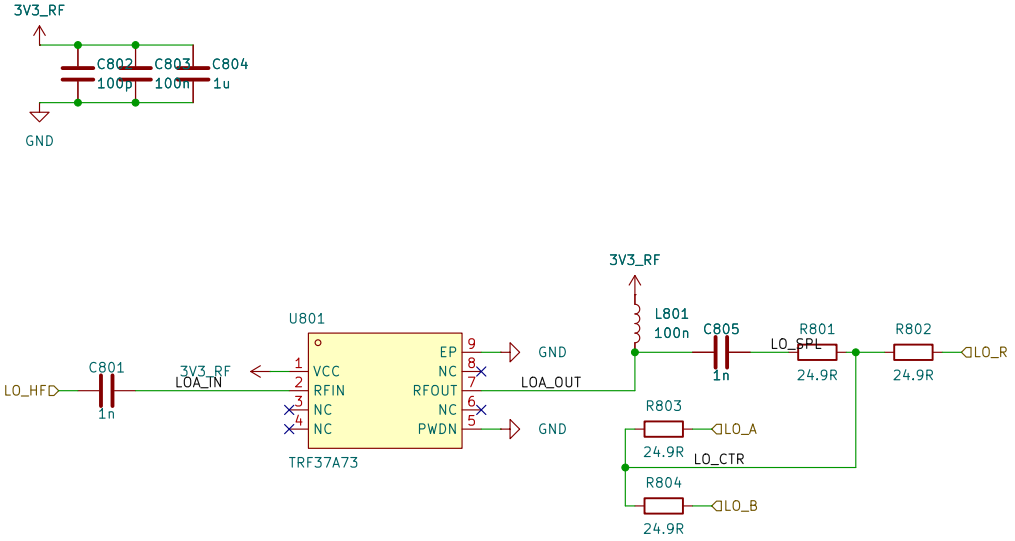


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Sheet: /pll_src/
File: pll_src.kicad_sch

Title: vna: MAX2871 #1: source synthesizer, loop filter, output

Size: A2	Date:	Rev: 1
KiCad E.D.A. 10.0.6		Id: 11/12



hwde		
Sheet: /lo/		
File: lo.kicad_sch		
Title: vna: LO amplifier, 3-way LO splitter		
Size: A5	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 12/12