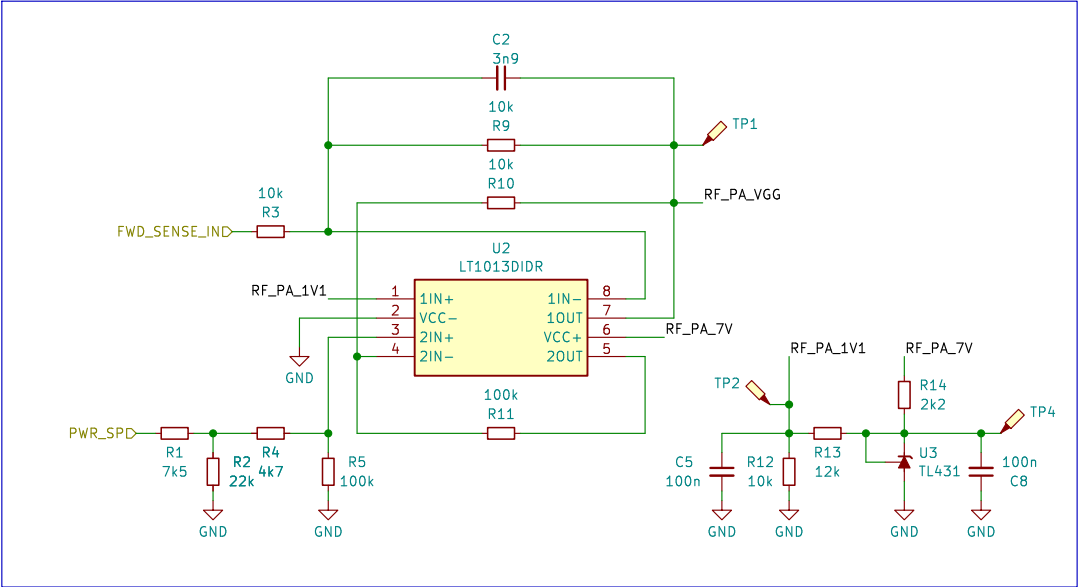
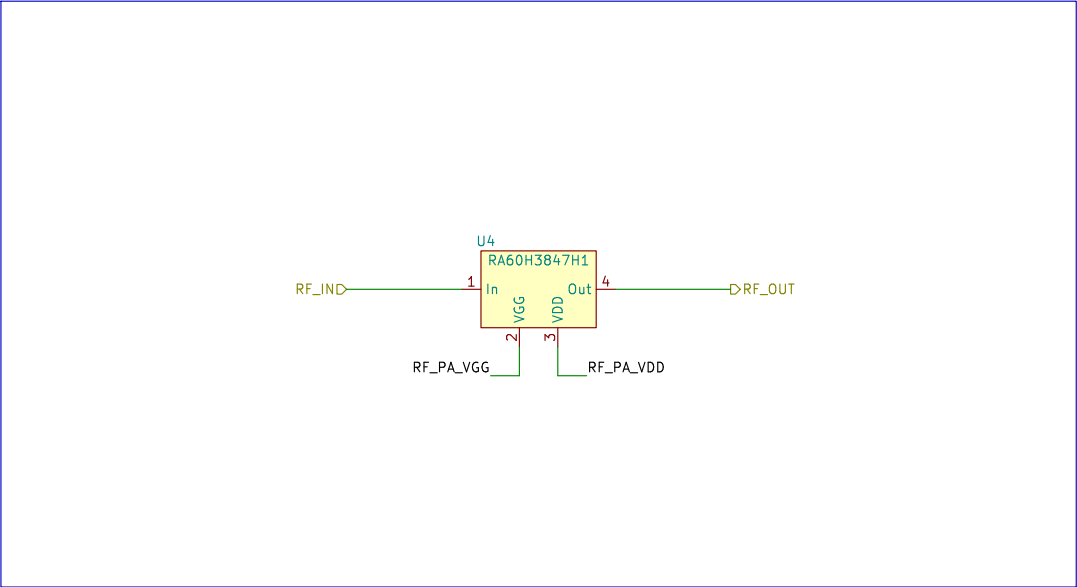


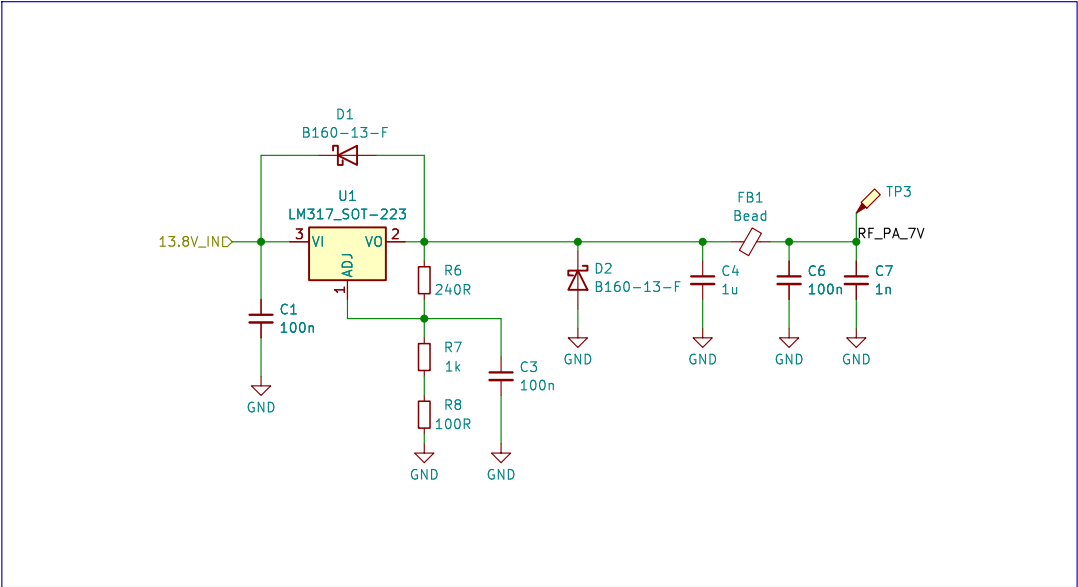
ALC



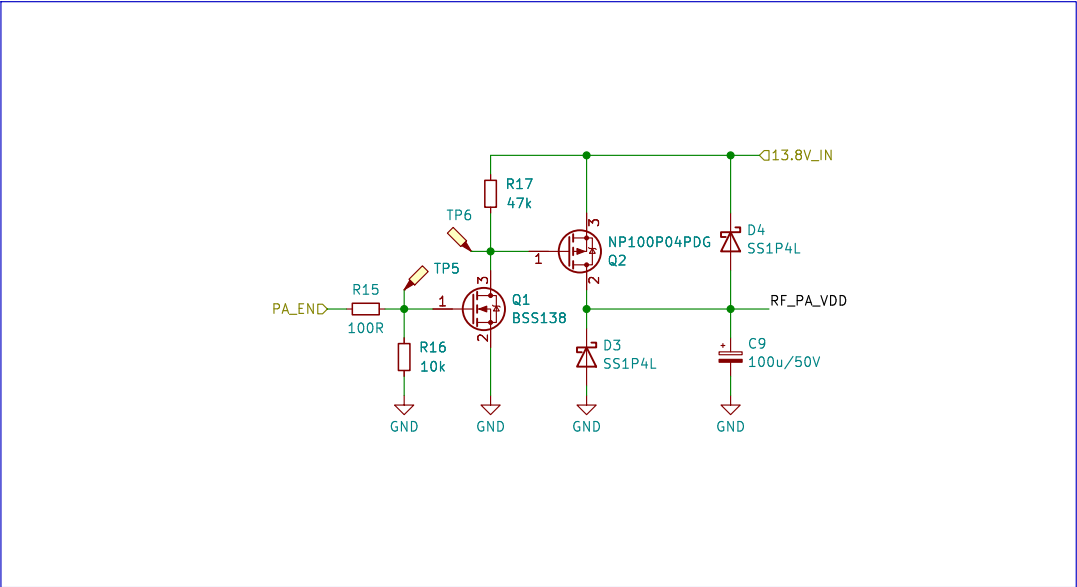
RF PA



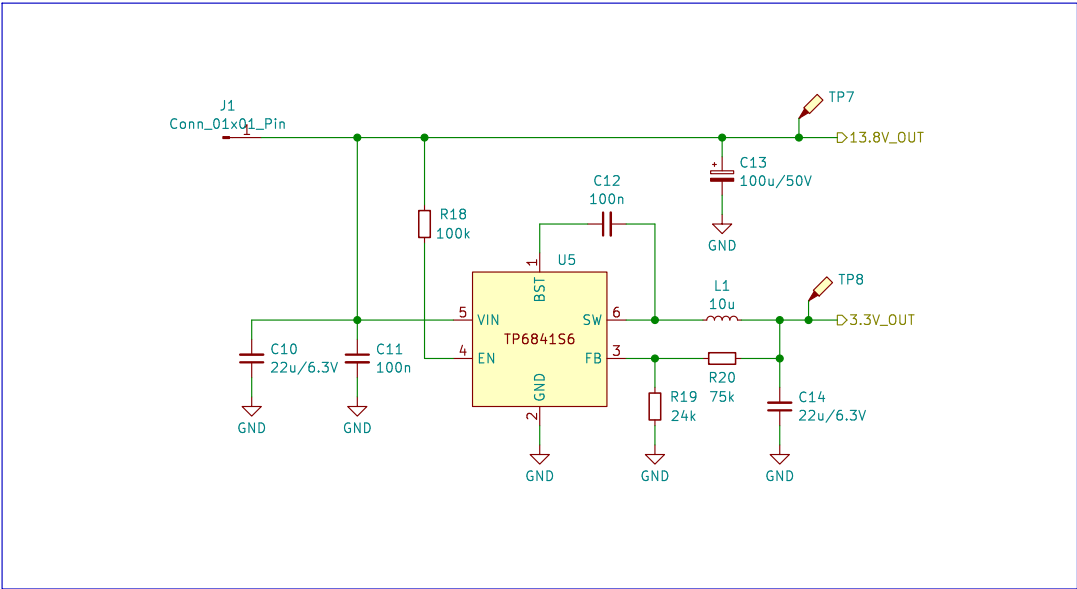
Voltage reg.



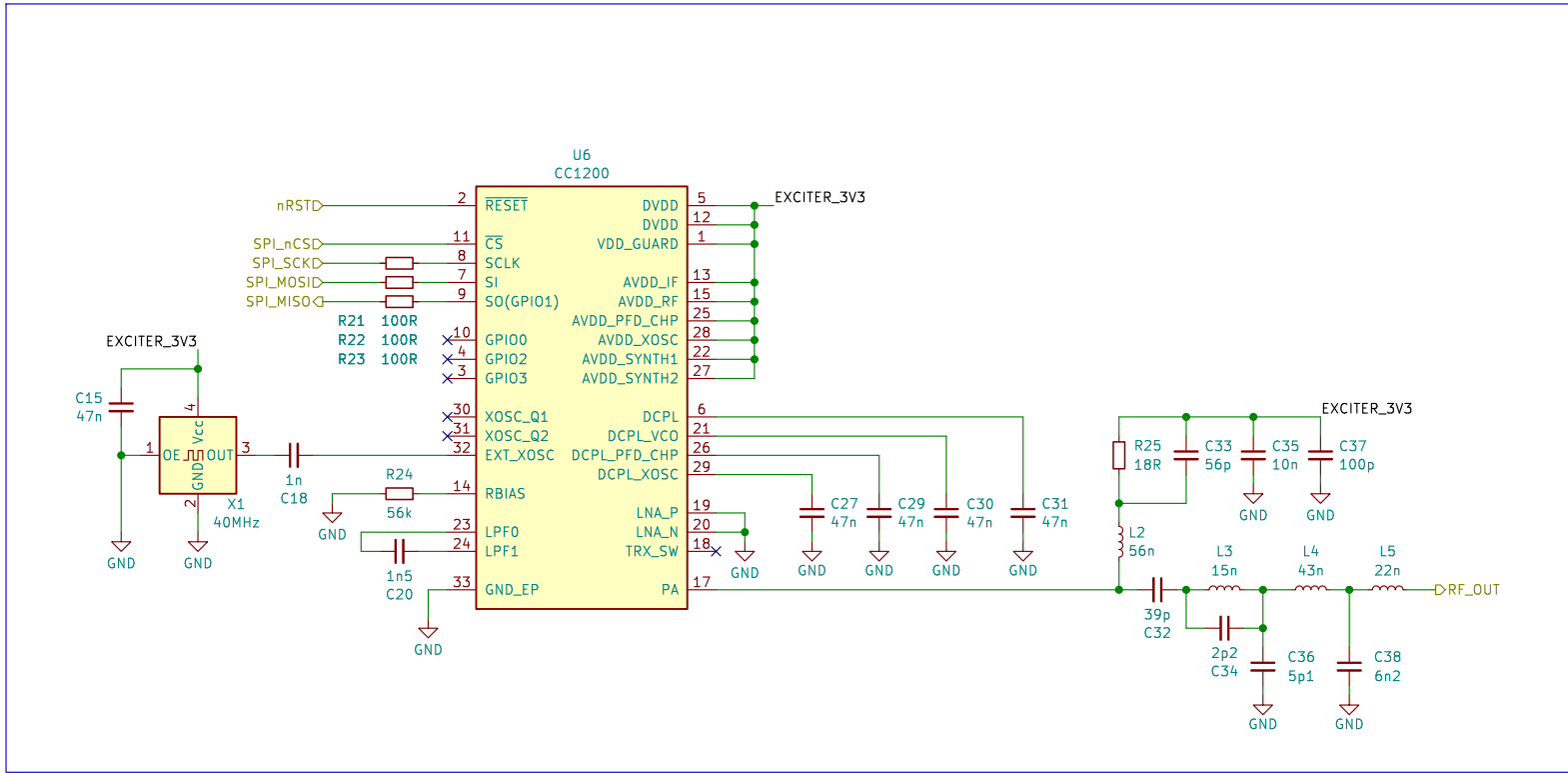
Supply switching



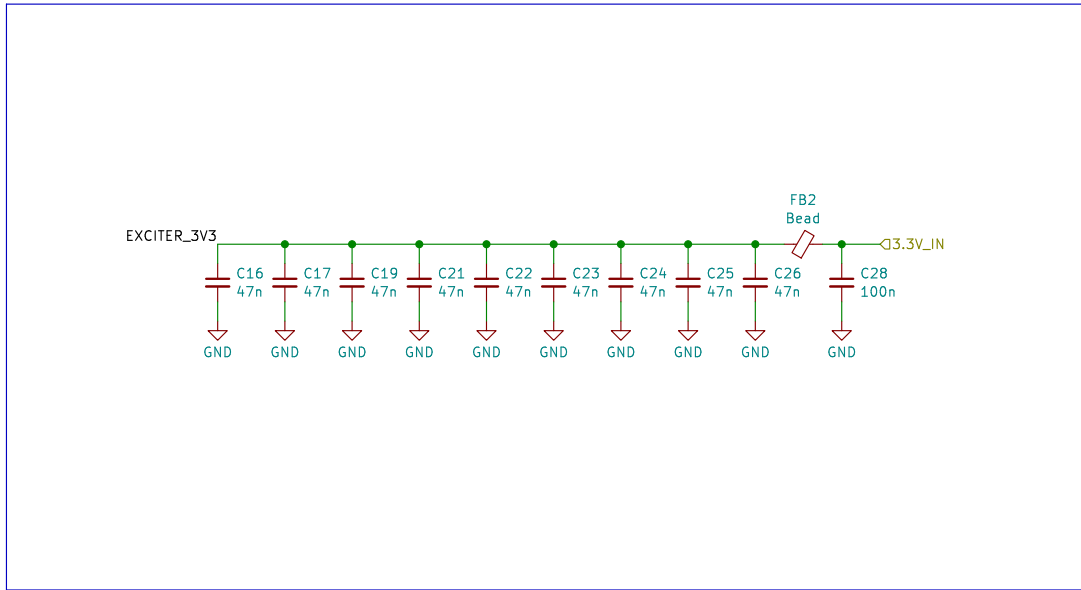
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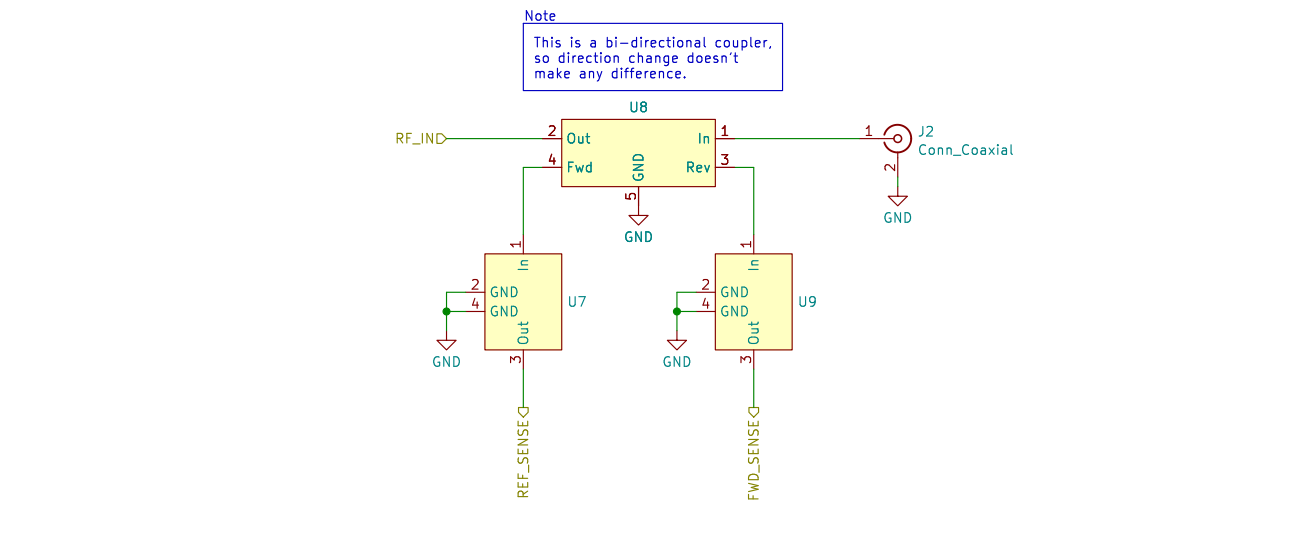


Exciter



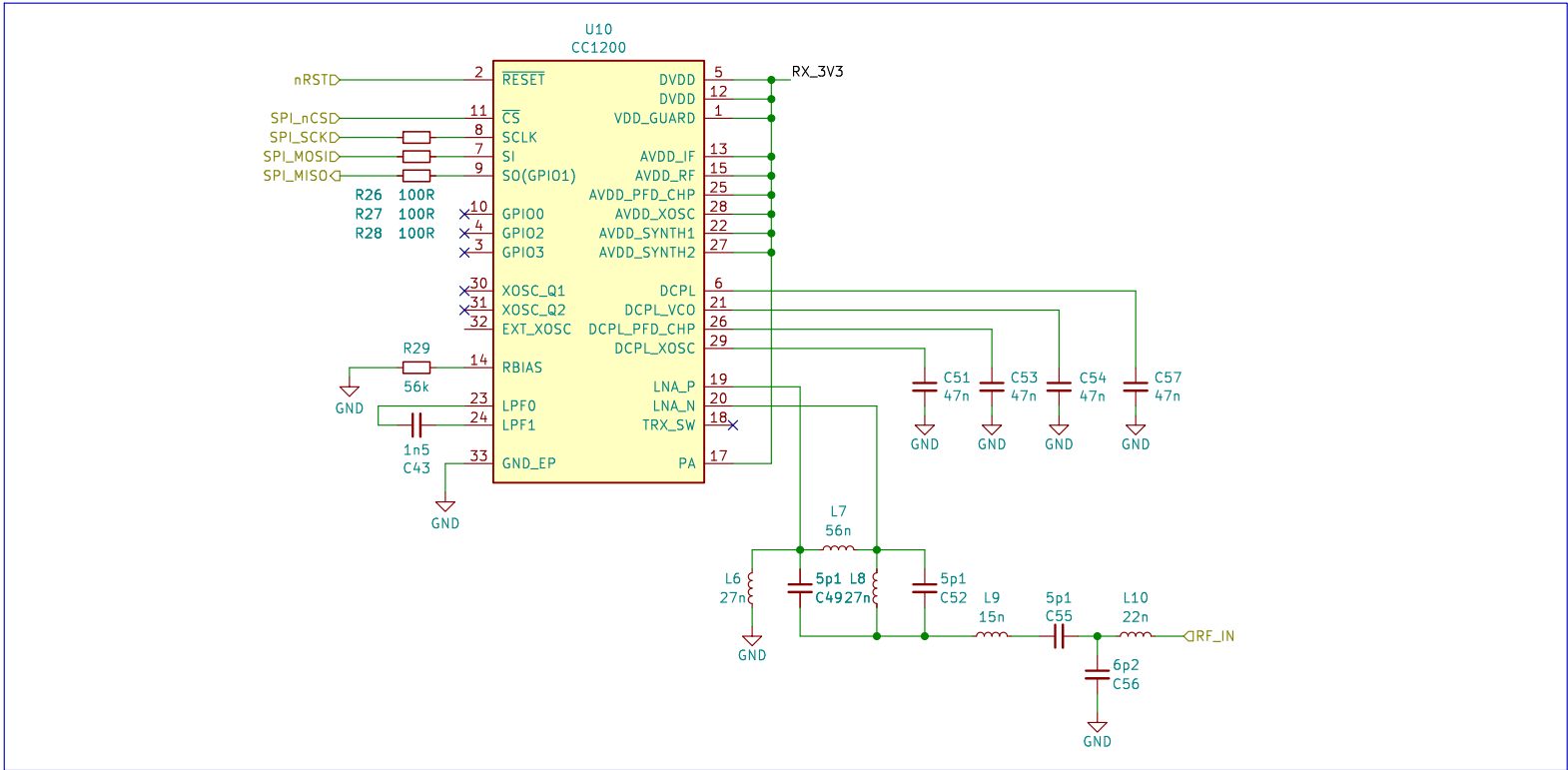
Decoupling



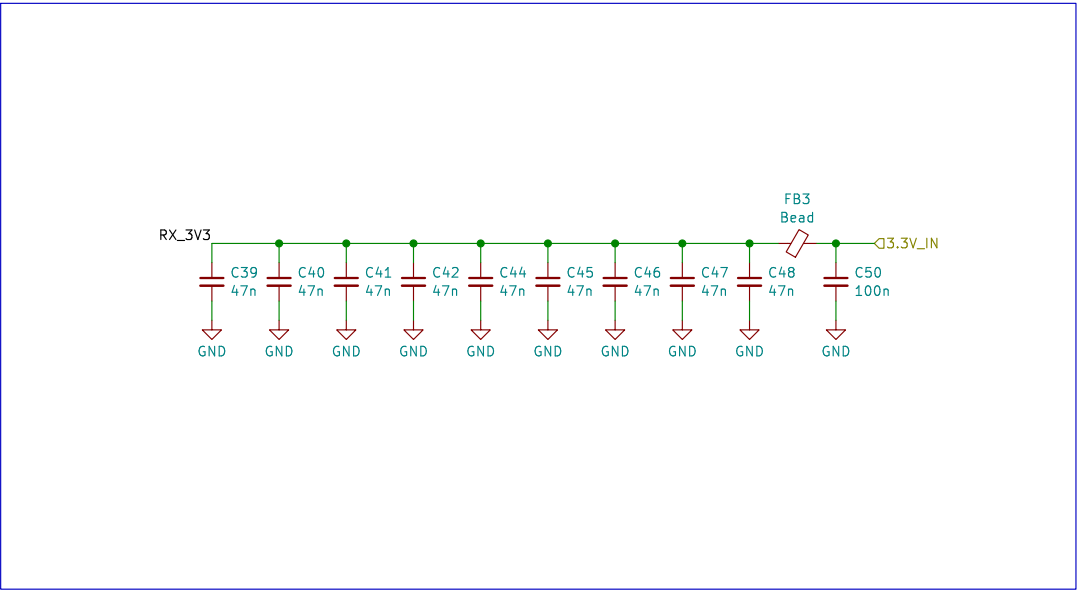


Id: 5/11

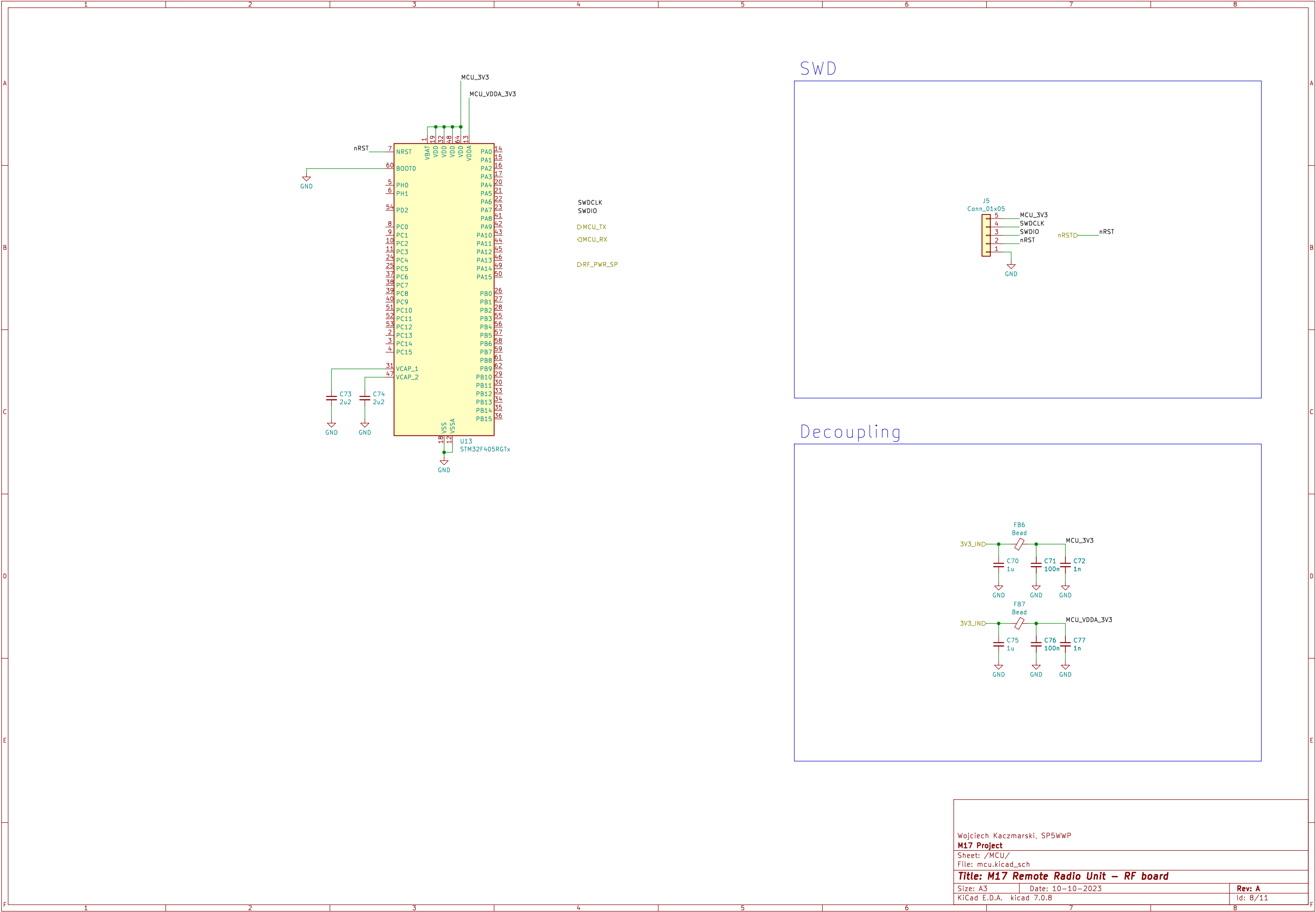
Receiver



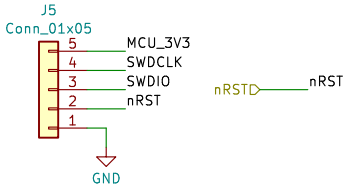
Decoupling



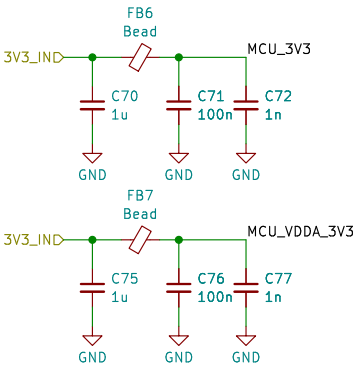
The schematic shows the power supply for the RF_DET_3V3 component. It starts with a 3V3_IN input, which is connected to a node containing a 1uF capacitor (C58) connected to GND. This node is followed by an FB4 Bead, then another node containing a 100nF capacitor (C61) connected to GND. The output of this network is RF_DET_3V3, which has a 1nF capacitor (C63) connected to GND.

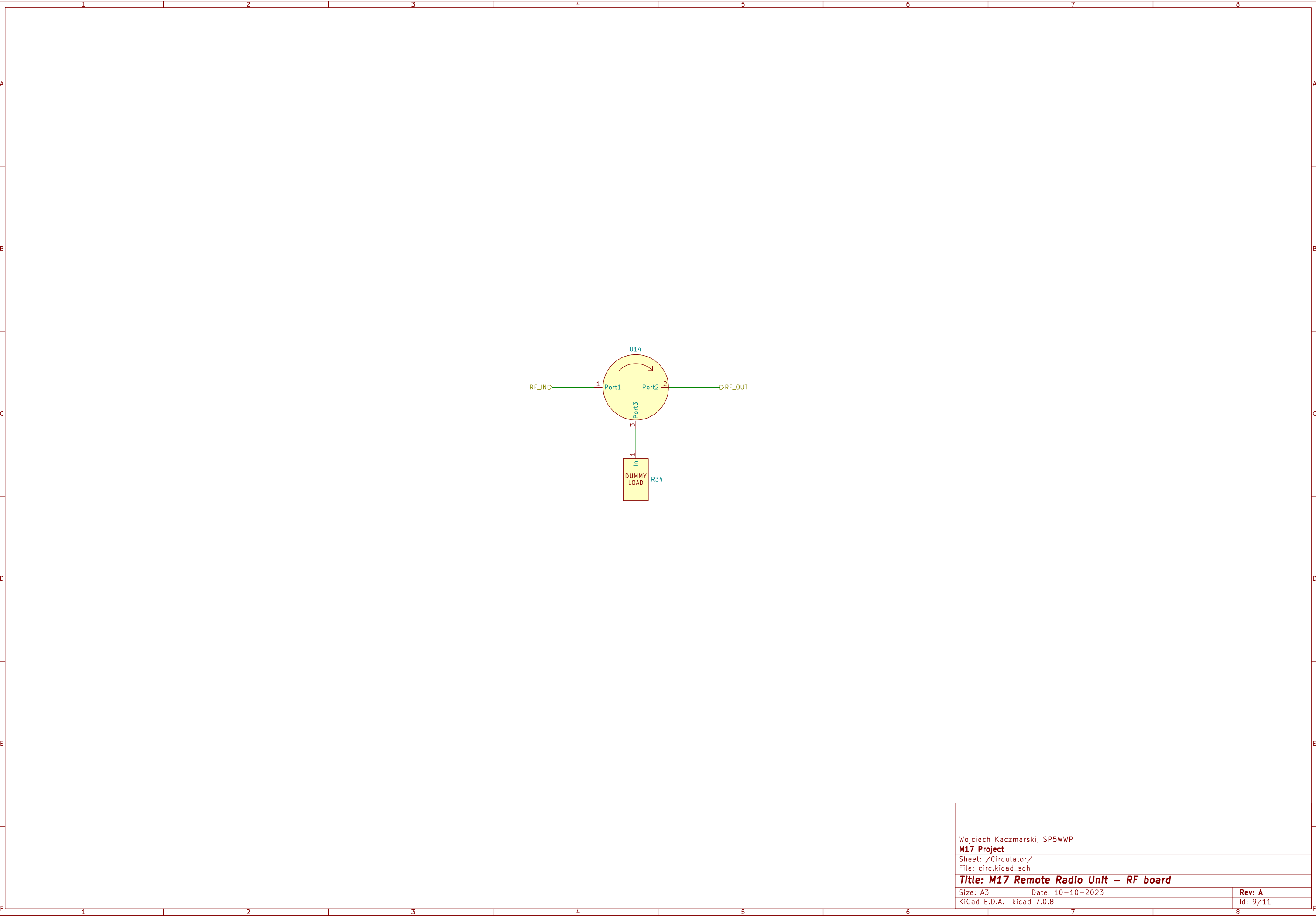


SWD

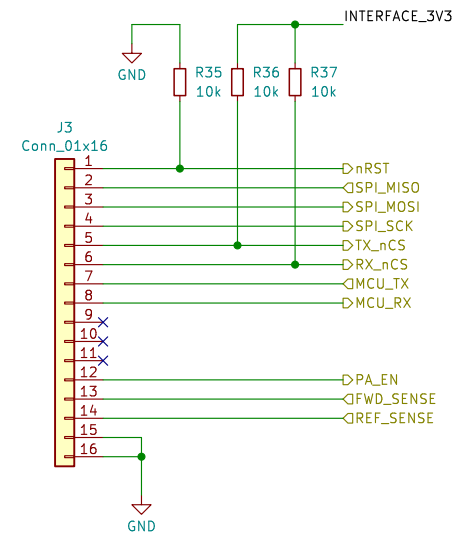


Decoupling

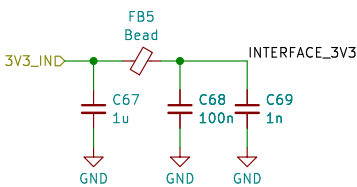




External connector



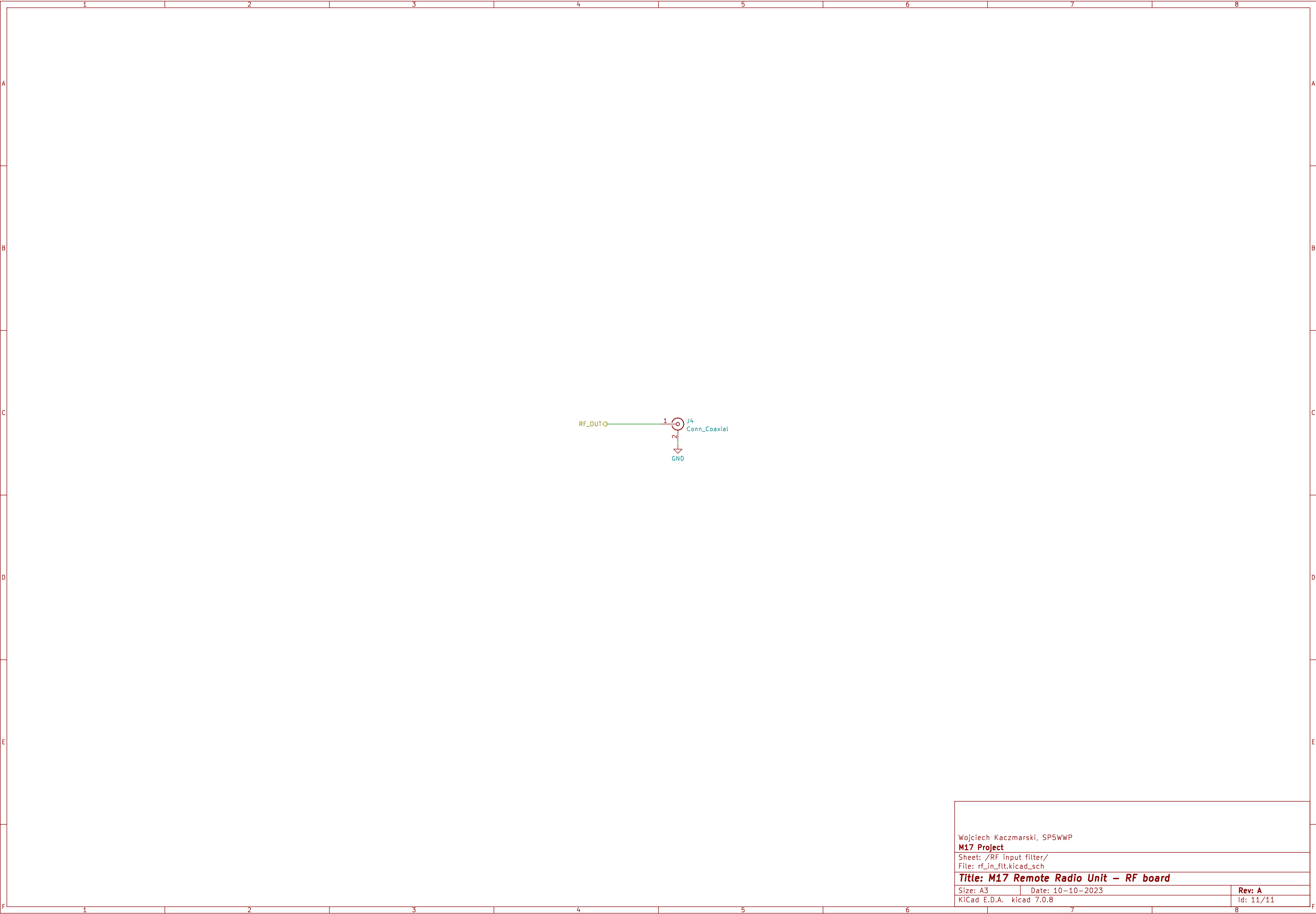
Decoupling



Wojciech Kaczmarek, SP5WWP
M17 Project
Sheet: /Interface/
File: interface.kicad_sch

Title: M17 Remote Radio Unit – RF board

Size: A3	Date: 10-10-2023	Rev: A
KiCad E.D.A. kicad 7.0.8		Id: 10/11



Wojciech Kaczmarek, SP5WWP		
M17 Project		
Sheet: /RF input filter/ File: rf_inflt.kicad_sch		
Title: M17 Remote Radio Unit – RF board		
Size: A3	Date: 10–10–2023	Rev: A
KiCad E.D.A. kicad 7.0.8	Id: 11/11	