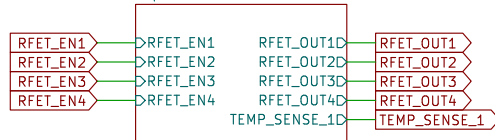


# PowerSheet

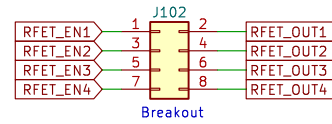


File: PowerSheet.kicad\_sch

# Experiment



File: Experiment.kicad\_sch



Breakout

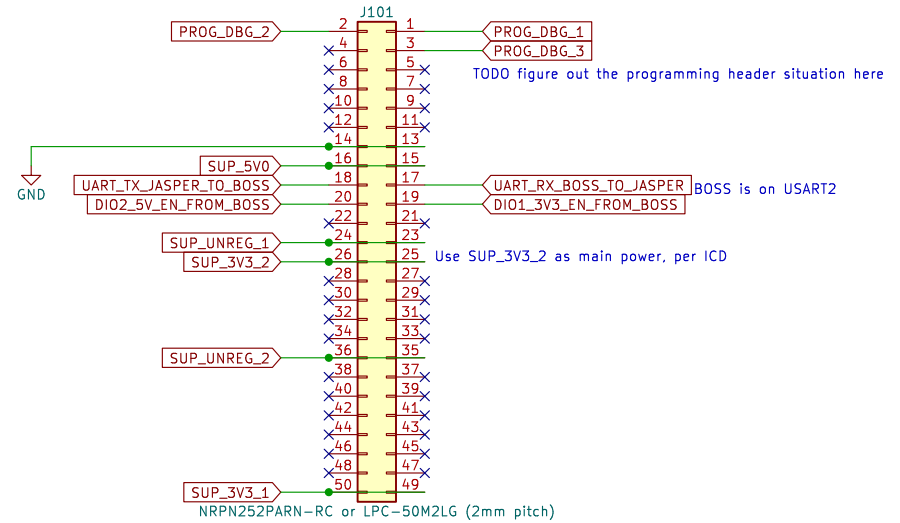
# MicrocontrollerSheet



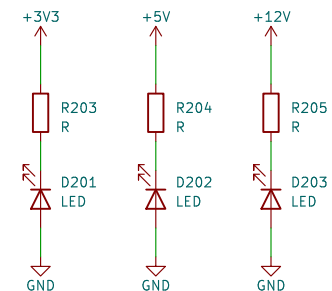
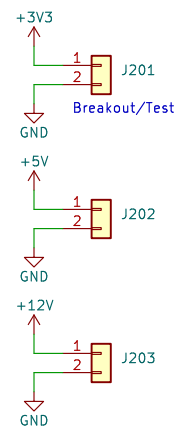
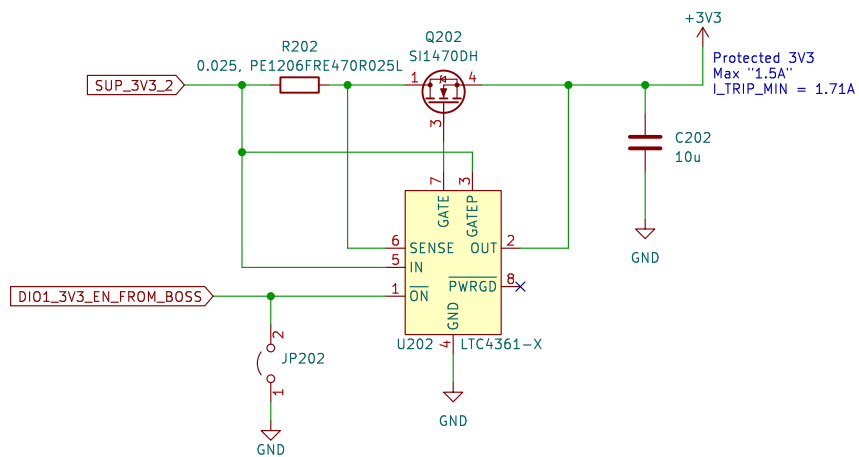
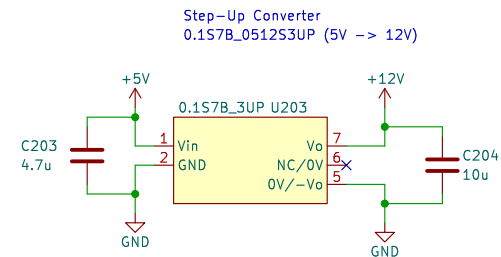
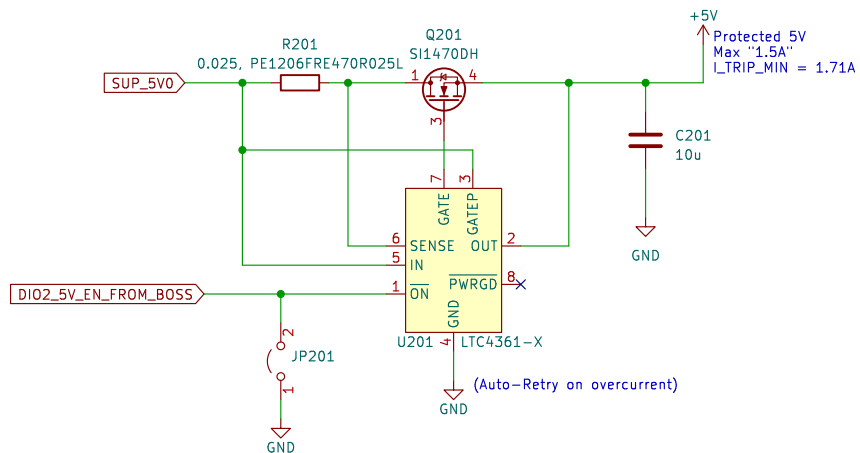
File: MicrocontrollerSheet.kicad\_sch

On PCB, with connector on left side, top-down,  
Pin 1 is top-right corner

GND is labelled as  
GND\_SYS pin in ICD

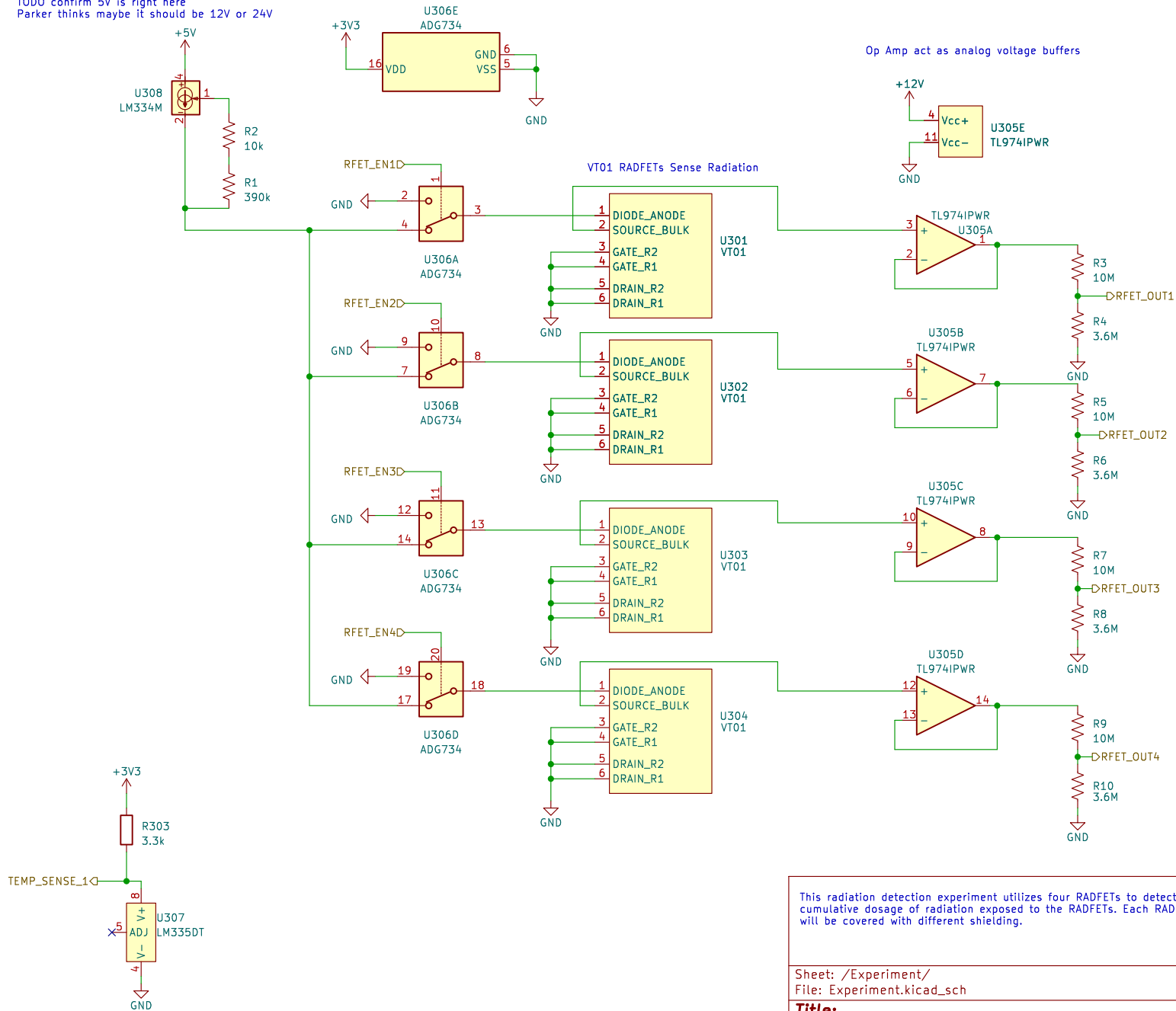


Sheet: /		
File: BIRDS-X-PCB.kicad_sch		
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Size: USLetter	Date:	Rev:
KiCad E.D.A. kicad 7.0.1		Id: 1/4



Sheet: /PowerSheet/ File: PowerSheet.kicad_sch		
<b>Title:</b>		
Size: USLetter	Date:	Rev:
KiCad E.D.A. kicad 7.0.1		Id: 2/4

TODO confirm 5V is right here  
Parker thinks maybe it should be 12V or 24V



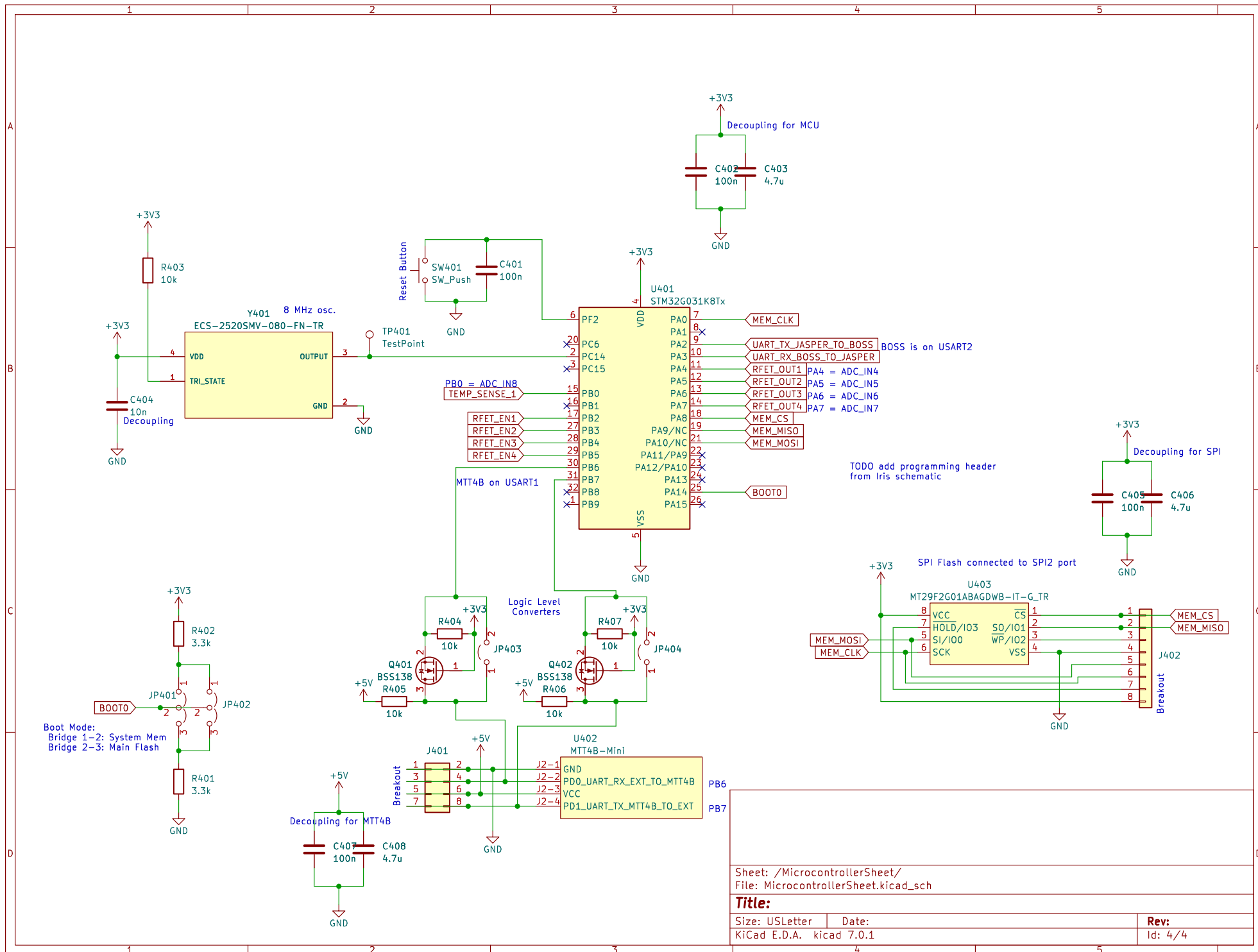
This radiation detection experiment utilizes four RADFETs to detect the cumulative dosage of radiation exposed to the RADFETs. Each RADFET will be covered with different shielding.

Sheet: /Experiment/  
File: Experiment.kicad\_sch

**Title:**

Size: USLetter Date:  
KiCad E.D.A. kicad 7.0.1

**Rev:**  
Id: 3/4



Sheet: /MicrocontrollerSheet/  
File: MicrocontrollerSheet.kicad\_sch

# **Title:**

Size: USLetter    Date:     
KiCad E.D.A.    kicad 7.0.1

Rev:     
Id: 4/4