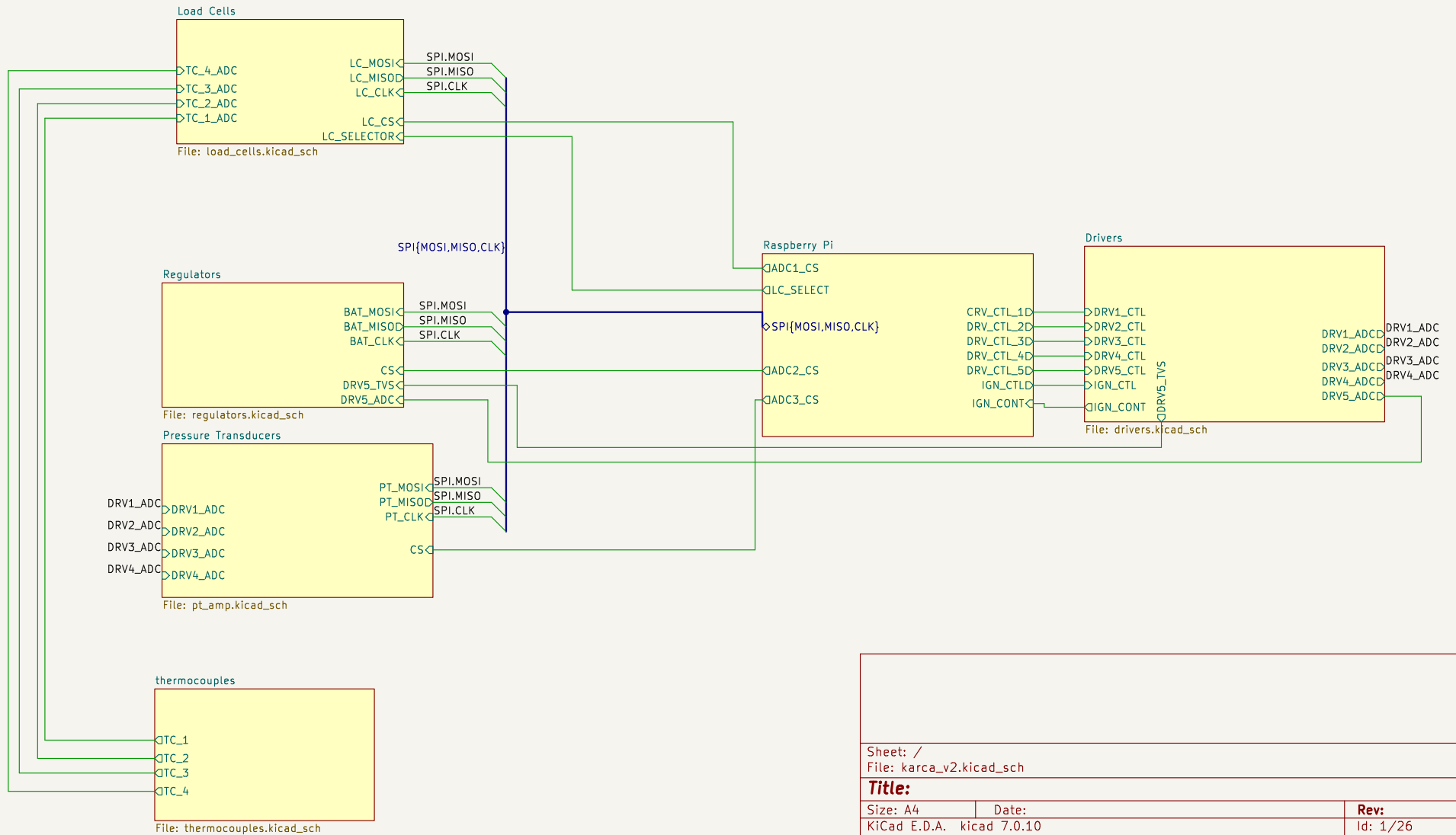


# KARCA 2.0

Data Acquisition and Control System for Rice Eclipse's Hybrid Rocket Motors

Mounting Holes

- H1  
MountingHole
- H2  
MountingHole
- H3  
MountingHole
- H4  
MountingHole



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File: karca\_v2.kicad\_sch

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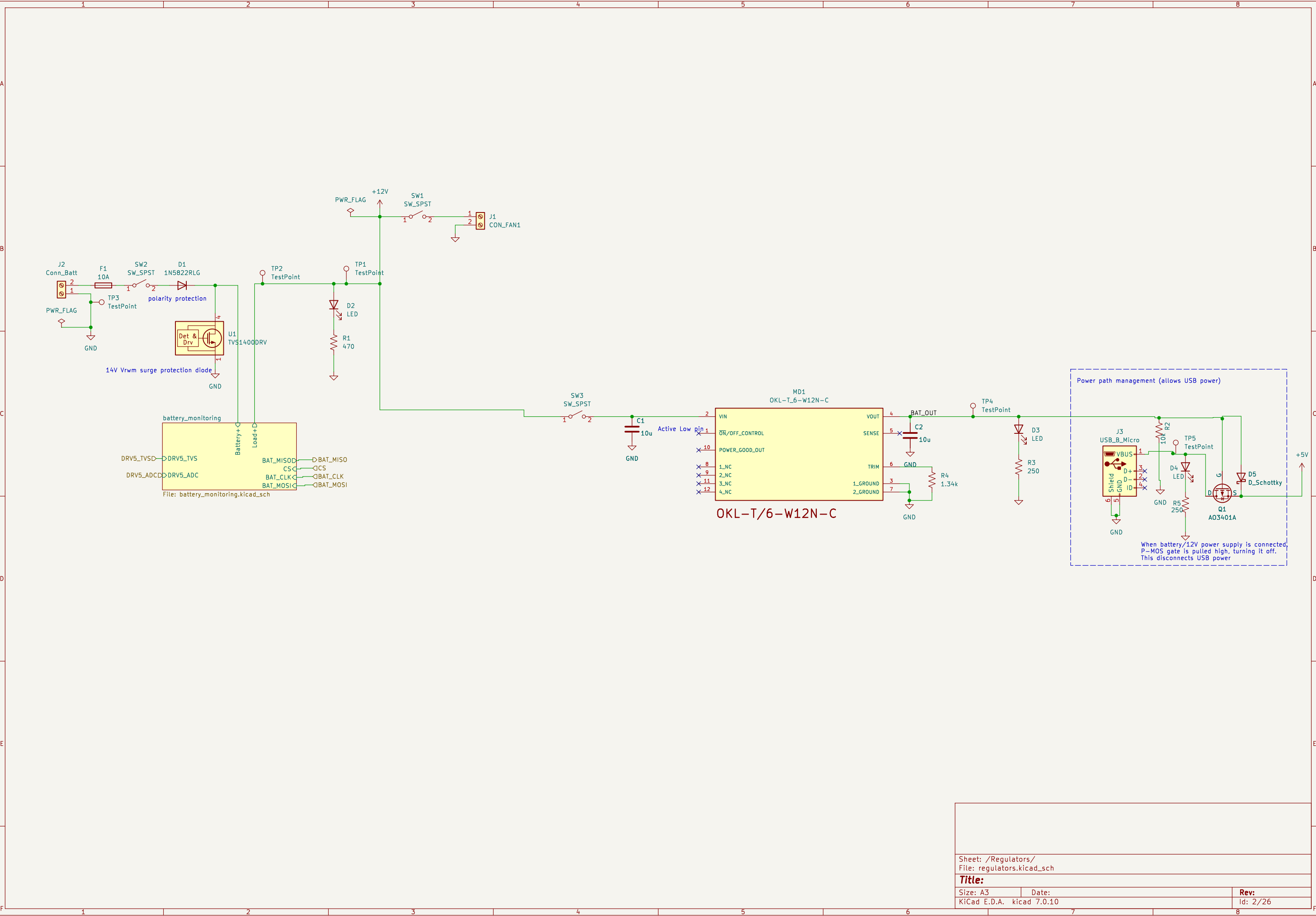
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Date:

KiCad E.D.A. kicad 7.0.10

**Rev:**

Id: 1/26



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File: regulators.kicad\_sch

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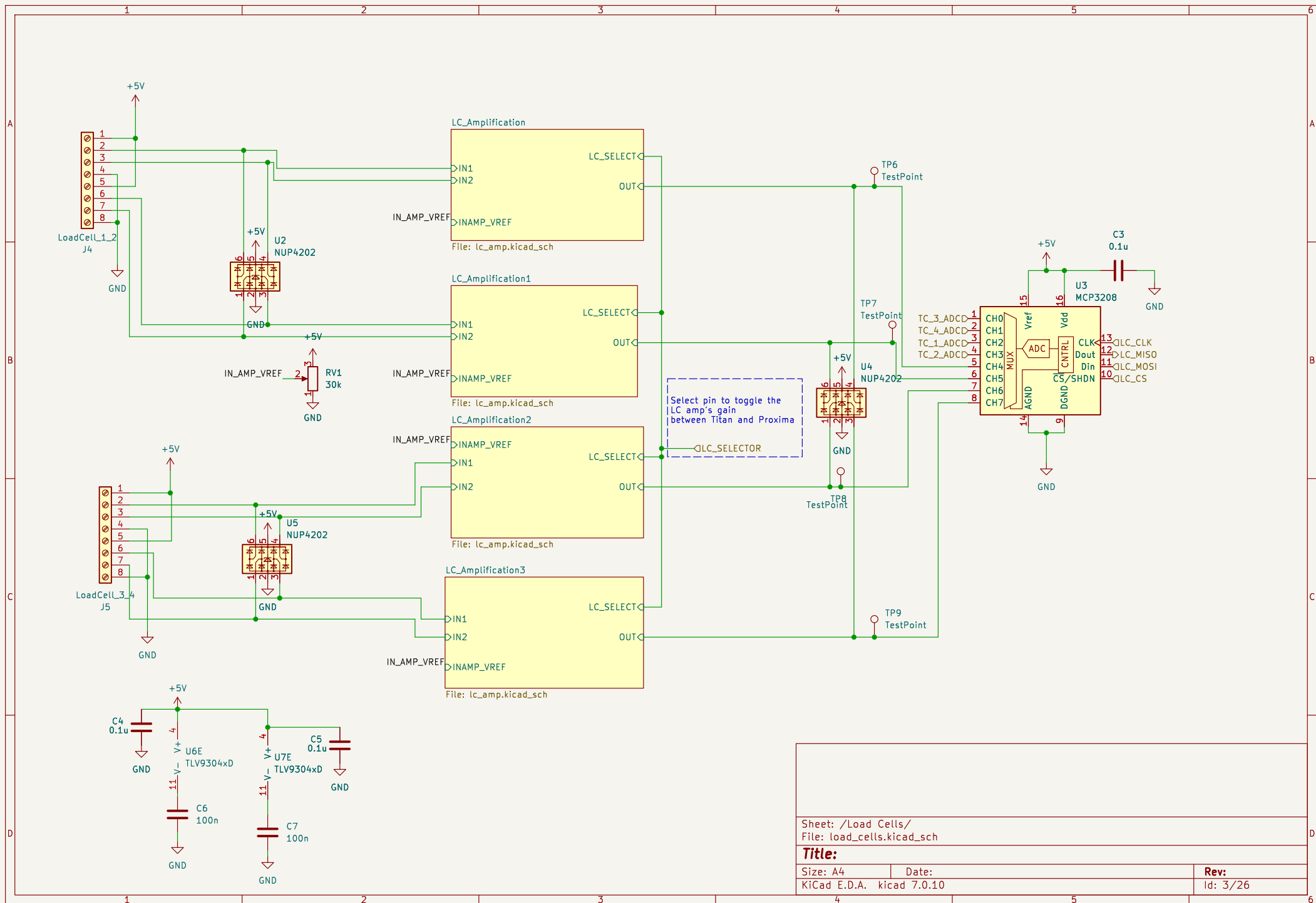
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KiCad E.D.A. kicad 7.0.10

**Rev:**

Id: 2/26



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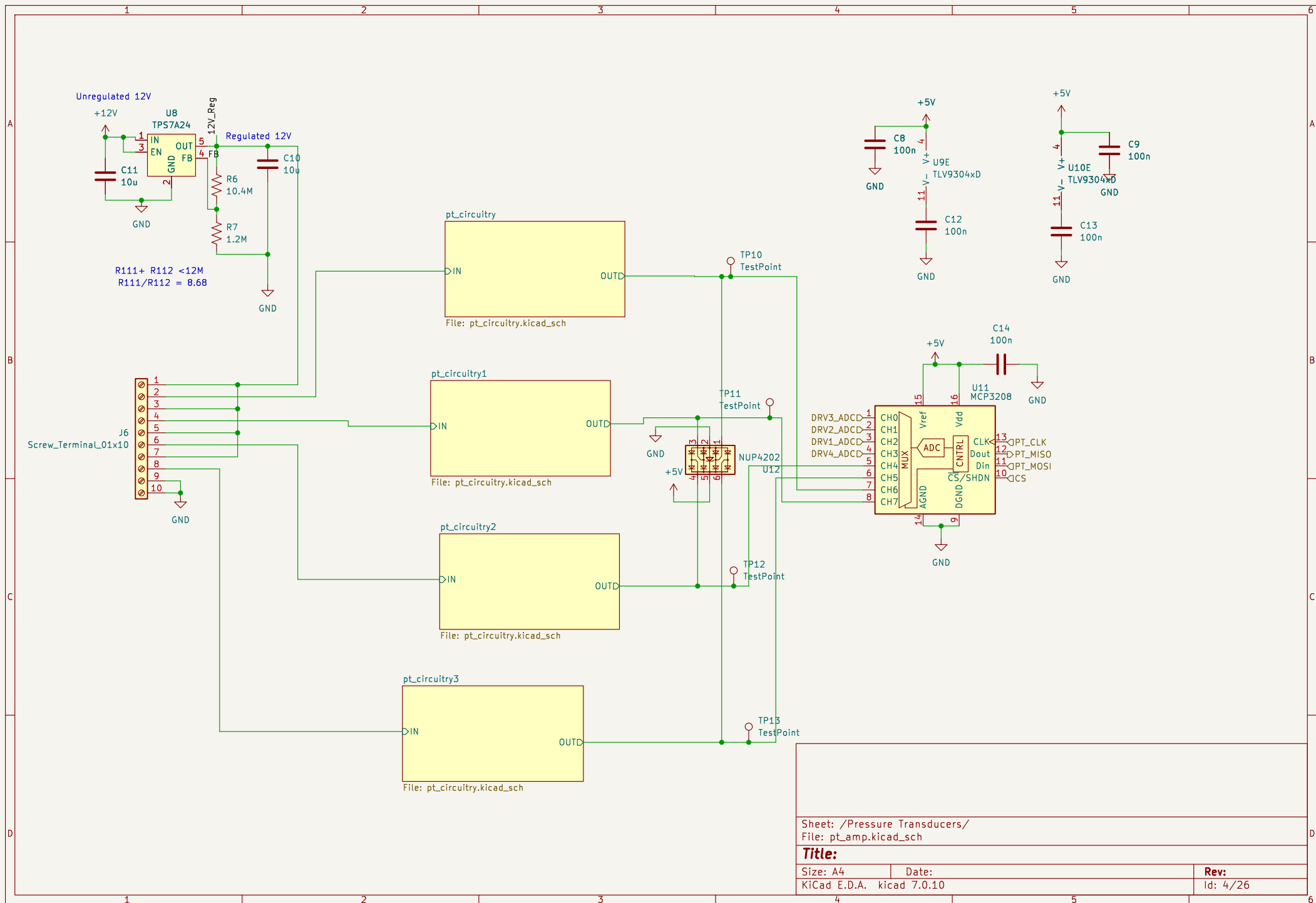
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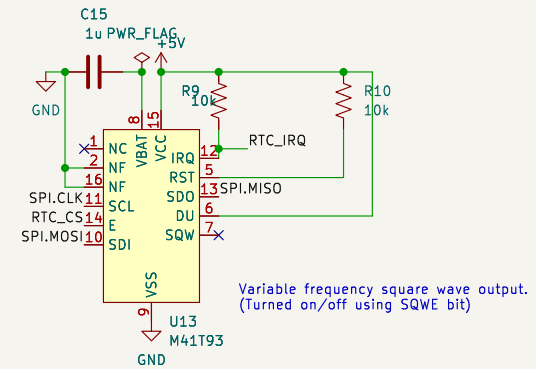
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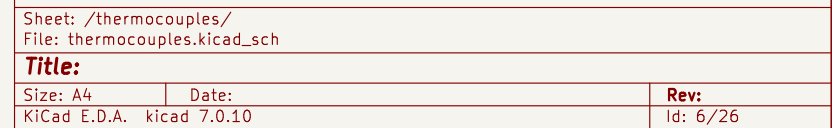
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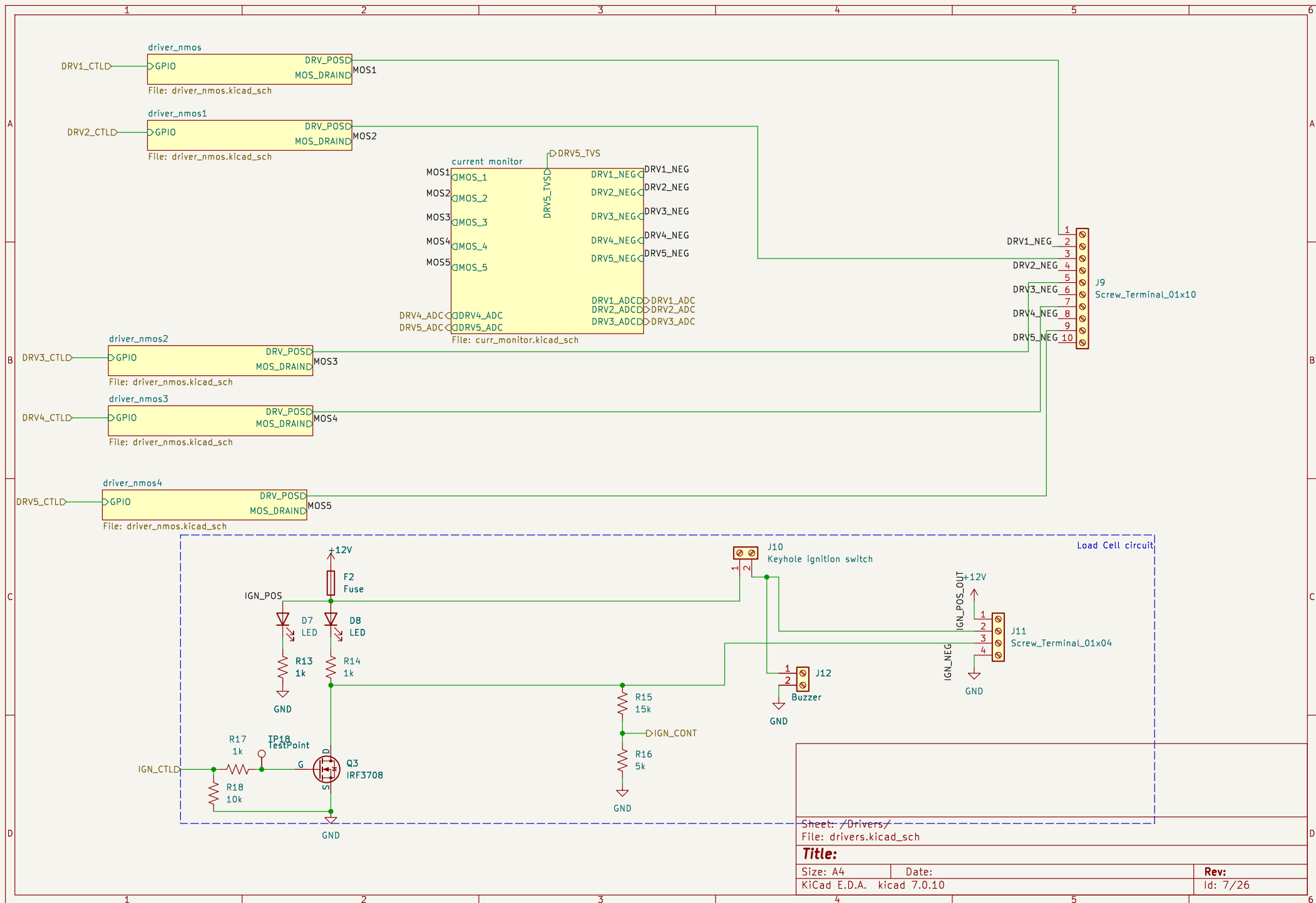
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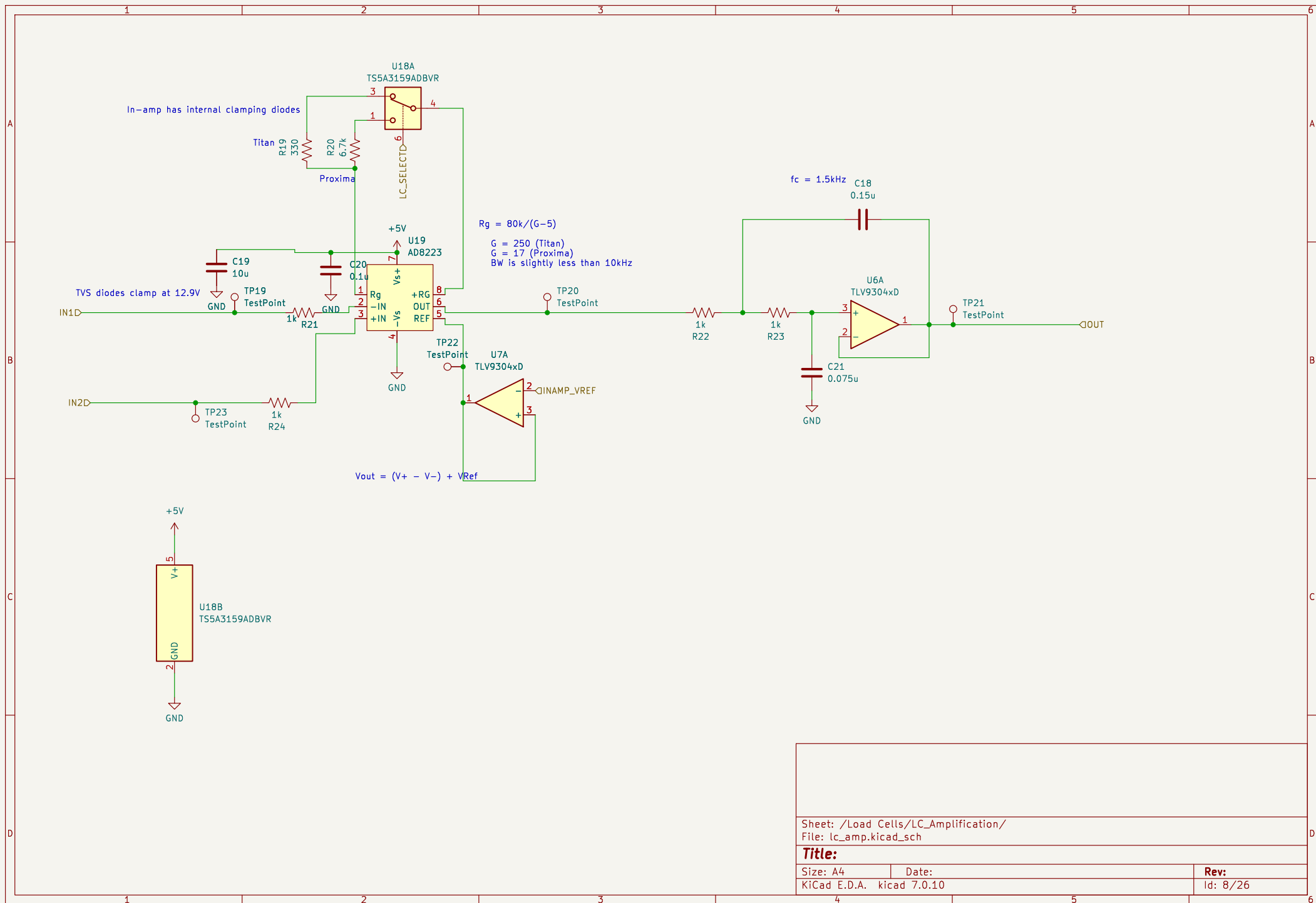




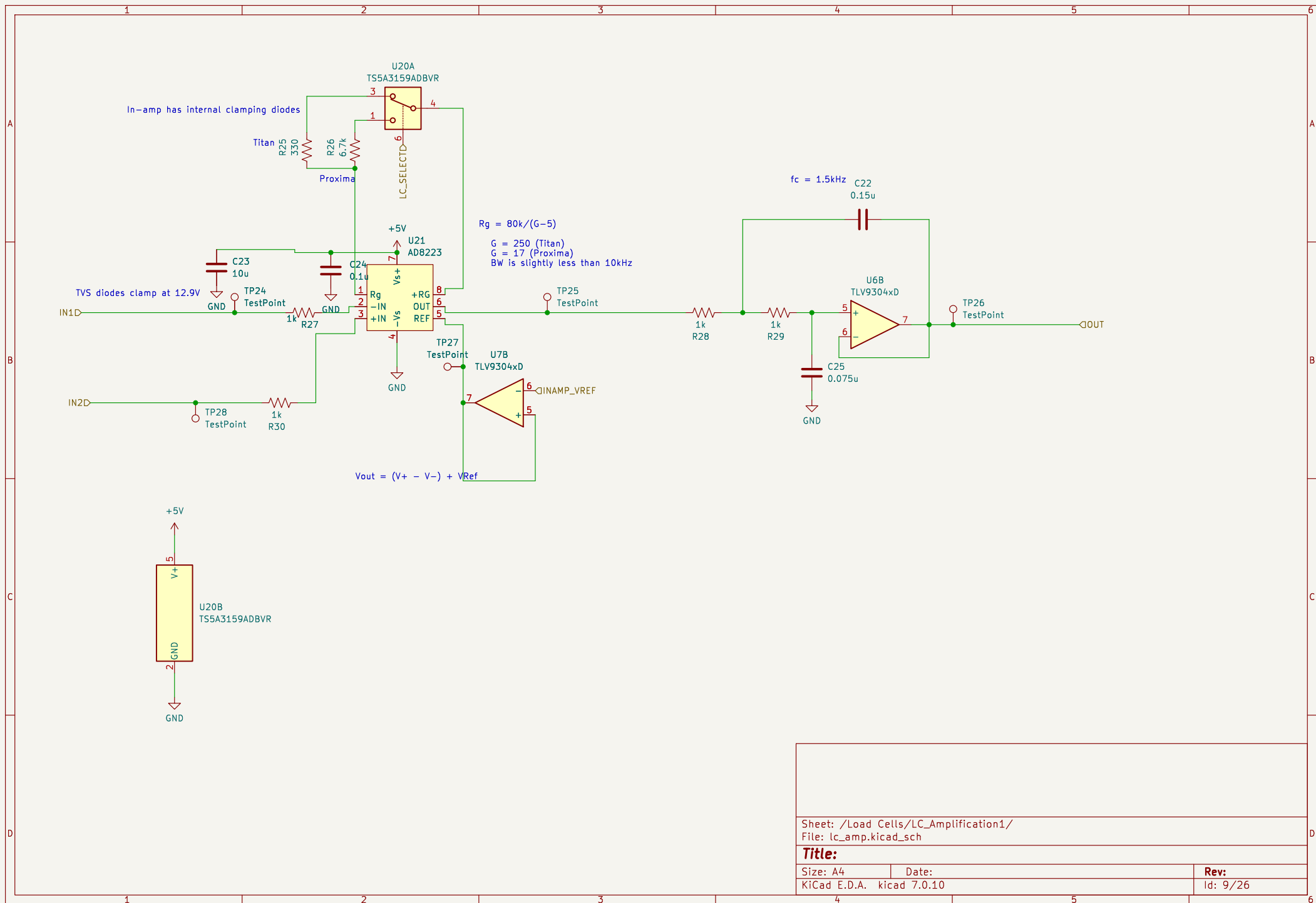
Rev:  
Id: 5/26

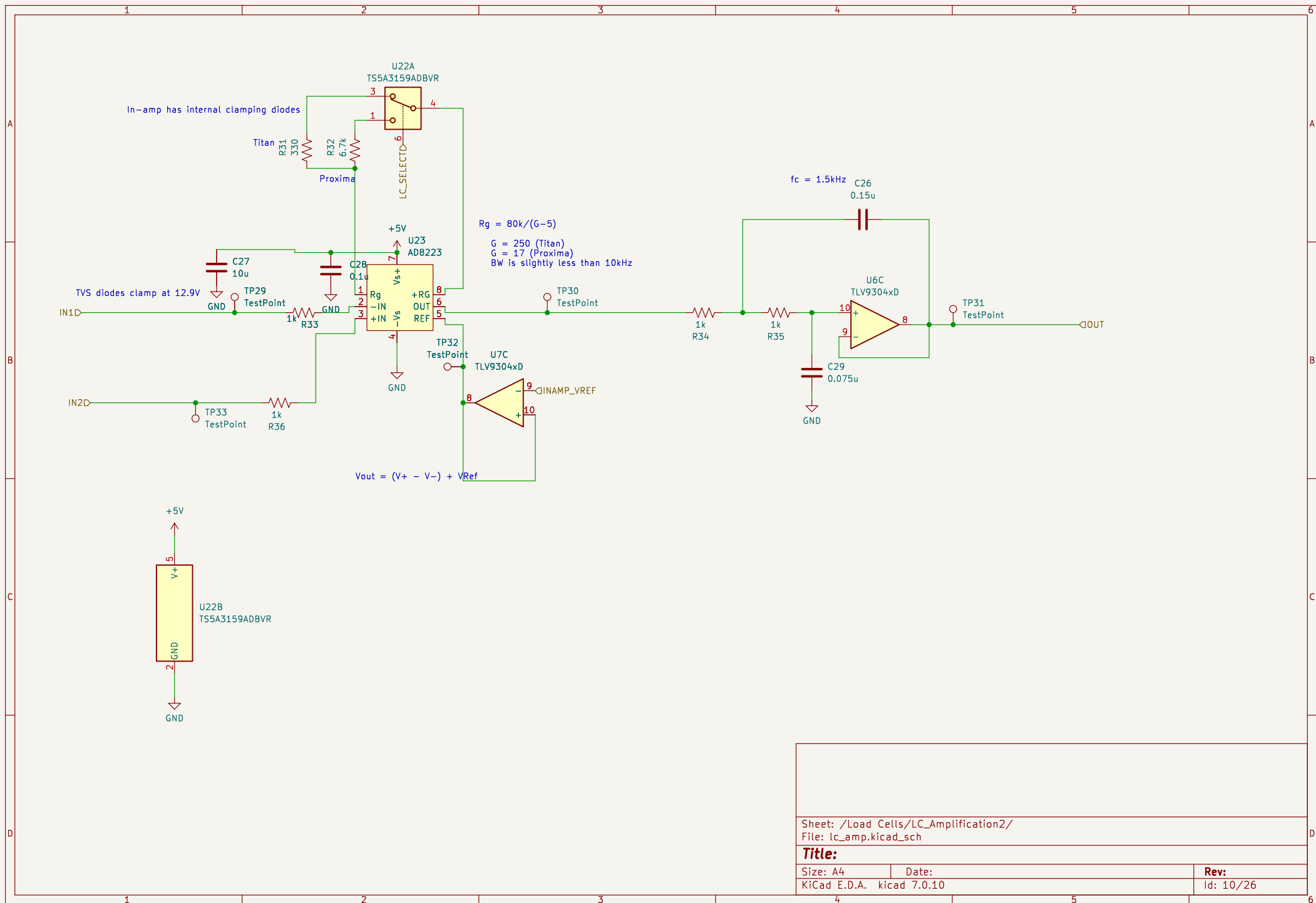


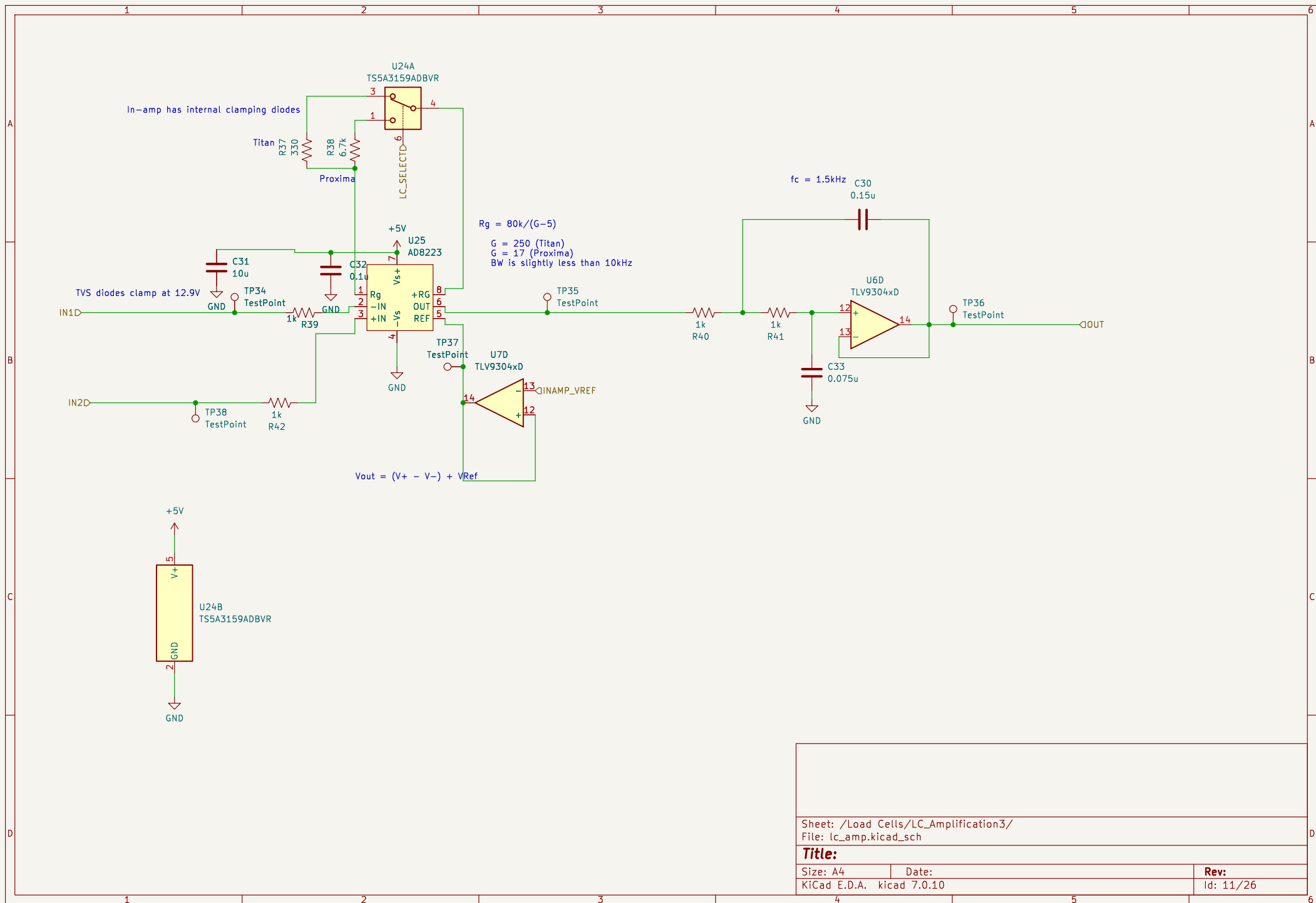




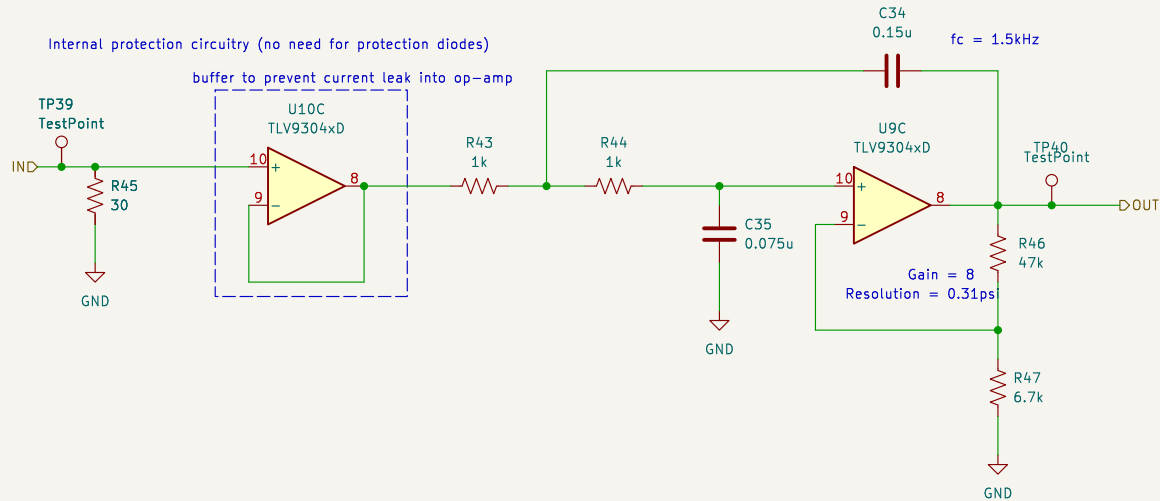








Rail-to-rail op-amp  
Slew rate: 3V/us(0.5V/us for LM324)



Sheet: /Pressure Transducers/pt\_circuitry1/  
File: pt\_circuitry.kicad\_sch

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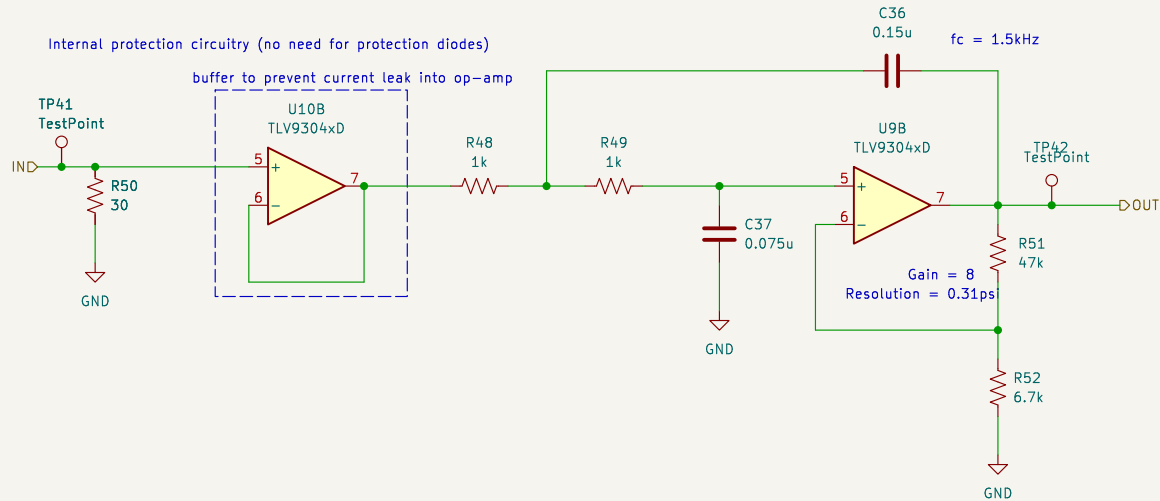
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KiCad E.D.A. kicad 7.0.10

Date:

Rev:

Id: 12/26

Rail-to-rail op-amp  
Slew rate: 3V/us(0.5V/us for LM324)



Sheet: /Pressure Transducers/pt\_circuitry2/  
File: pt\_circuitry.kicad\_sch

**Title:**

Size: A4

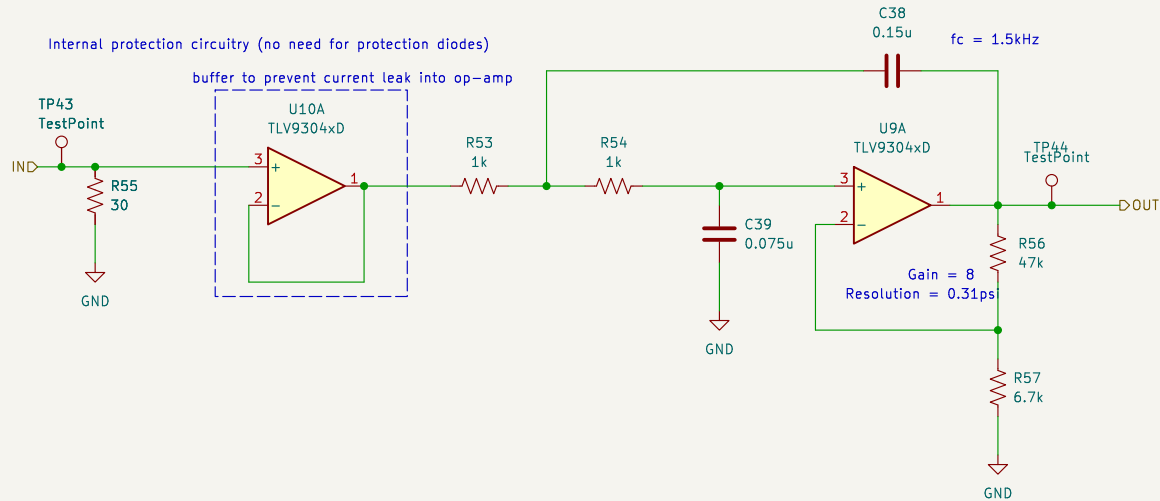
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KiCad E.D.A. kicad 7.0.10

**Rev:**

Id: 13/26

Rail-to-rail op-amp  
Slew rate: 3V/us(0.5V/us for LM324)



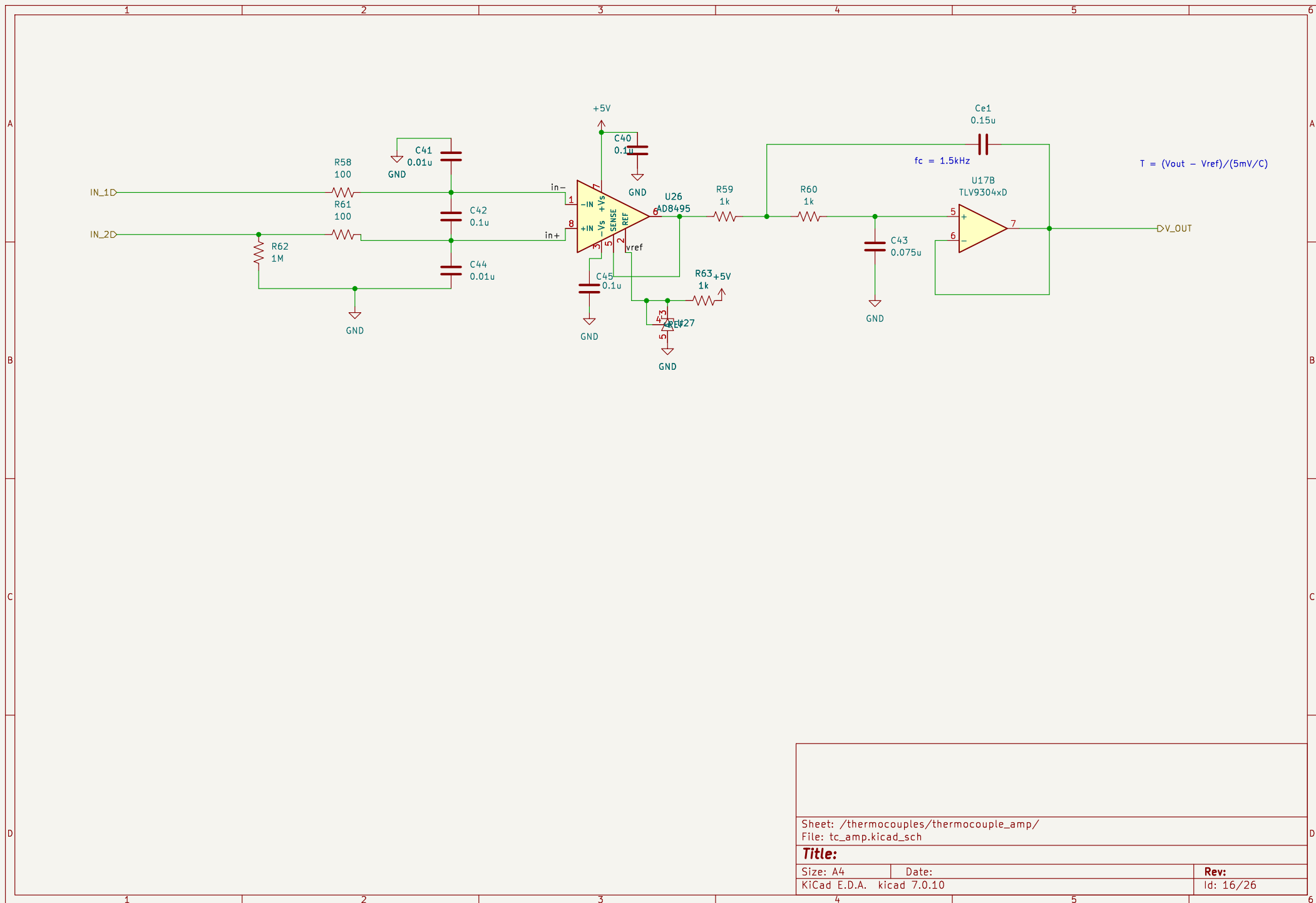
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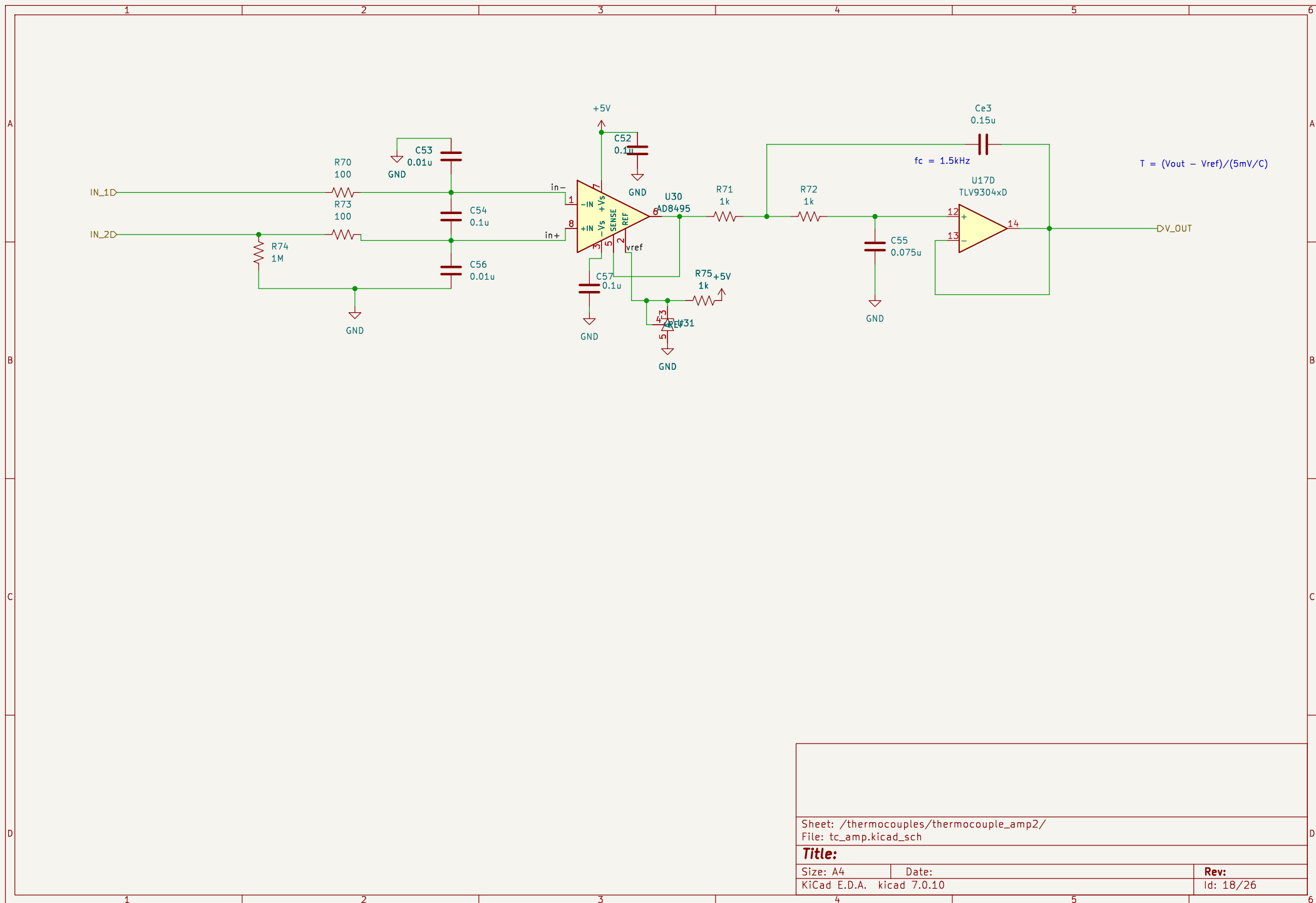
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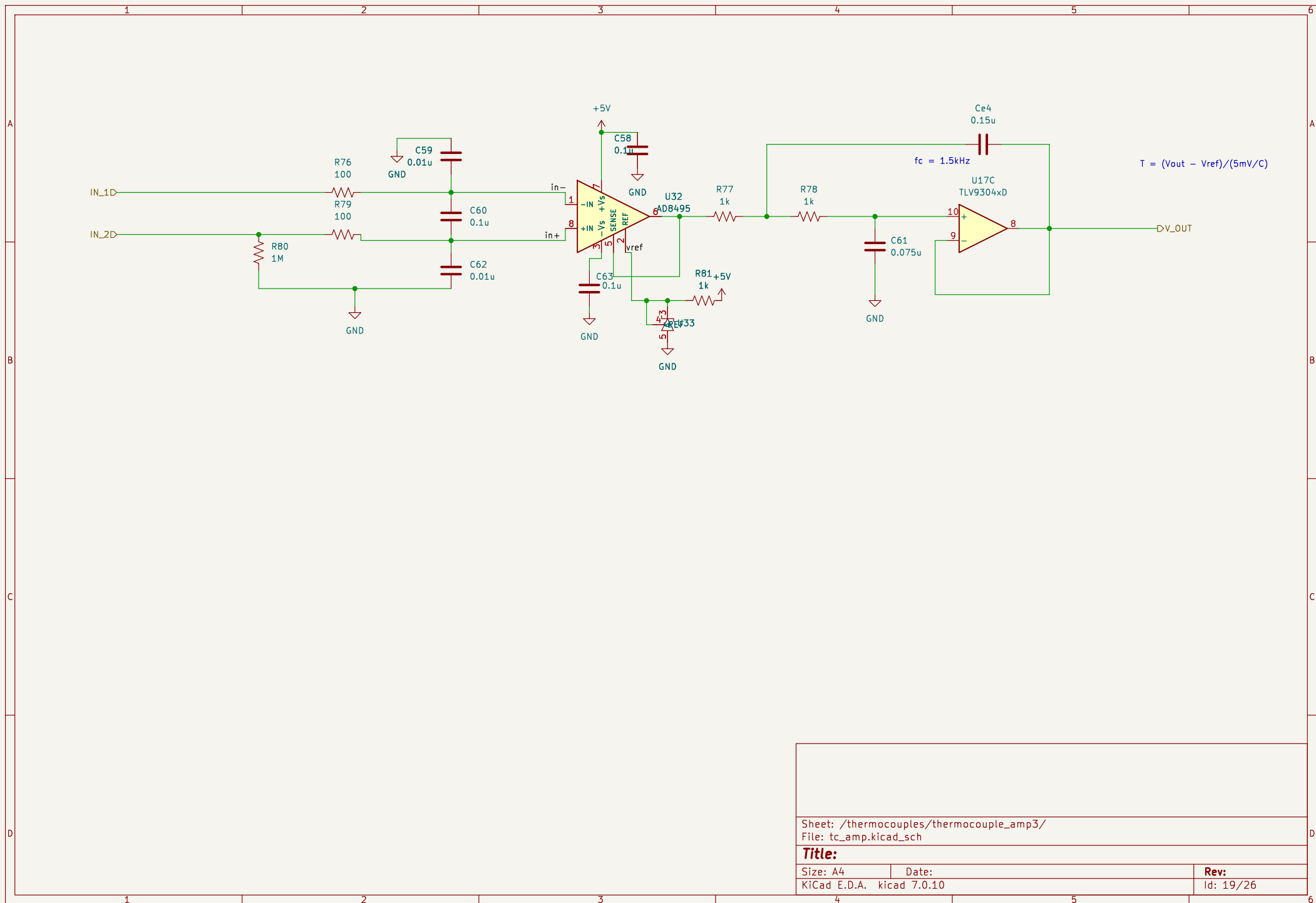
Rev:  
Id: 14/26

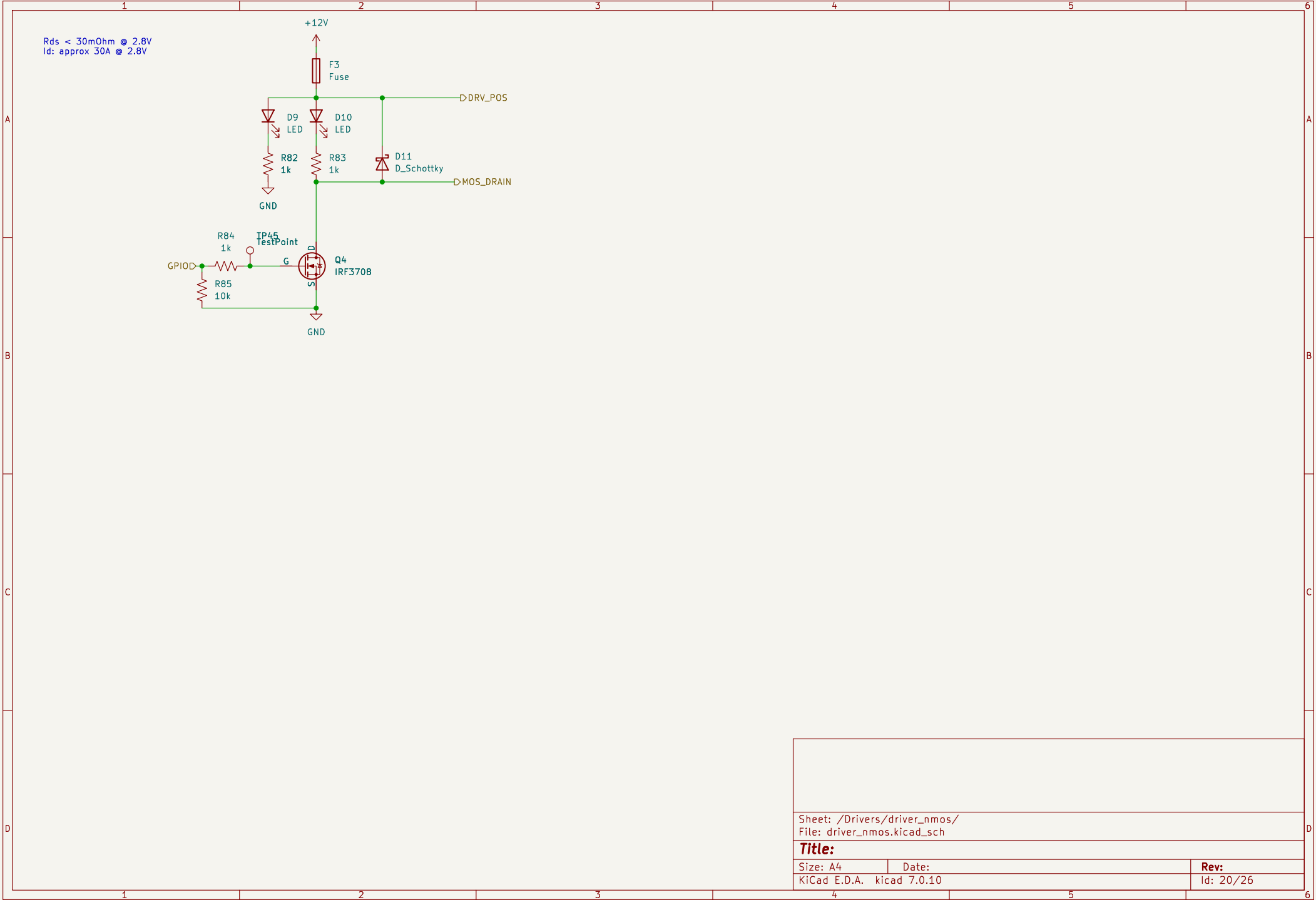


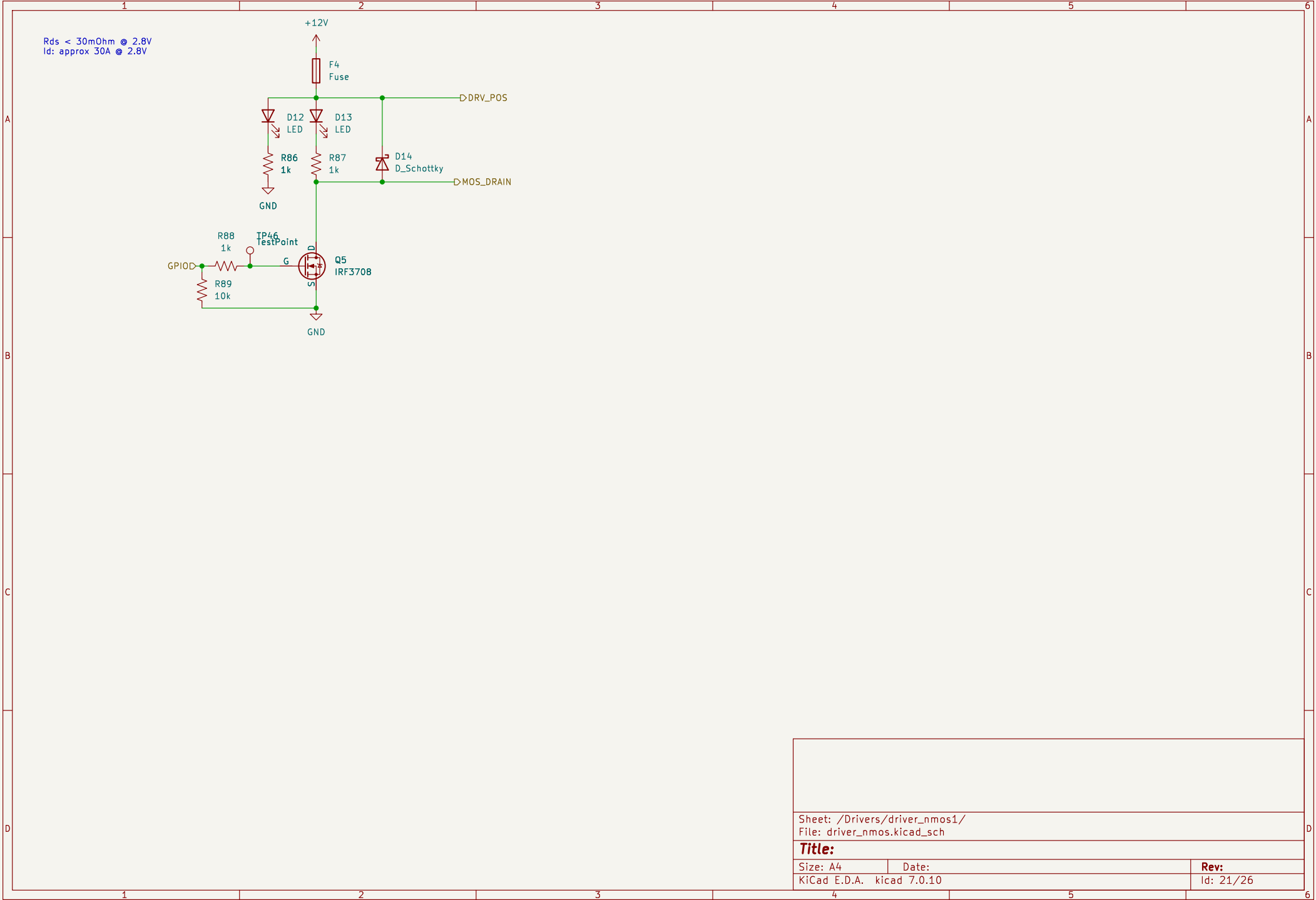
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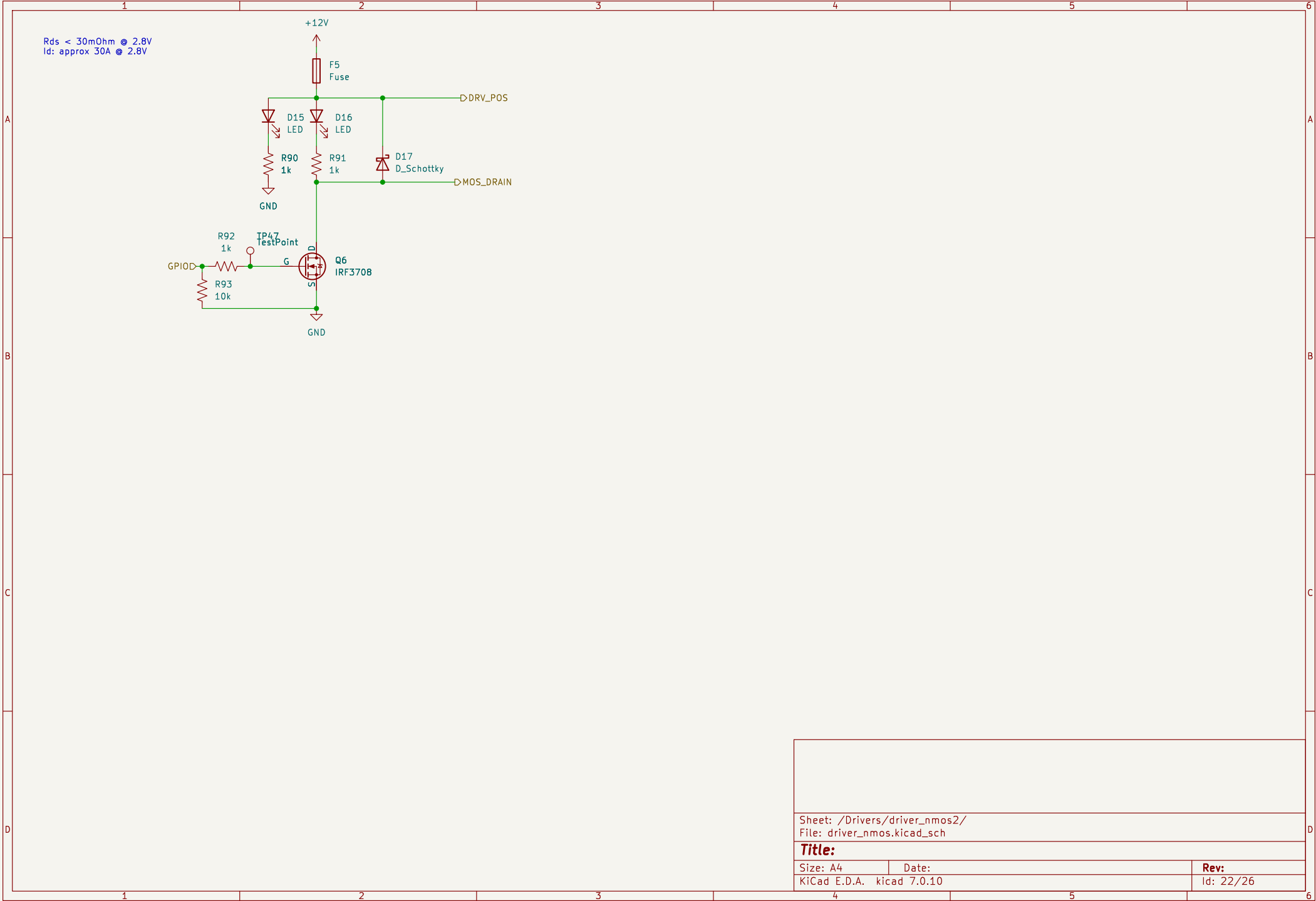




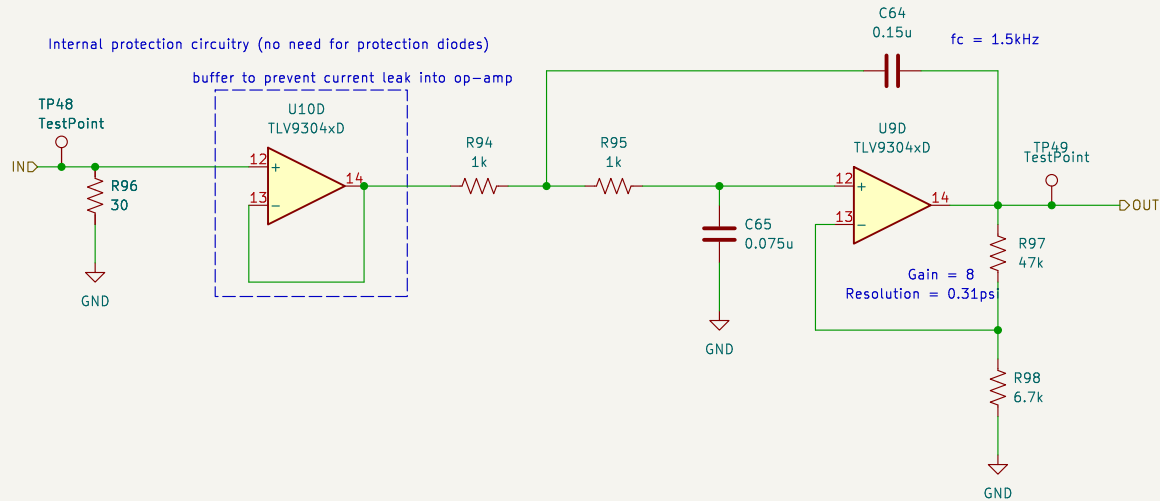








Rail-to-rail op-amp  
Slew rate: 3V/us(0.5V/us for LM324)



Sheet: /Pressure Transducers/pt\_circuitry/  
File: pt\_circuitry.kicad\_sch

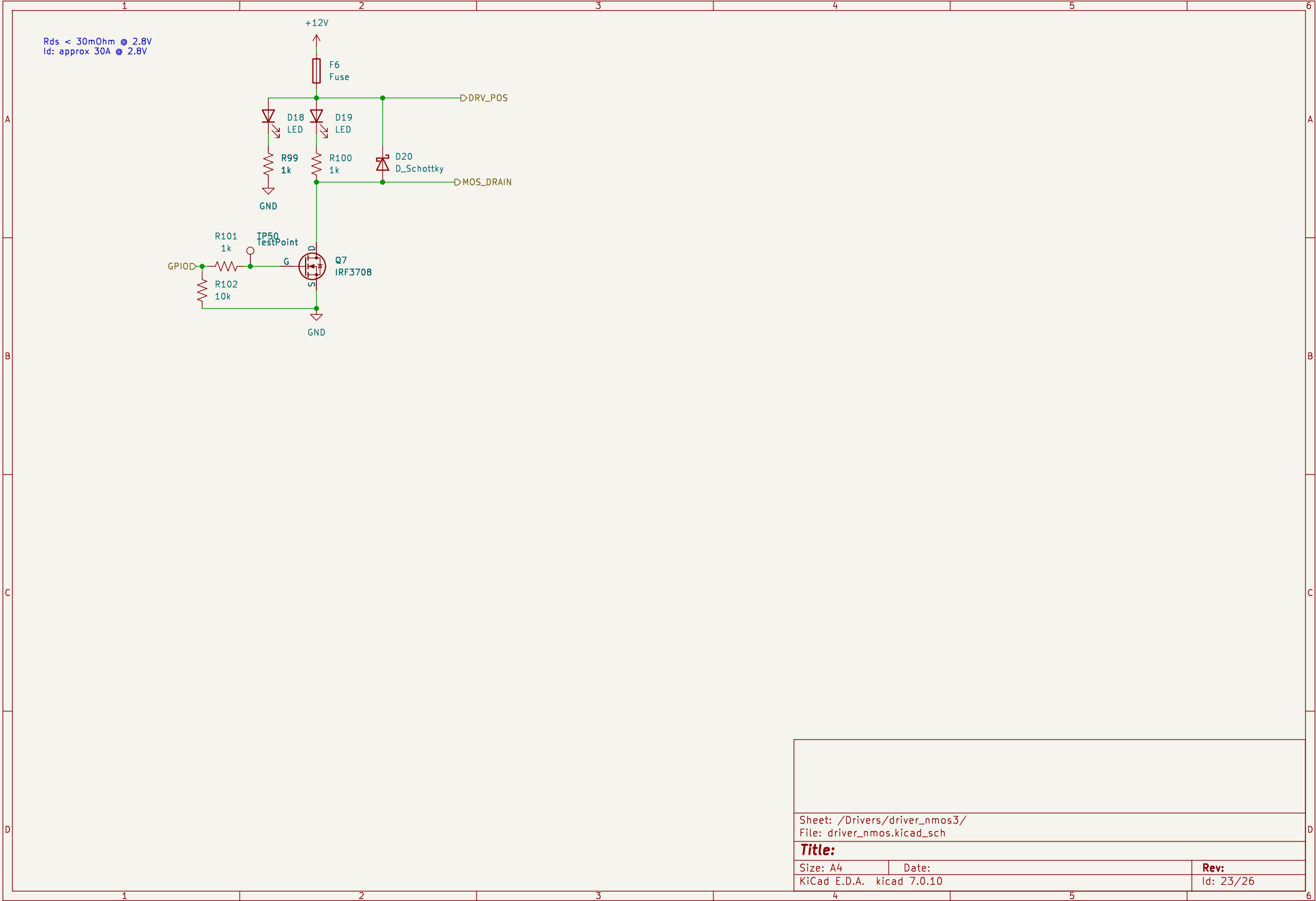
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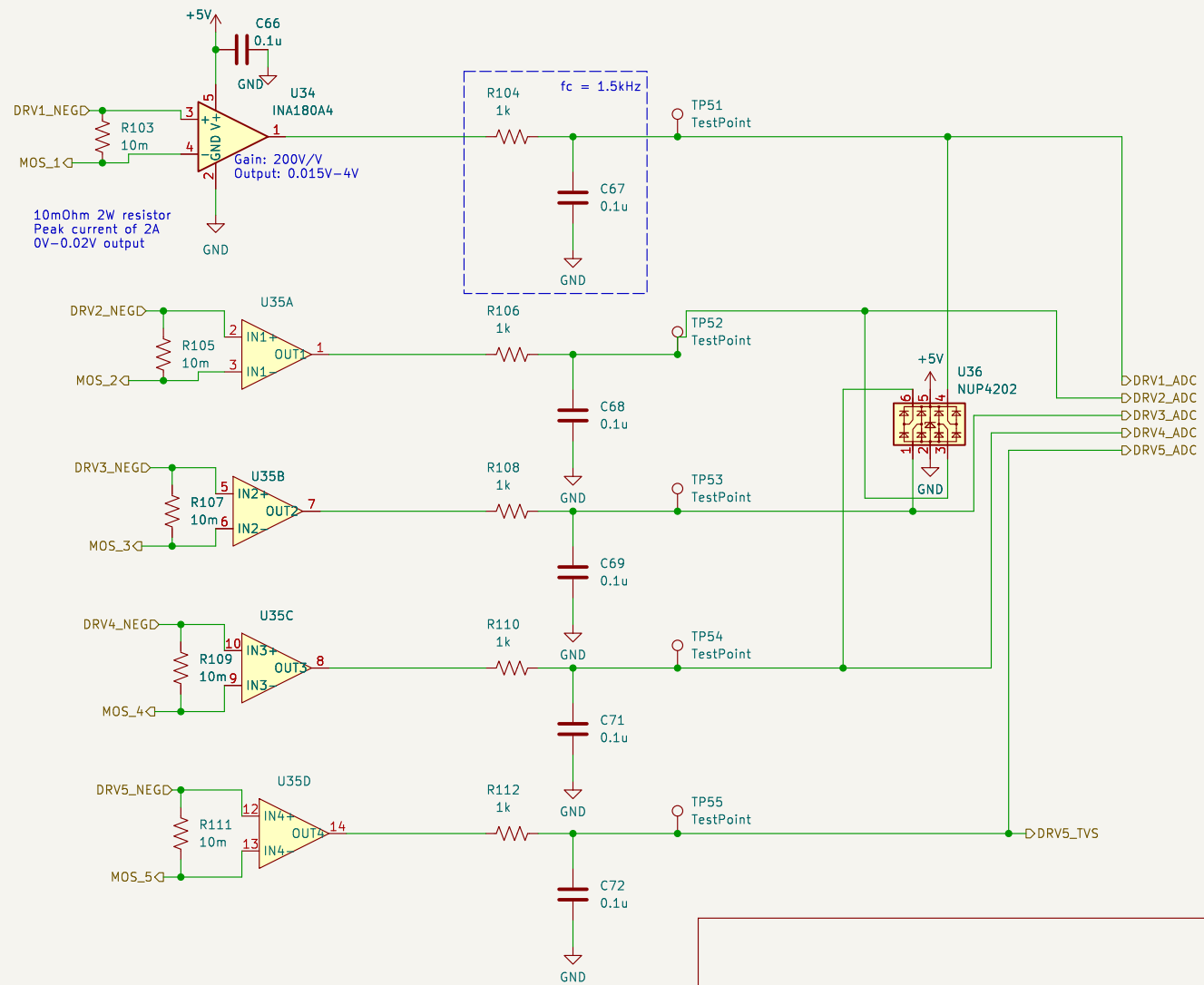
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Date:

**Rev:**

Id: 23/26





Sheet: /Drivers/current monitor/  
File: curr\_monitor.kicad\_sch

**Title:**

Size: A4

Date:

KiCad E.D.A. kicad 7.0.10

**Rev:**

Id: 23/26



