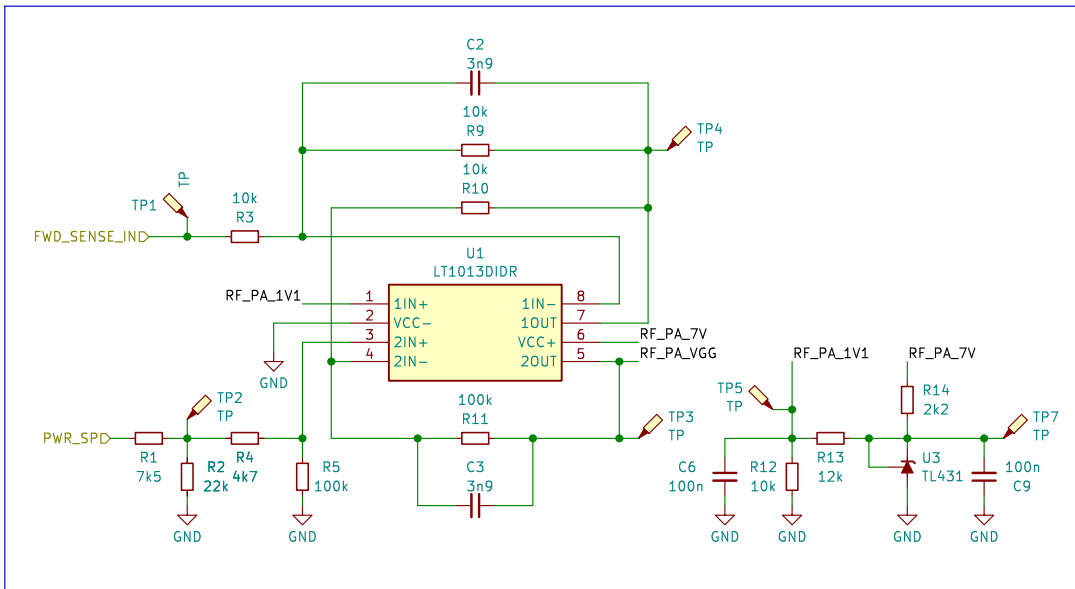
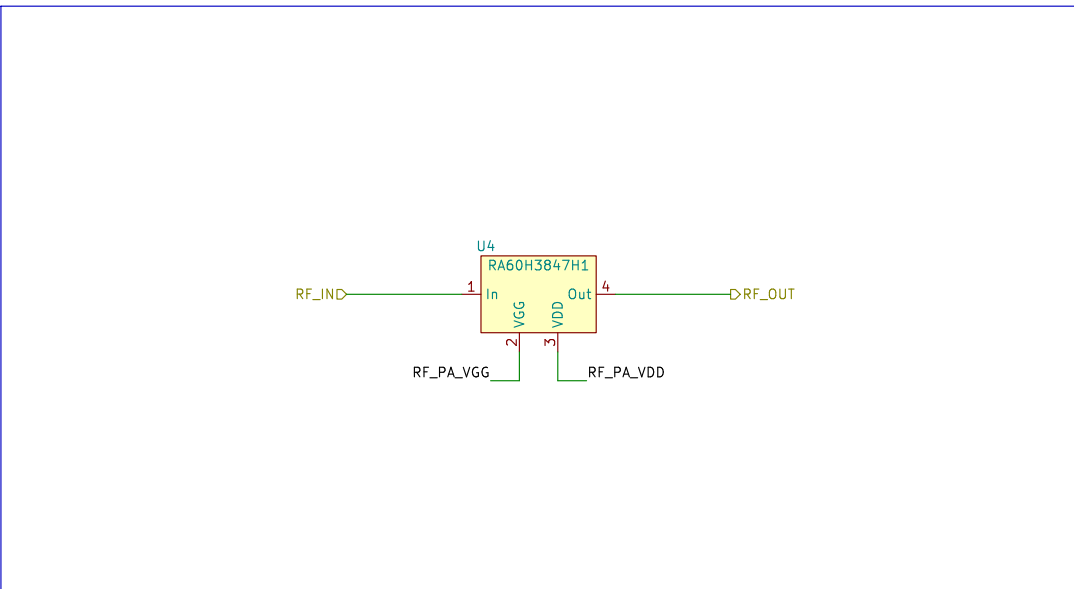


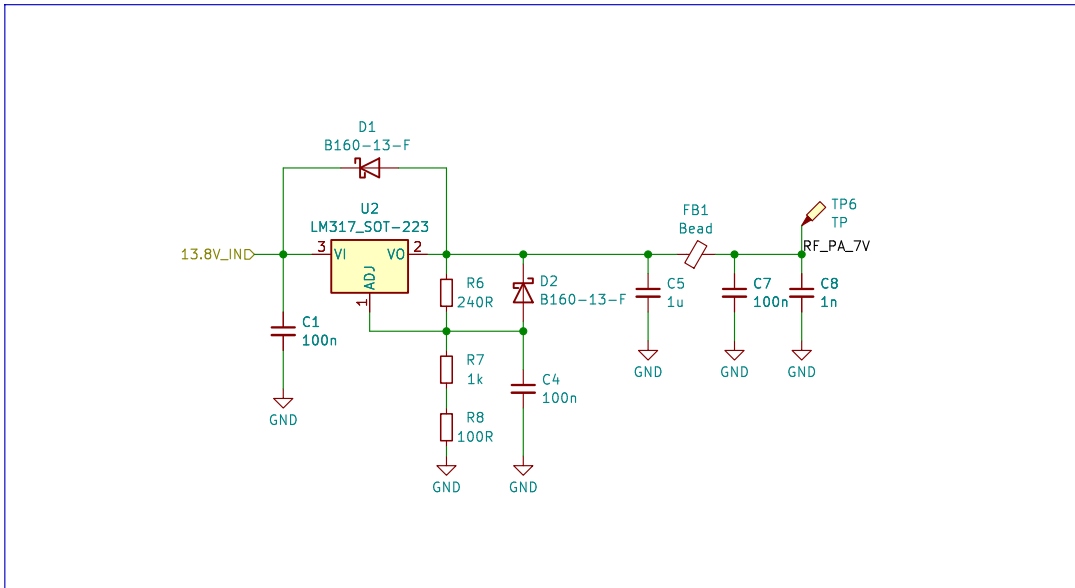
## ALC



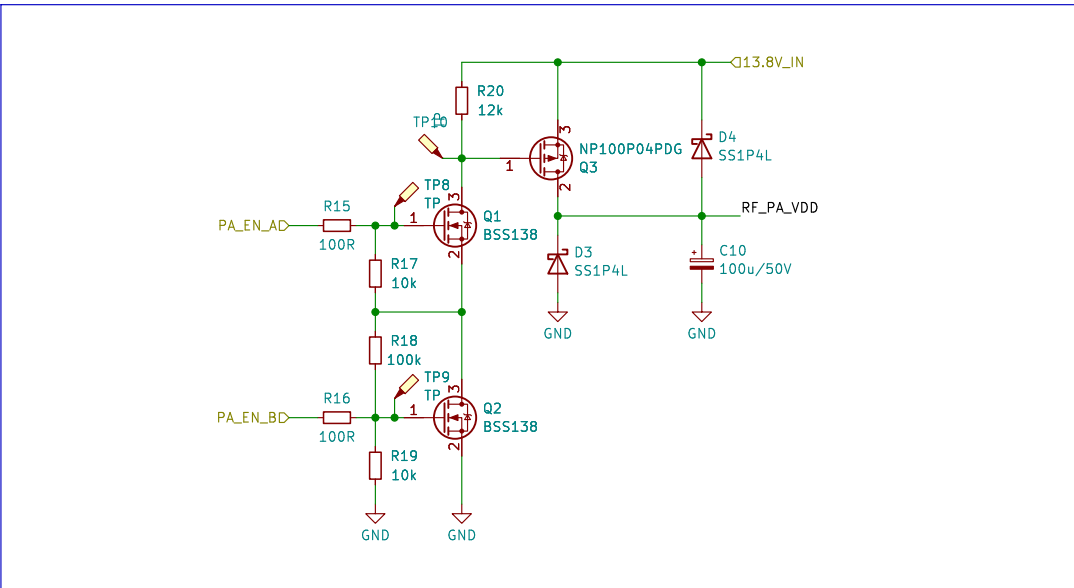
## RF PA



## Voltage reg.



## Supply switching



Wojciech Kaczmarek, SP5WWP

**M17 Project**

Sheet: /RF PA/

File: rf\_pa.kicad\_sch

**Title: M17 Remote Radio Unit – RF board**

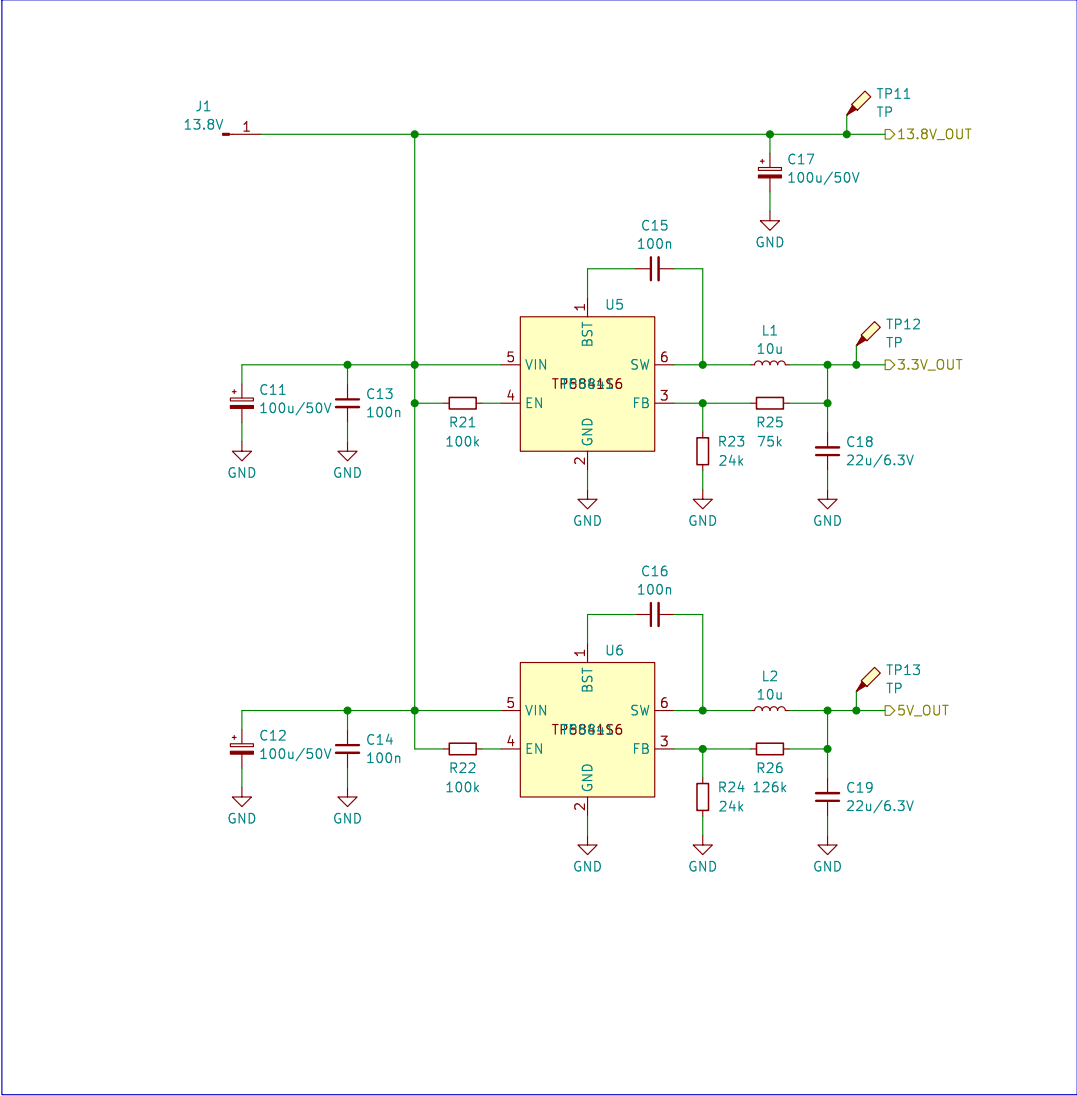
Size: A3 Date: 10-10-2023

Rev: A

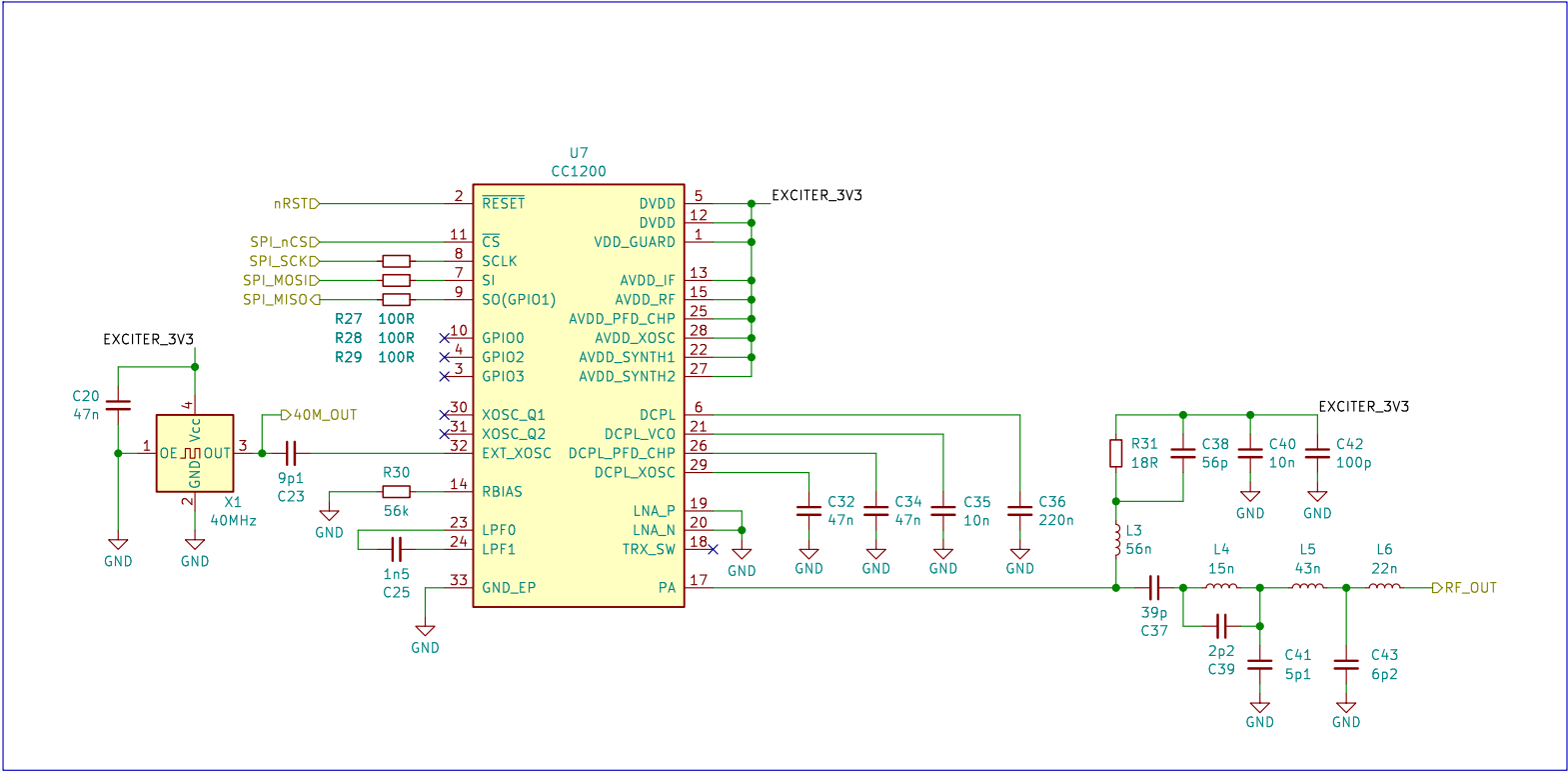
KiCad E.D.A. kicad 7.0.8

Id: 2/11

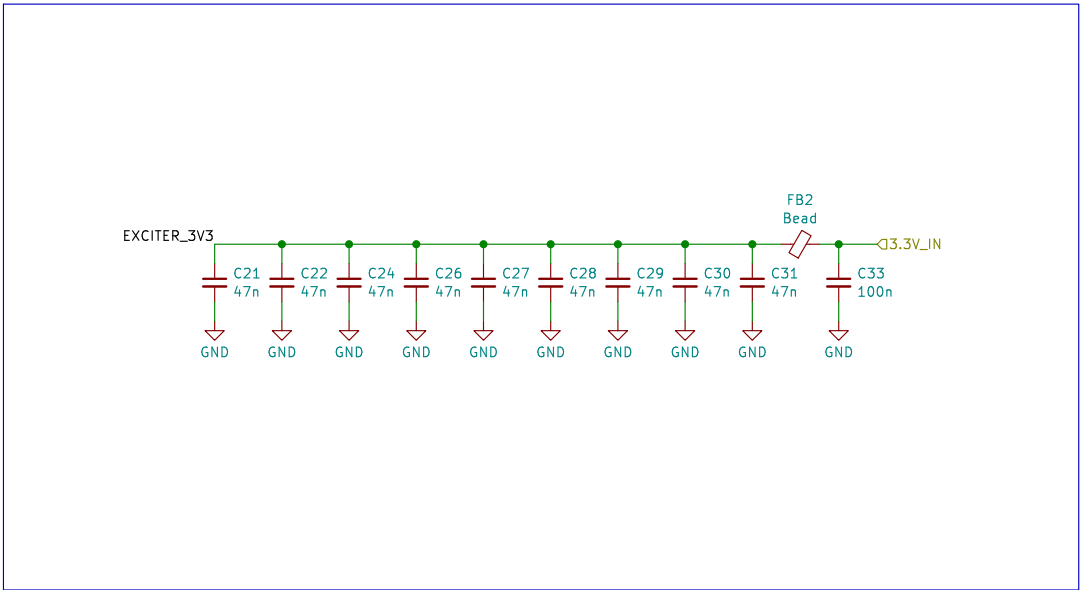
Voltage reg.



Exciter



Decoupling



Wojciech Kaczmarek, SP5WWP

**M17 Project**

Sheet: /Exciter/

File: exciter.kicad\_sch

**Title: M17 Remote Radio Unit – RF board**

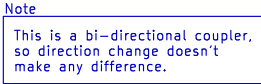
Size: A3

Date: 10-10-2023

Rev: A

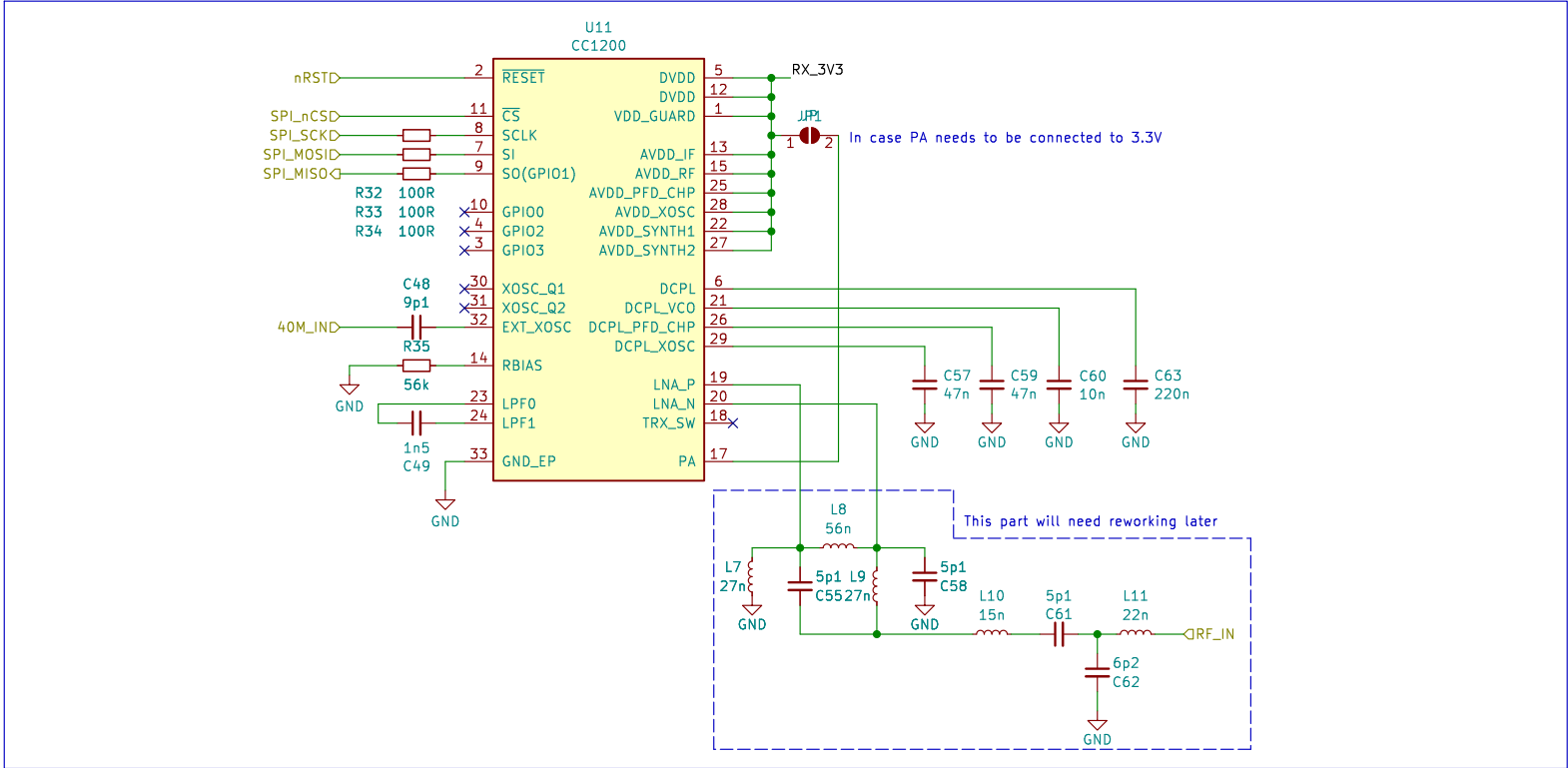
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Id: 4/11

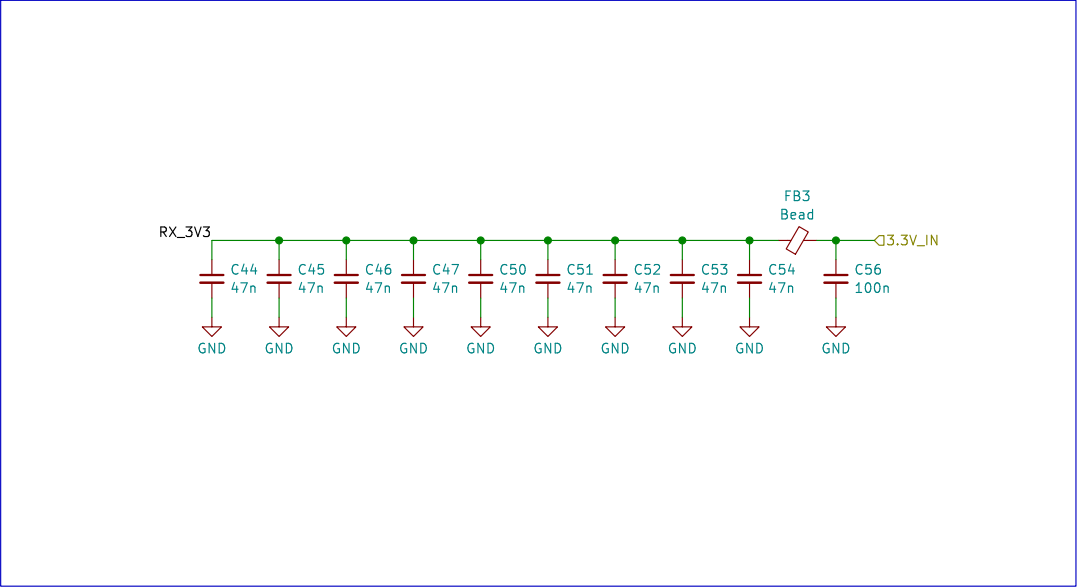


Id: 5/11

Receiver



Decoupling



Wojciech Kaczmarek, SP5WWP

**M17 Project**

Sheet: /Receiver/

File: rx.kicad\_sch

**Title: M17 Remote Radio Unit – RF board**

Size: A3

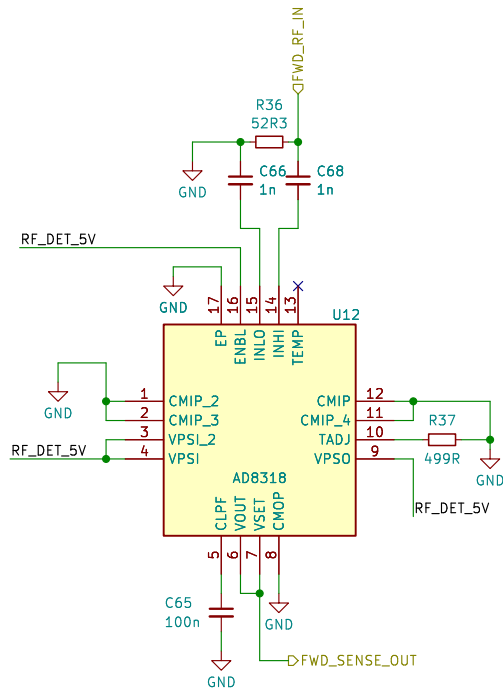
Date: 10–10–2023

Rev: A

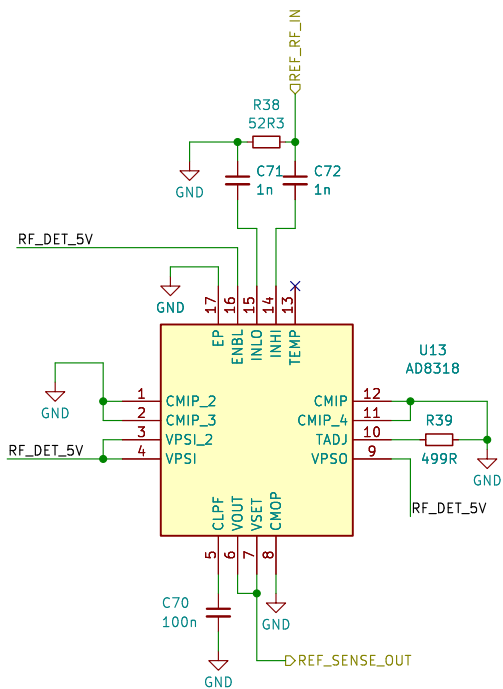
KiCad E.D.A. kicad 7.0.8

Id: 6/11

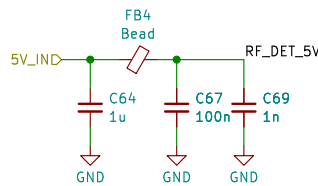
FWD power sense



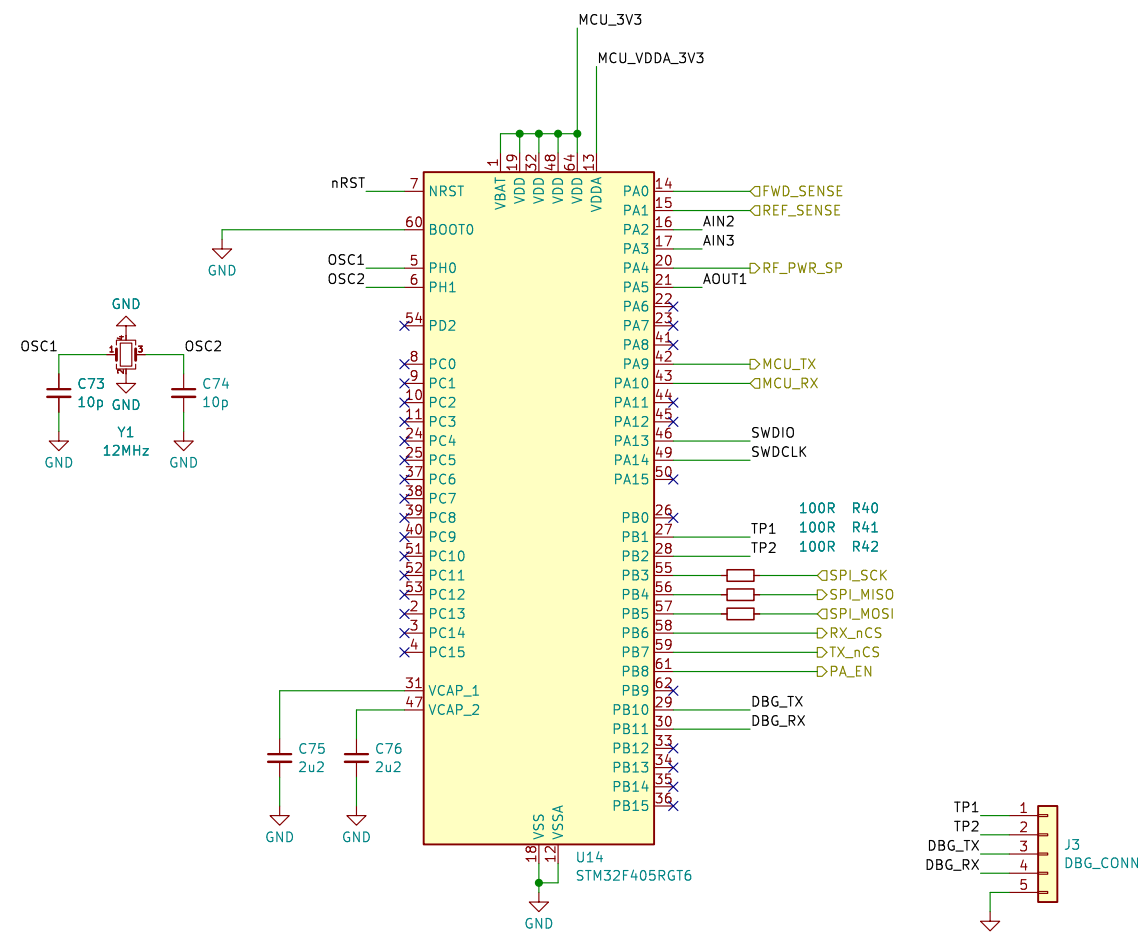
REF power sense



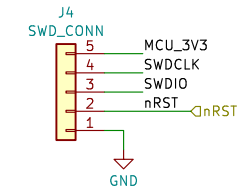
Decoupling



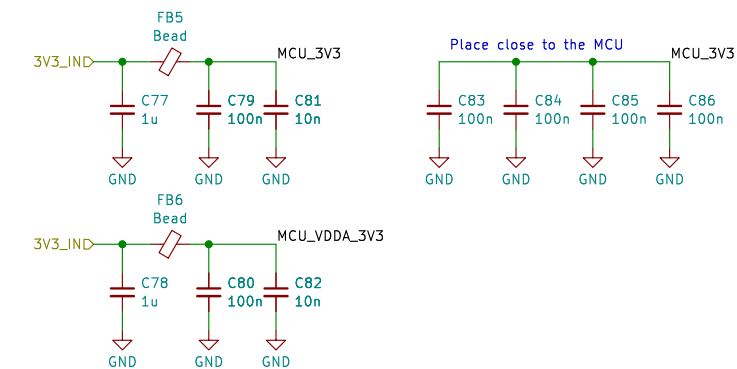
## MCU



## SWD



## Decoupling



Wojciech Kaczmarek, SP5WWP

**M17 Project**

Sheet: /MCU/

File: mcu.kicad\_sch

**Title: M17 Remote Radio Unit – RF board**

Size: A3

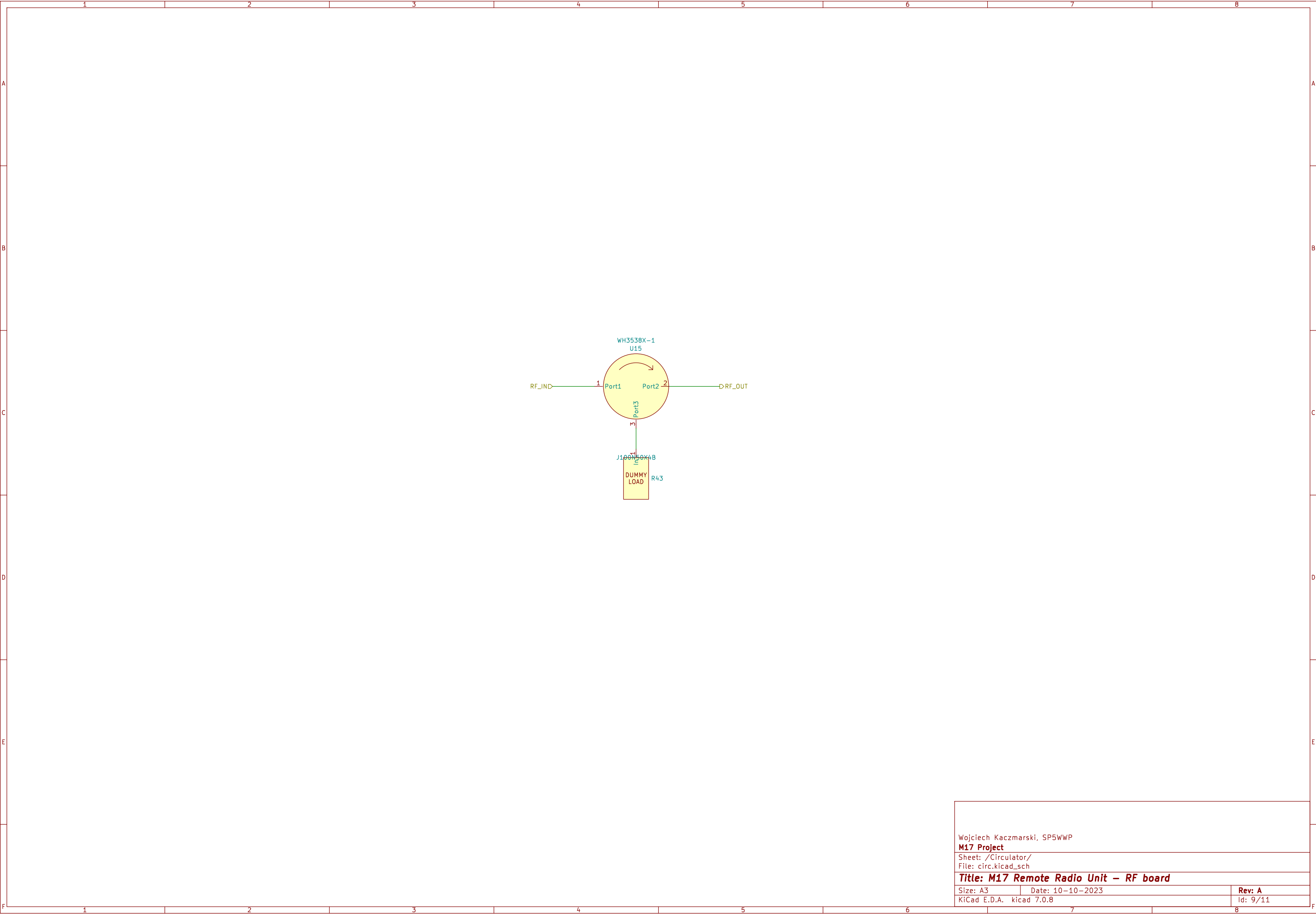
Date: 10-10-2023

Rev: A

KiCad E.D.A. kicad 7.0.8

Id: 8/11





Wojciech Kaczmariski, SP5WWP

M17 Project

Sheet: /Circulator/  
File: circ.kicad\_sch

Title: M17 Remote Radio Unit – RF board

Size: A3

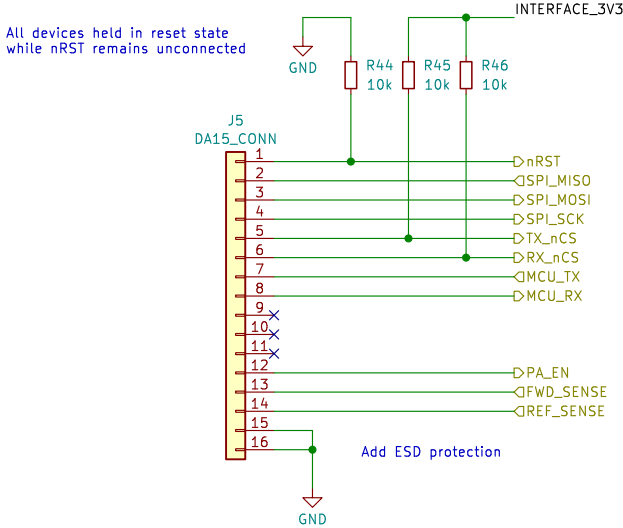
Date: 10-10-2023

Rev: A

KiCad E.D.A.   kicad 7.0.8

Id: 9/11

External connector



Decoupling

