

Wojciech Kaczmarek, SP5WWP

**M17 Project**

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

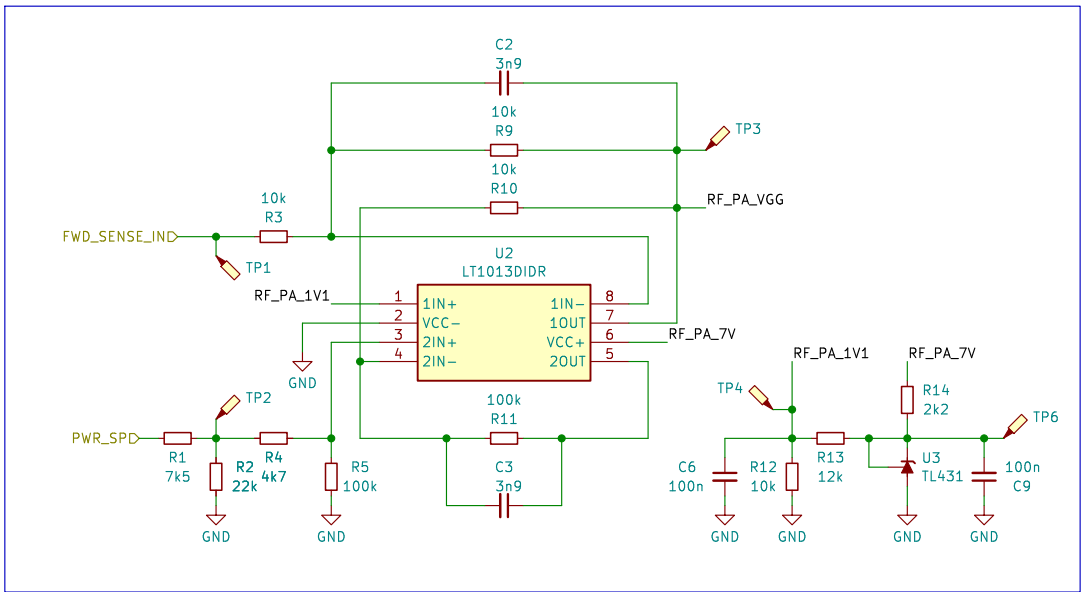
Size: A3 Date: 10-10-2023

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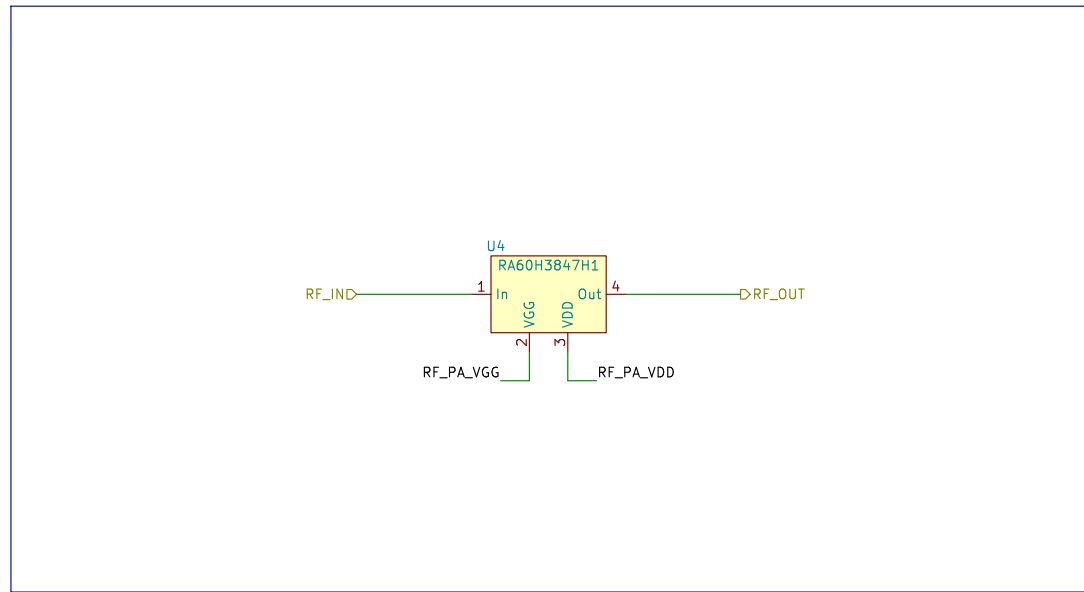
Rev: A

Id: 1/11

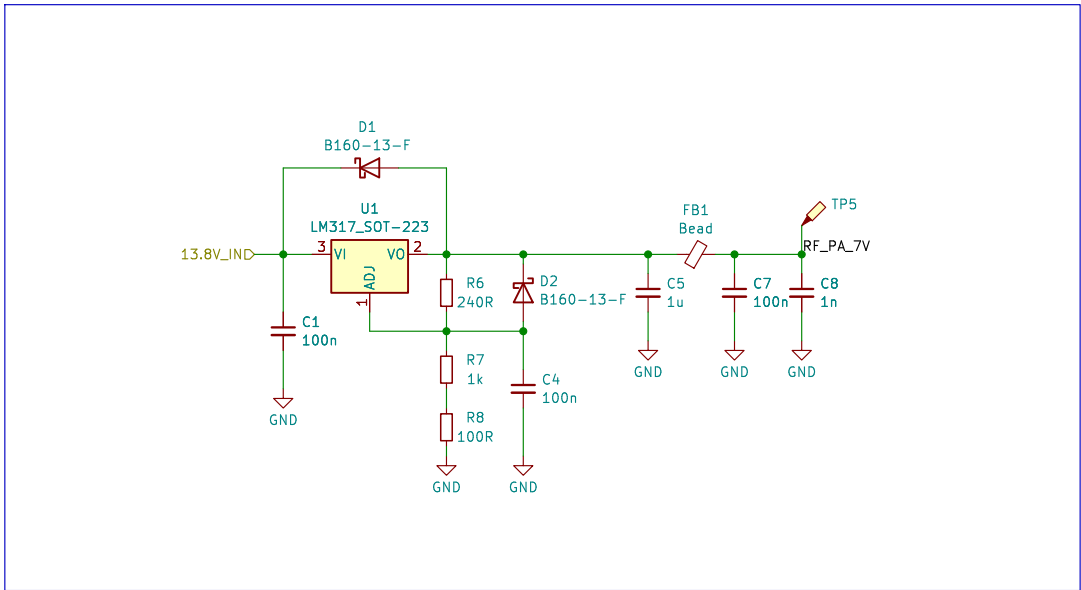
## ALC



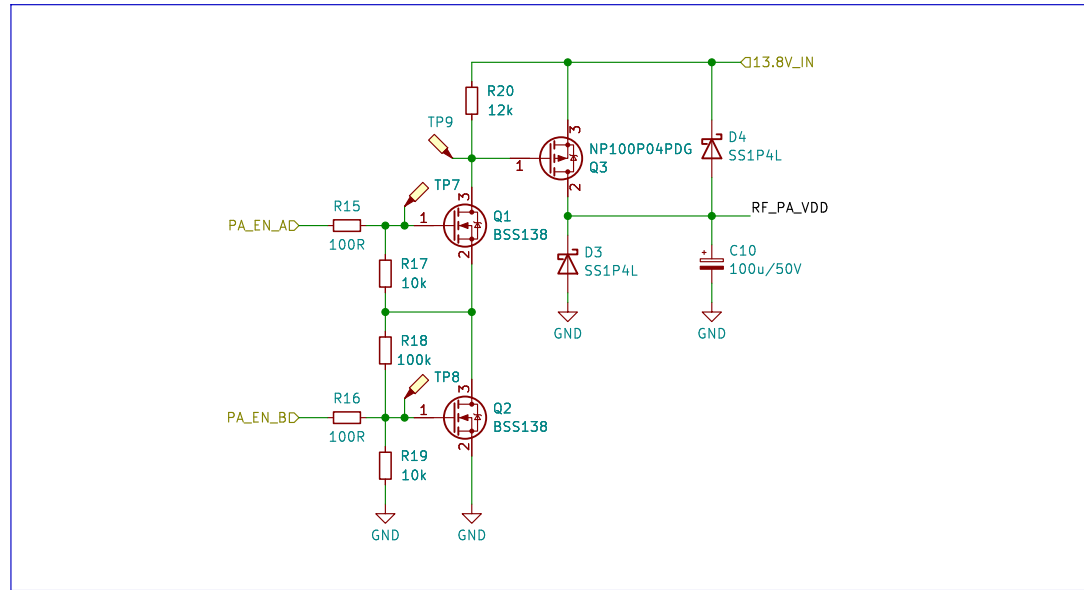
## RF PA



## Voltage reg.



## Supply switching



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Sheet: /RF PA/

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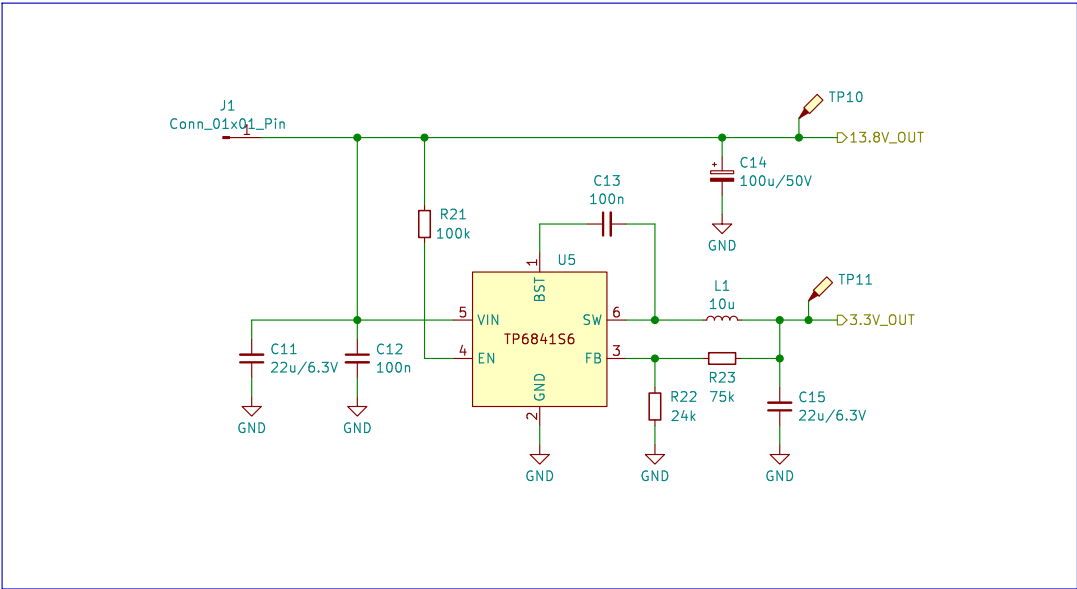
Date: 10-10-2023

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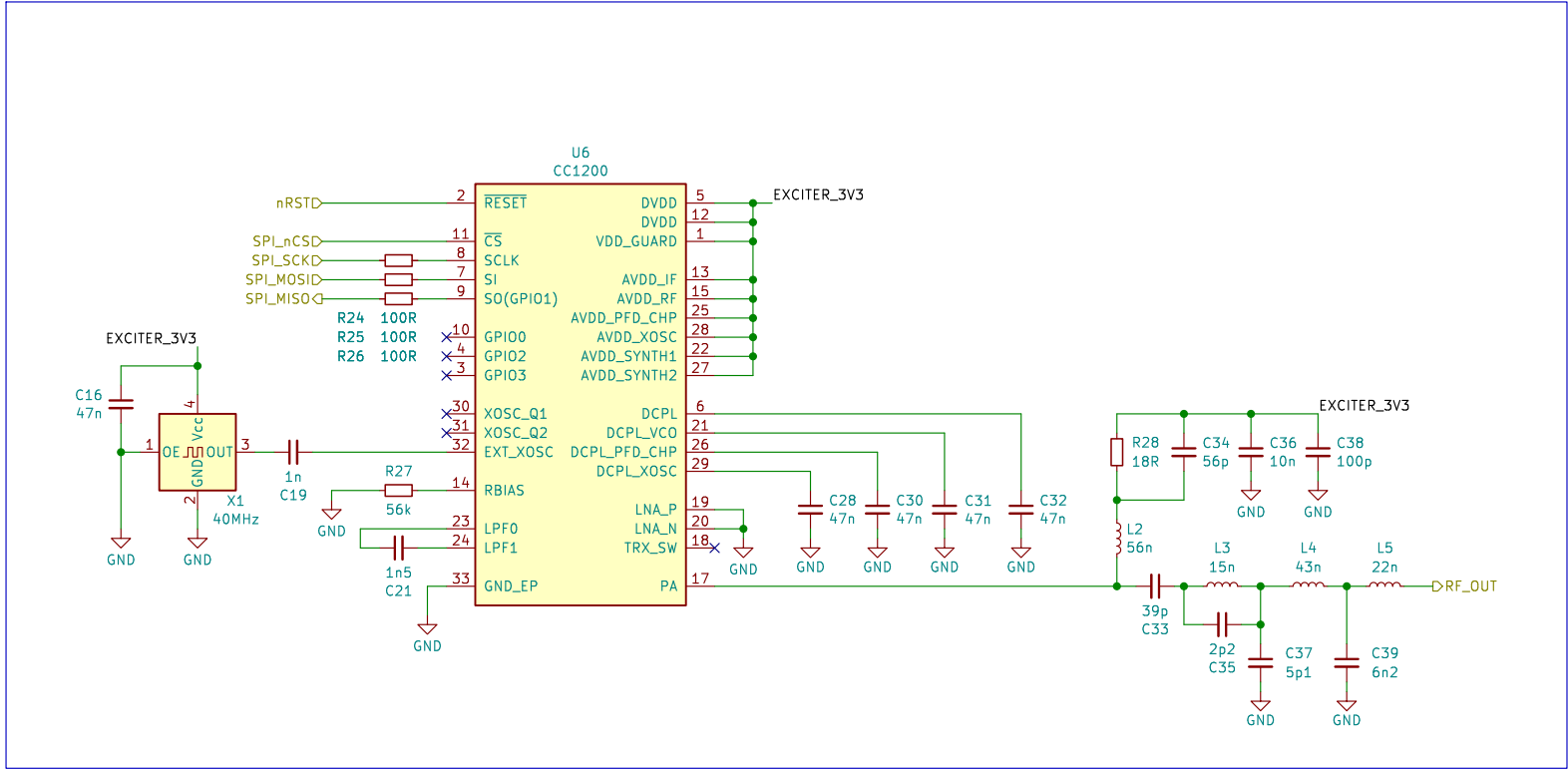
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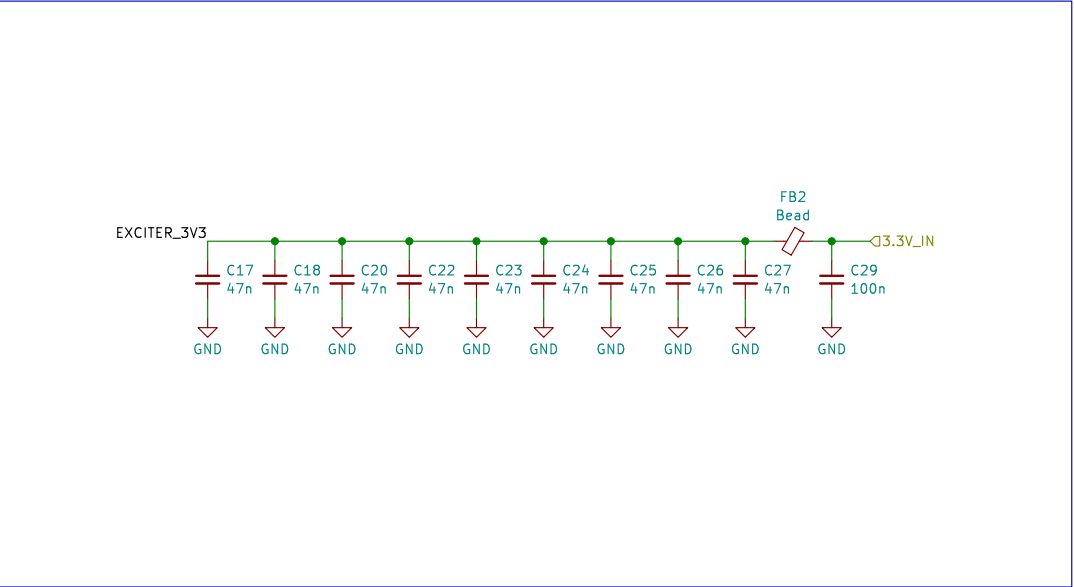
Voltage reg.



Exciter



Decoupling



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M17 Project

Sheet: /Exciter/

File: exciter.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: 4/11

## M17 Project

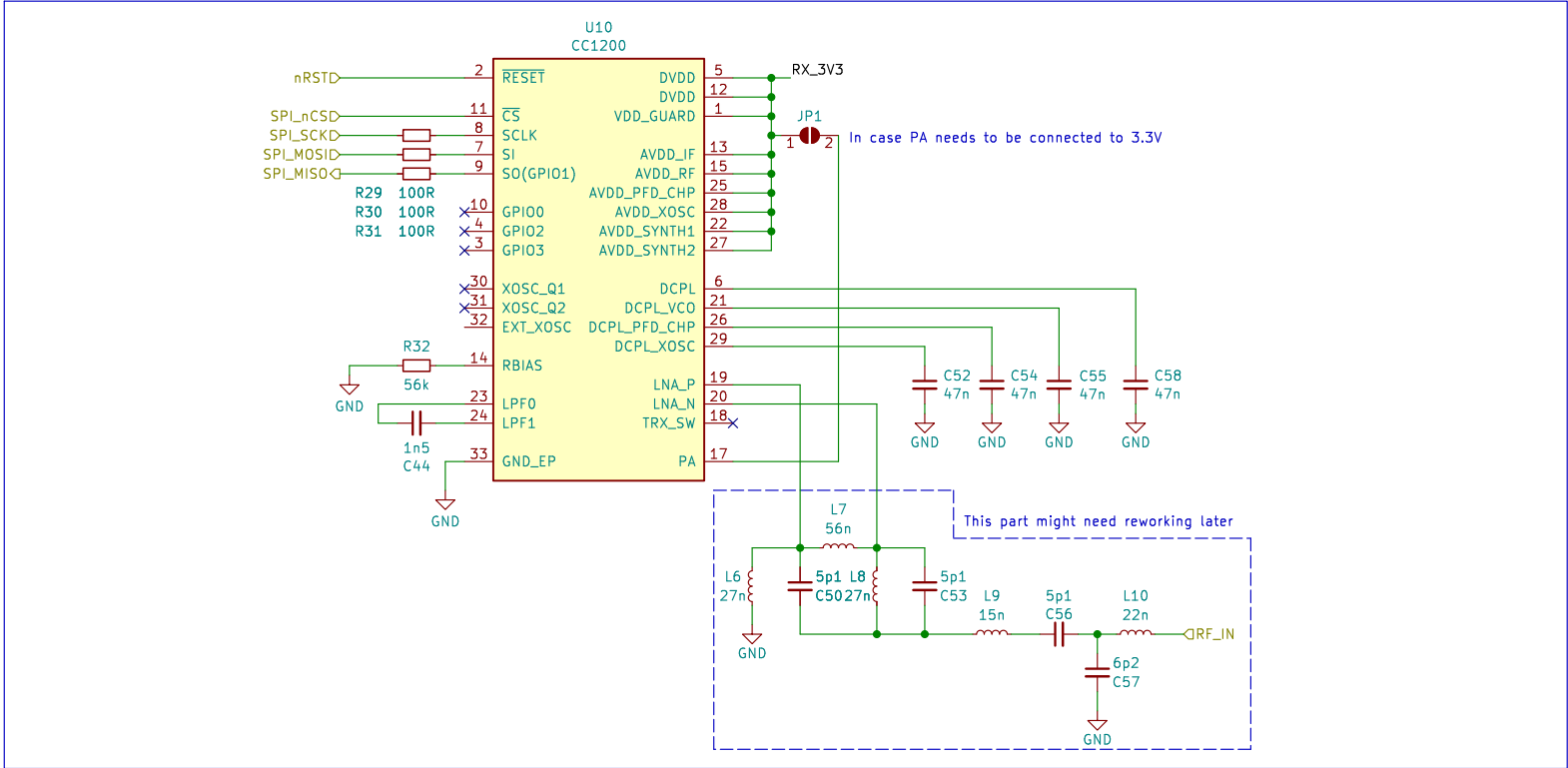
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Size: A3	Date: 10-10-2023
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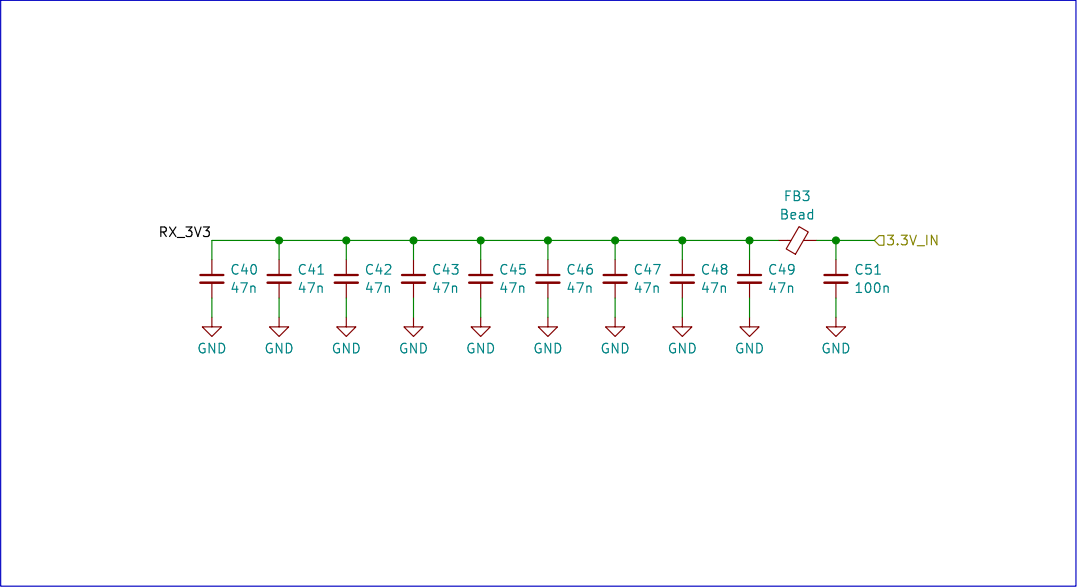
Rev: A

Id: 5/11

Receiver



Decoupling



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**M17 Project**

Sheet: /Receiver/

File: rx.kicad\_sch

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

Size: A3

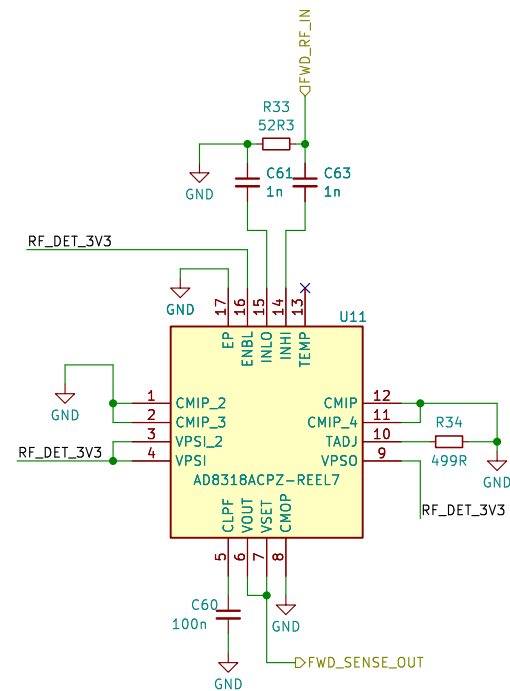
Date: 10–10–2023

Rev: A

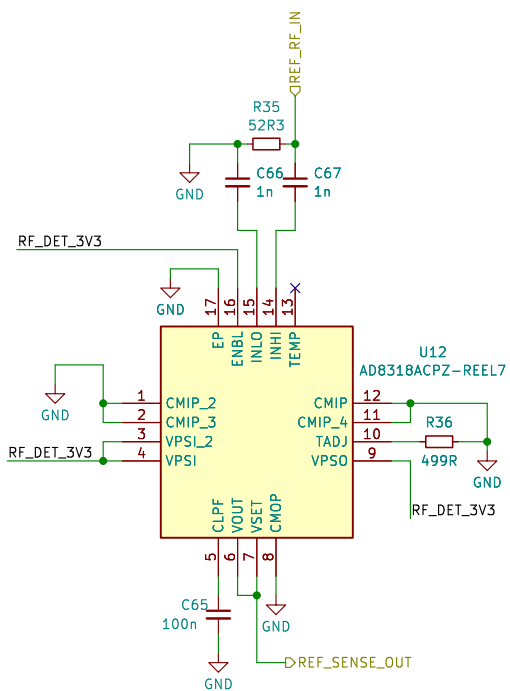
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Id: 6/11

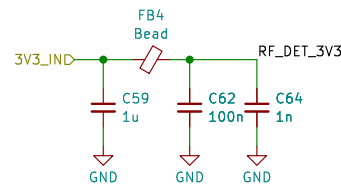
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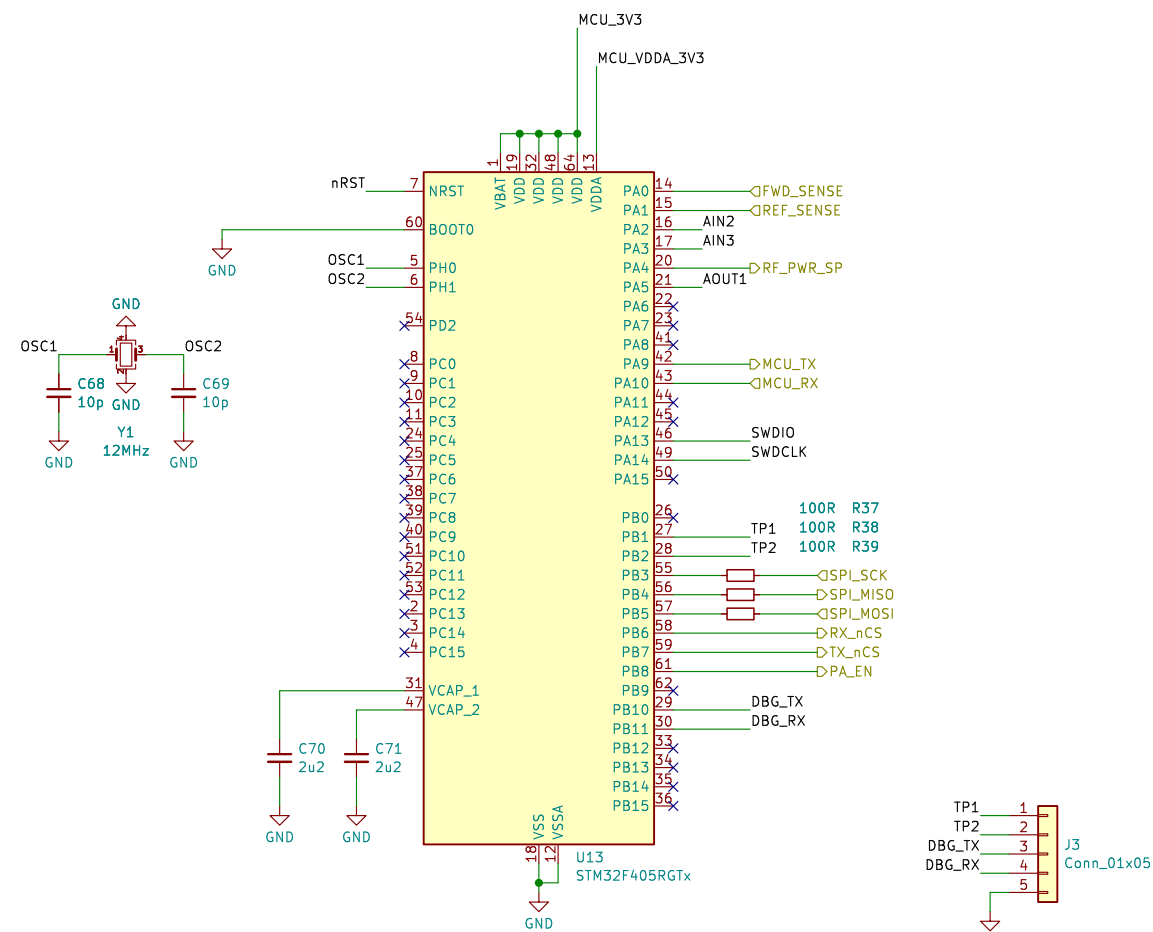
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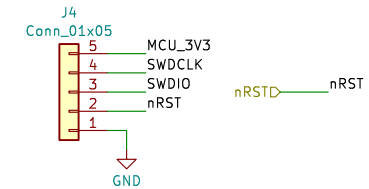
Decoupling



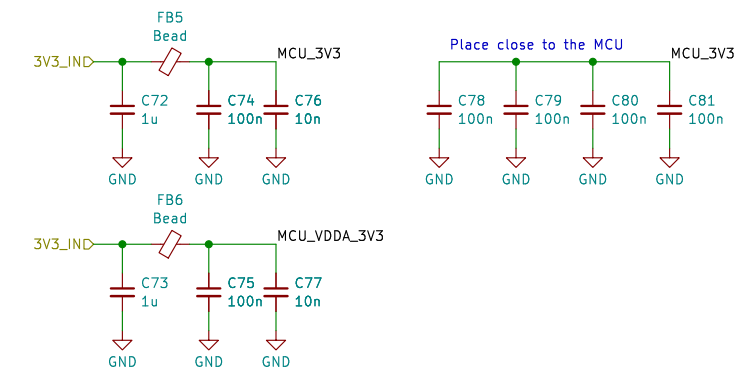
## MCU



## SWD



## Decoupling



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**M17 Project**

Sheet: /MCU/

File: mcu.kicad\_sch

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Size: A3

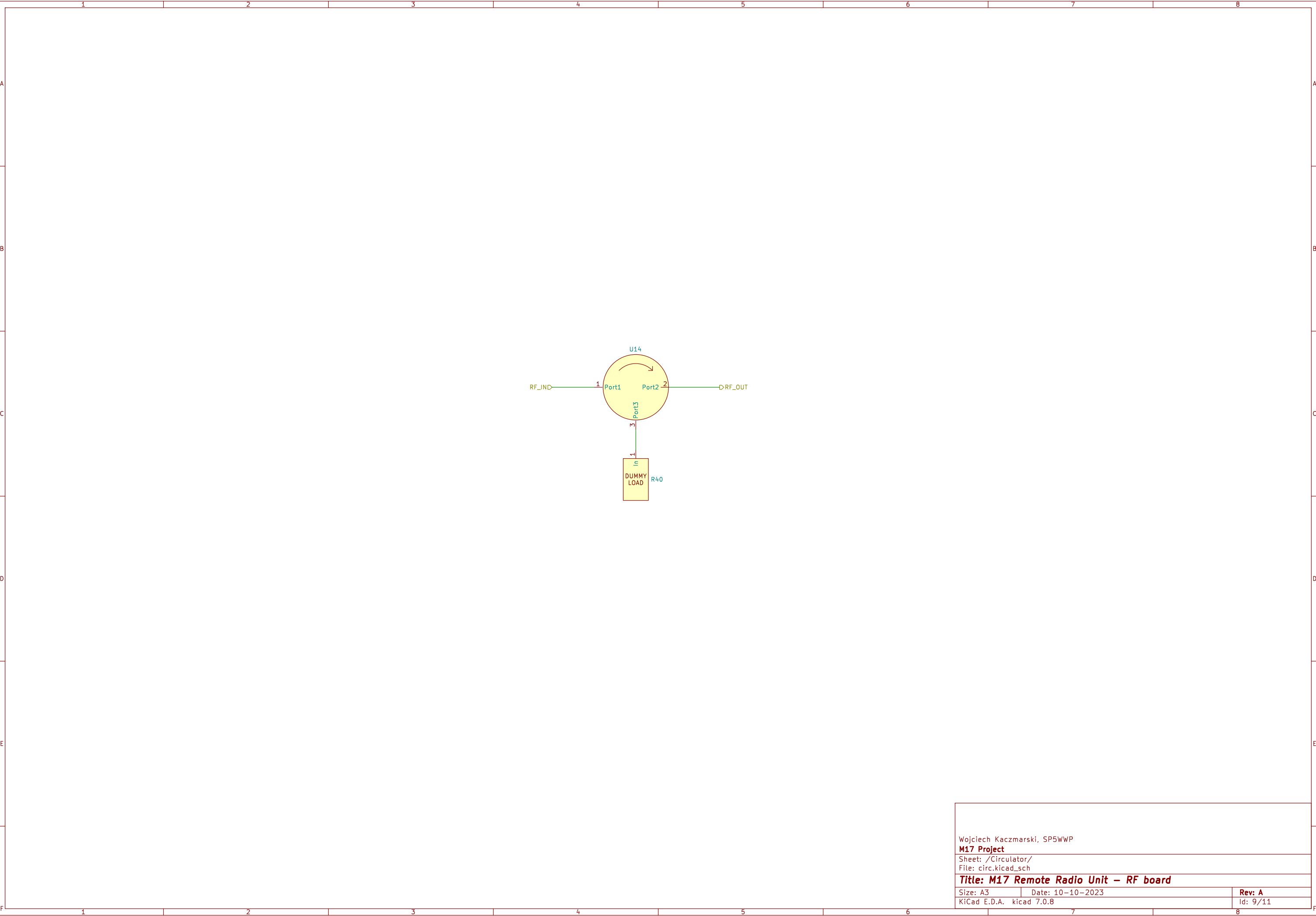
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Rev: A

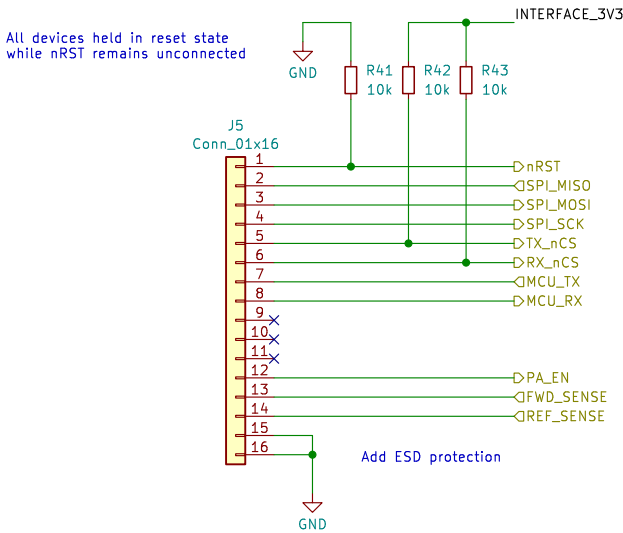
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External connector



Decoupling

