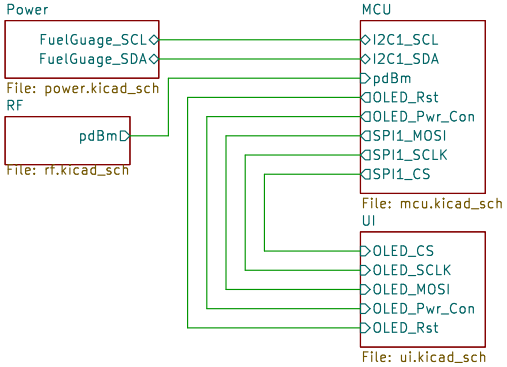
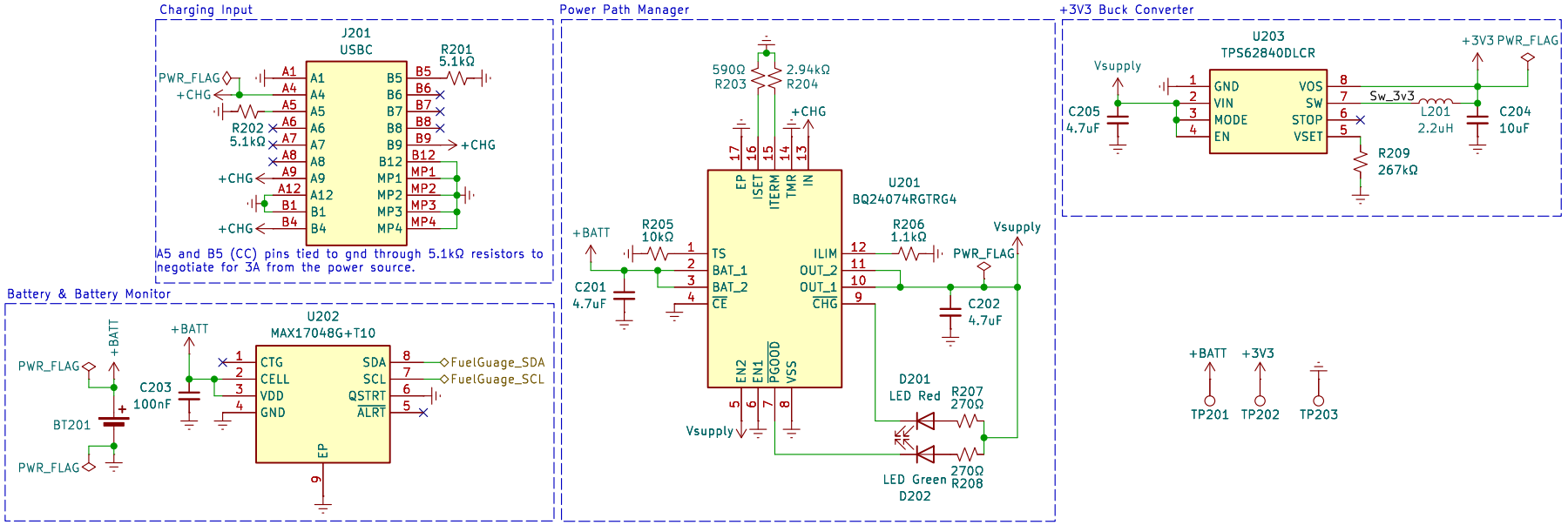


H101 MountingHole
H102 MountingHole
H103 MountingHole
H104 MountingHole

Sheet: /
File: sniffRF.kicad_sch

Title: sniffRF_900MHz

Size: A4	Date: 2025-11-02	**Rev: 0**
KiCad E.D.A. 9.0.2		Id: 1/5



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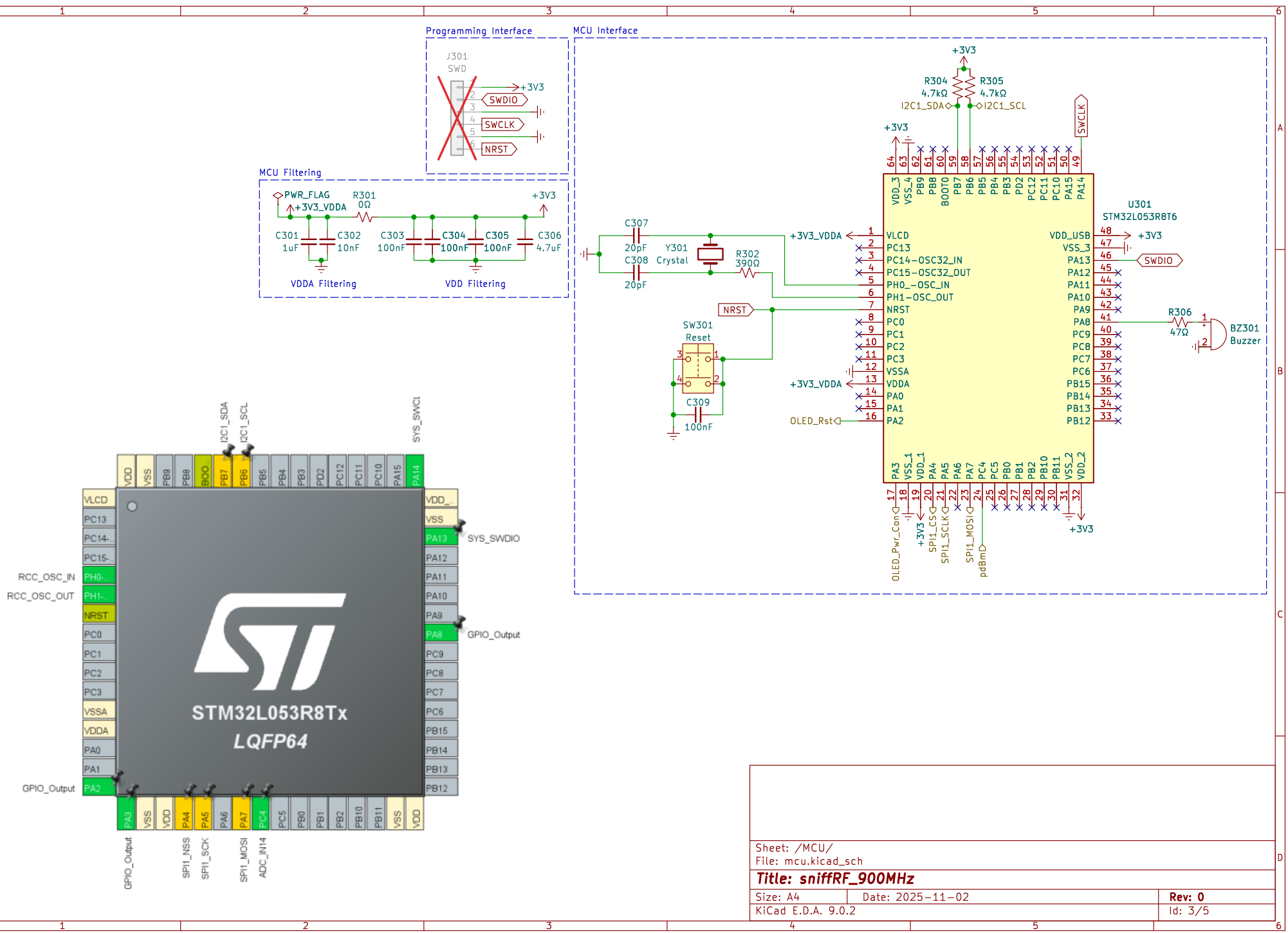
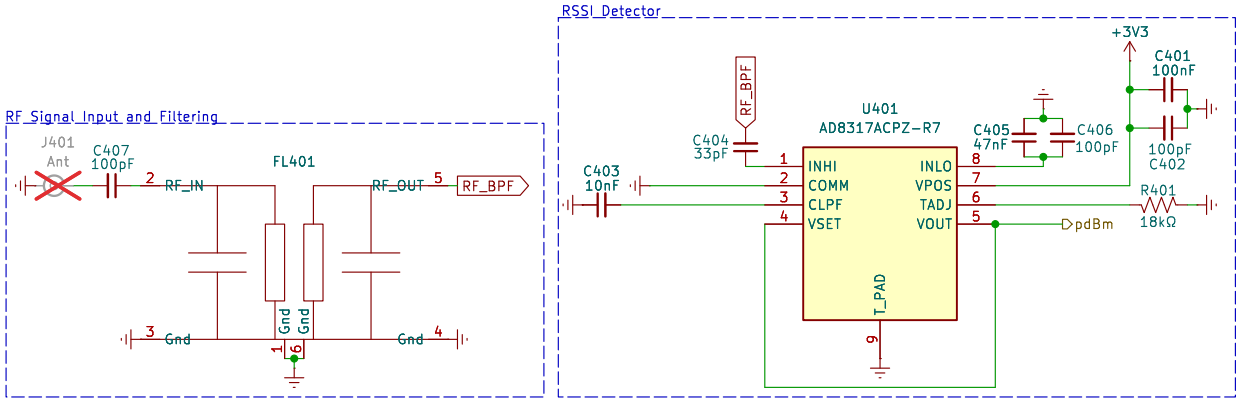
File: power.kicad_sch		
Title: sniffRF_900MHz		
Size: A4	Date: 2025-11-02	**Rev: A**
KiCad E.D.A. 9.0.2		Id: 2/5

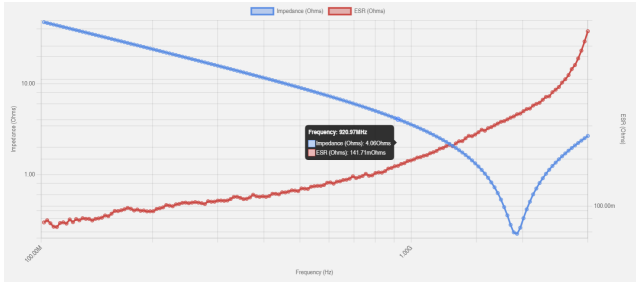


Sheet: /MCU/		
File: mcu.kicad_sch		
Title: sniffRF_900MHz		
Size: A4	Date: 2025-11-02	**Rev: 0**
KiCad E.D.A. 9.0.2		Id: 3/5



33pF Yageo CC0402JRNP09BN330 Specs

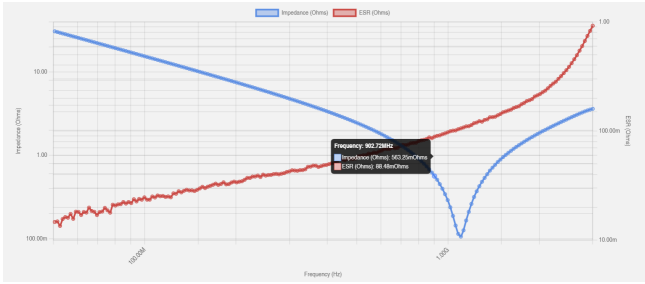
AD8317 Input Coupling



~4Ω Impedance at ~920Mhz, SRF at 1.93GHz

100pF Yageo CC0402JRNP09BN101 Specs

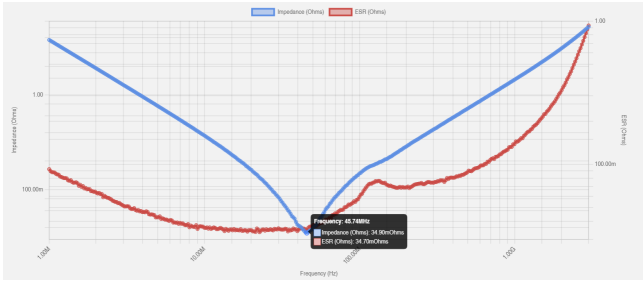
AD8317 Output Shunt



~0.563Ω Impedance at ~900Mhz, SRF at 1.08GHz

47nF Yageo CC0603KRX7R9BB473 Specs

AD8317 Output Low Freq Shunt



SRF at 48MHz

Sheet: /RF/		
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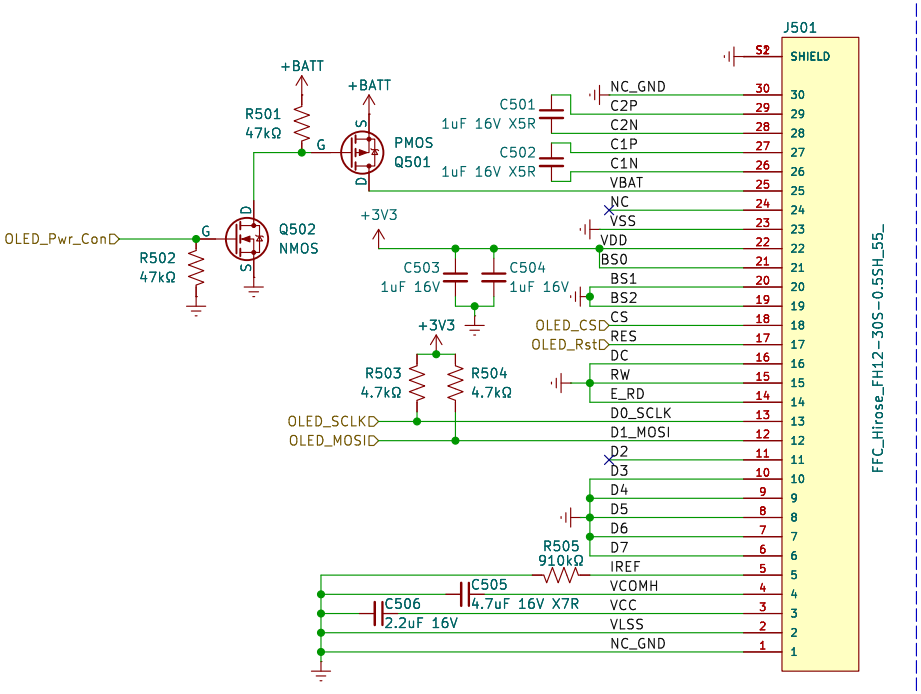
Title: sniffRF_900MHz		
Size: A4	Date: 2025-11-02	**Rev: 0**
KiCad E.D.A. 9.0.2		Id: 4/5

OLED Module
Wisevision
N096-2864KSWEG01-H30
C2890596

OLED_FFC_Connector



Sheet: /UI/
File: ui.kicad_sch

Title: sniffRF_900MHz

Size: A4	Date: 2025-11-02	**Rev: 0**
KiCad E.D.A. 9.0.2		Id: 5/5