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Thermal Camera

https://github.com/drewsum/Thermal_Camera

A

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Sheet: /

File: Thermal_Camera.kicad_sch

Title: Thermal Camera

Size: A

Date: 2024-05-24

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Rev: PRELIM

Id: 1/30

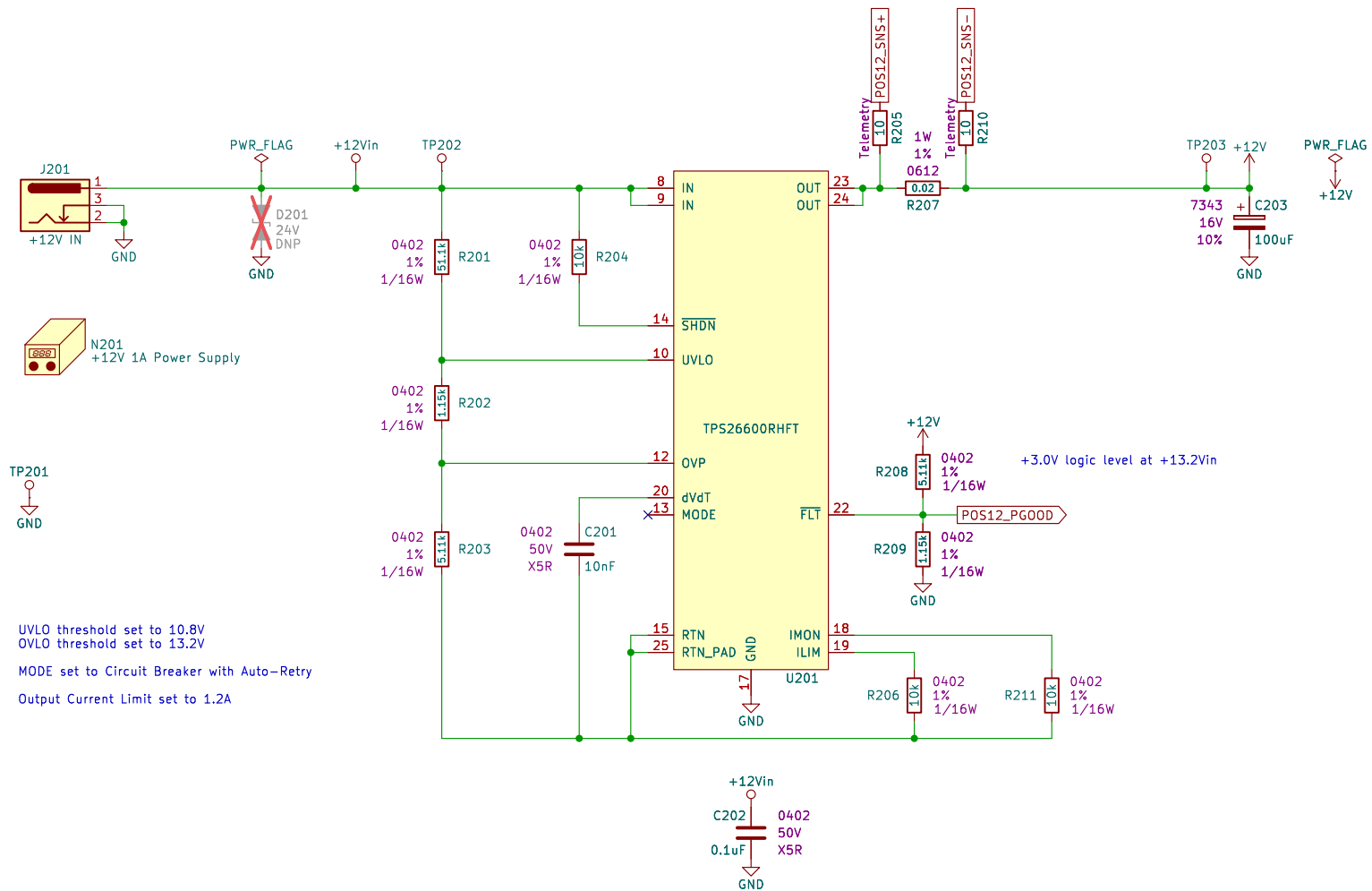
1

2

3

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5



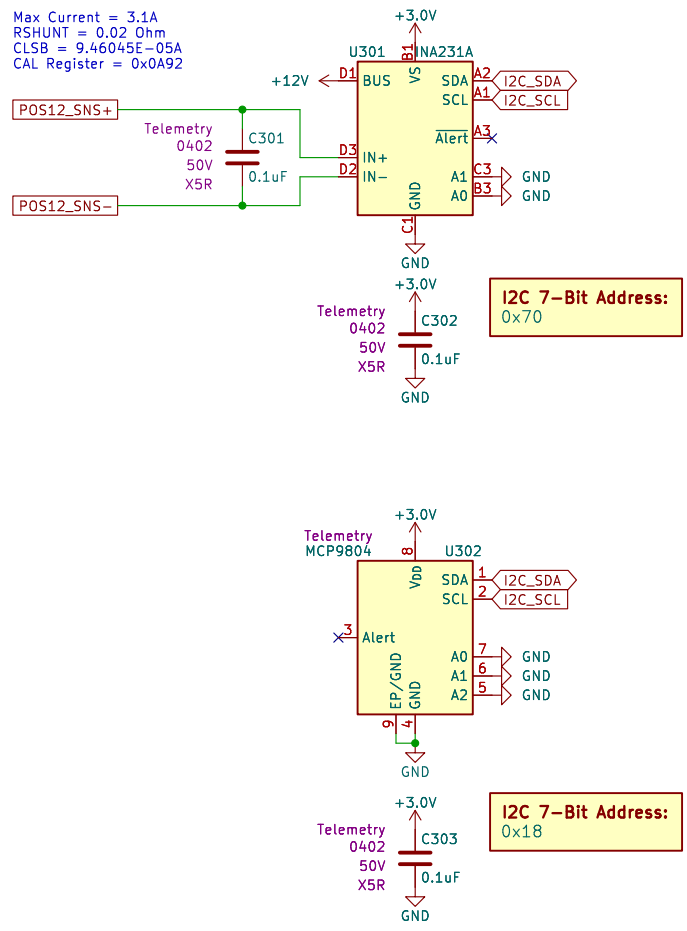
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Size: A Date: 2024-05-24
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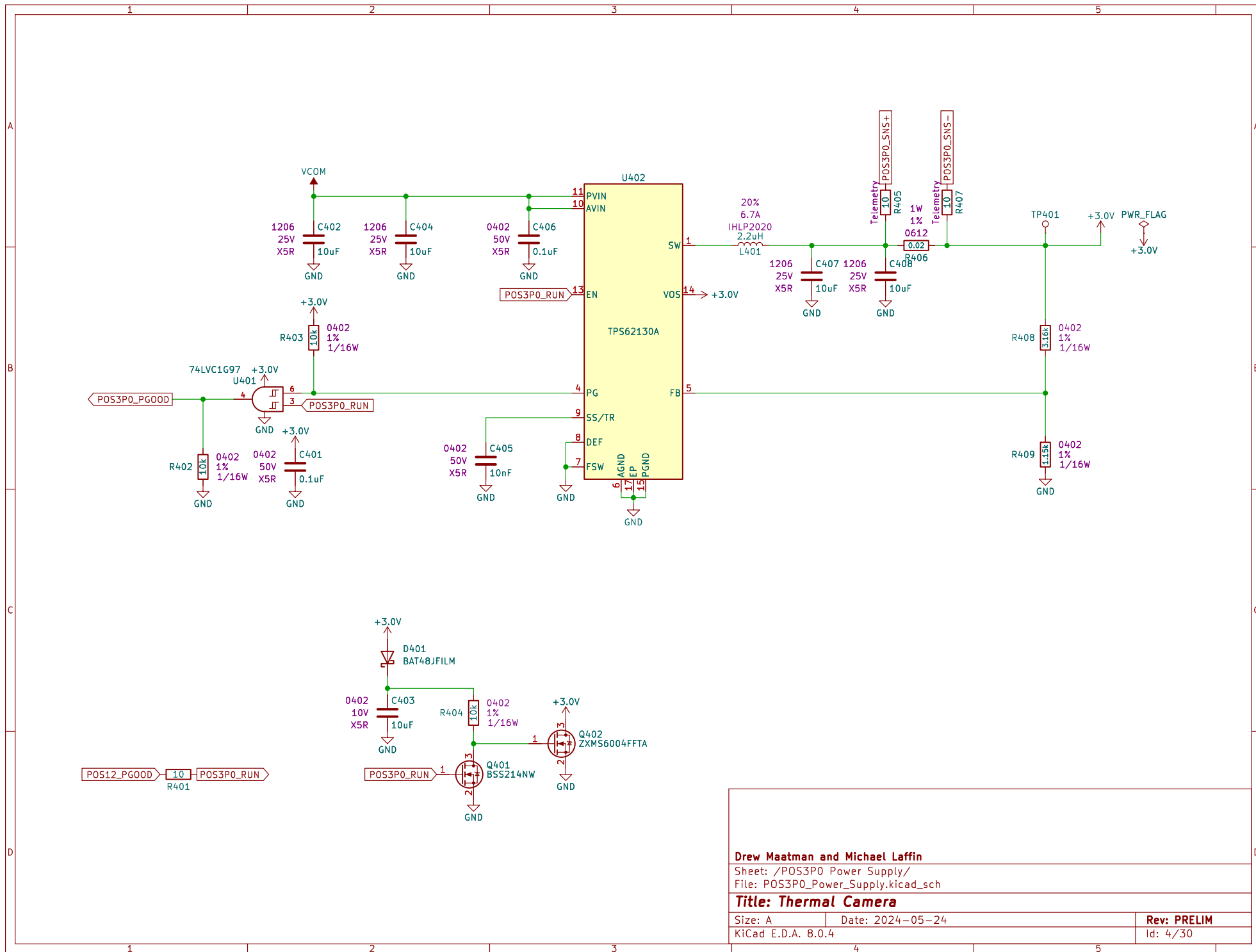
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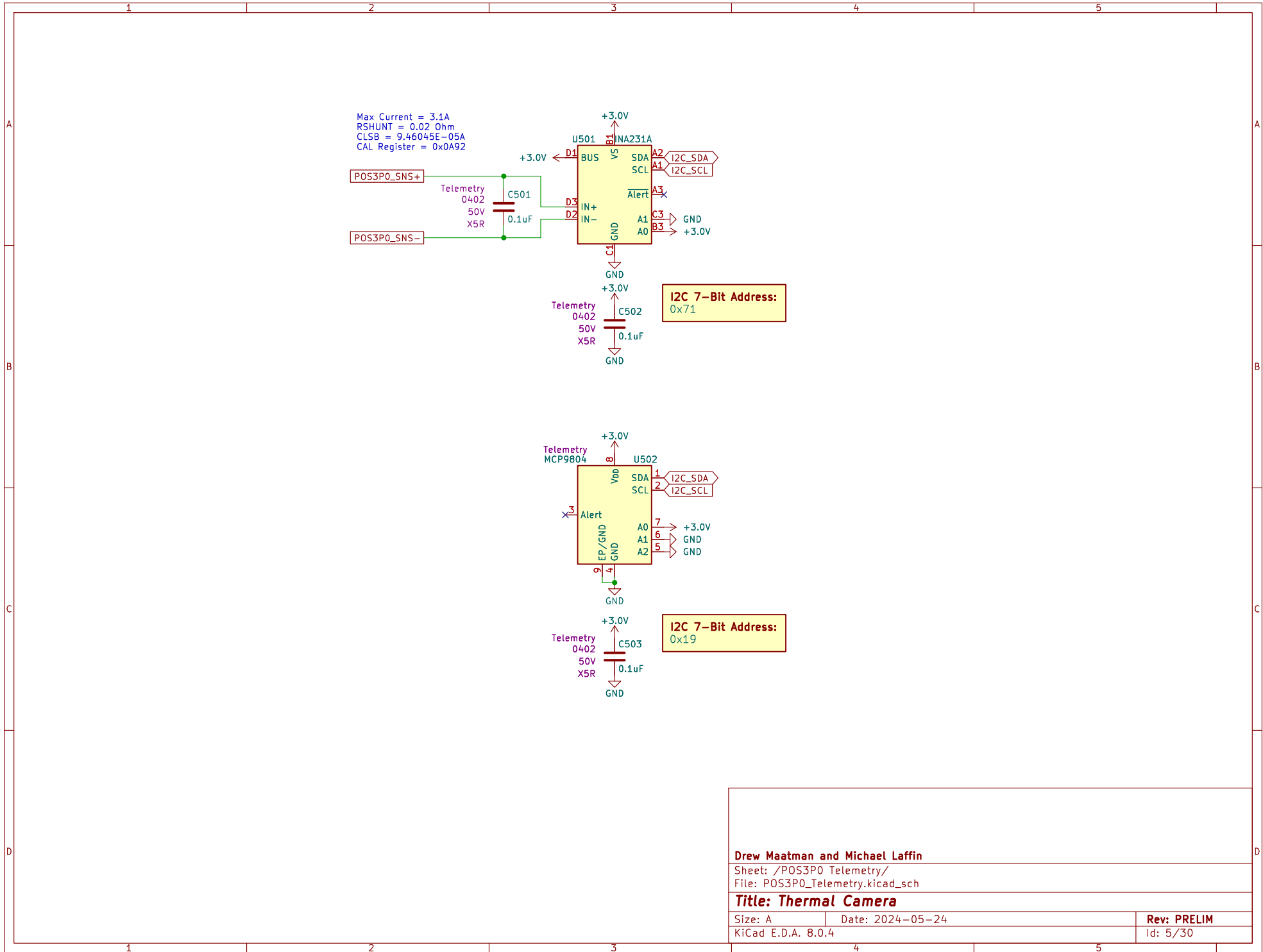
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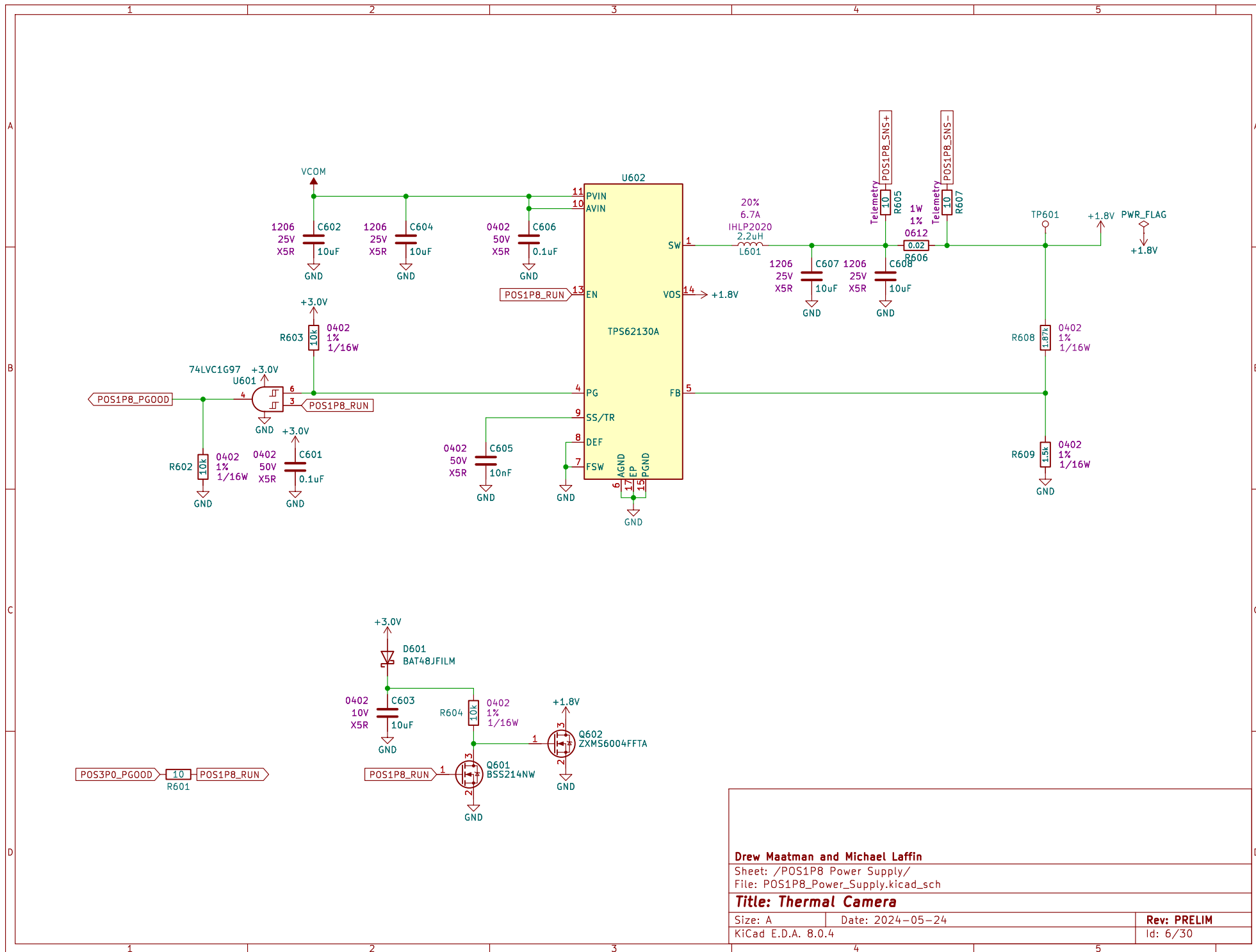
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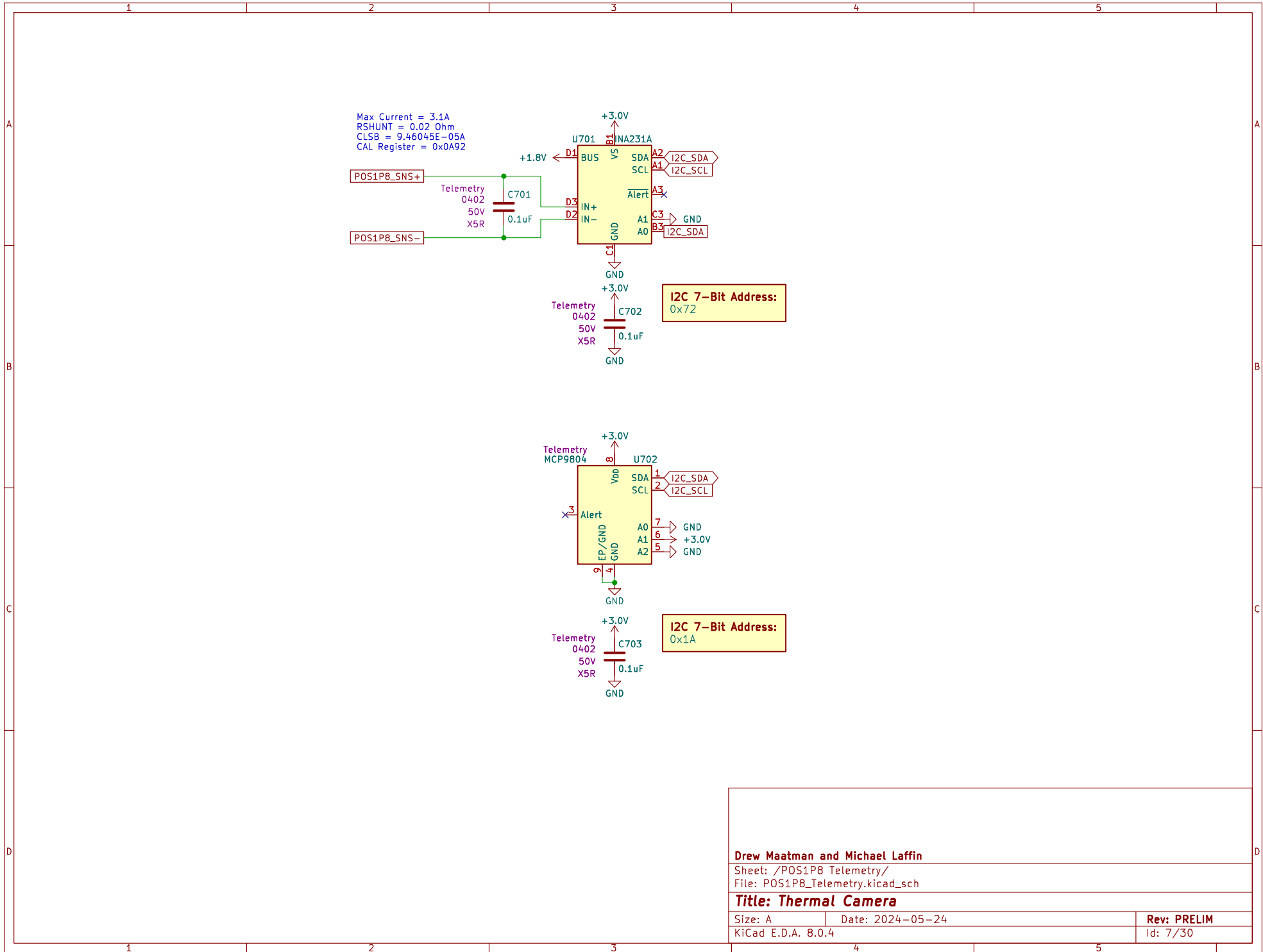
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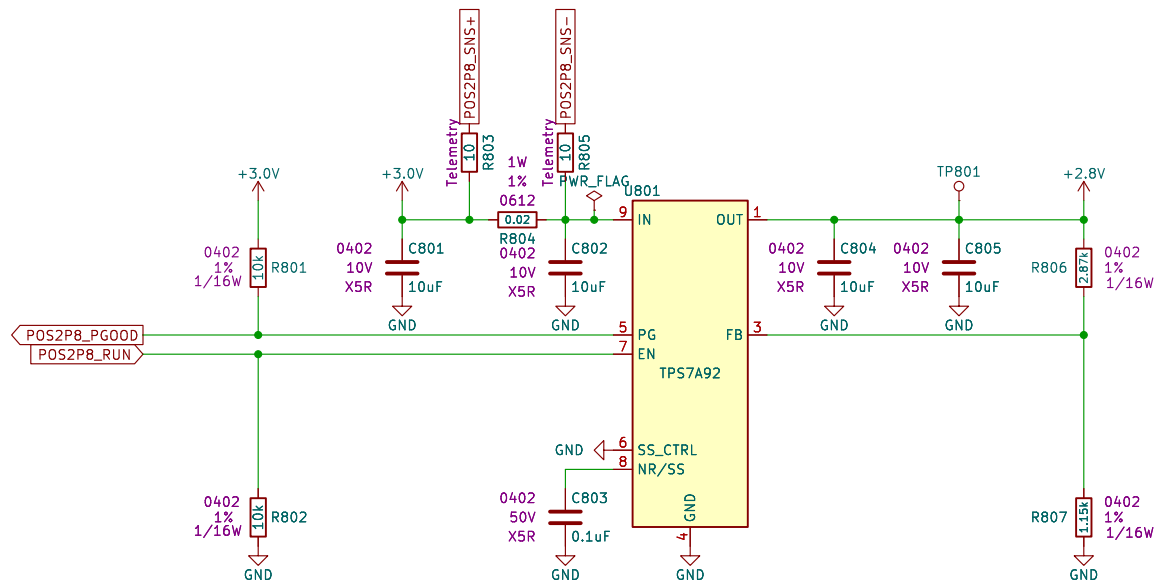
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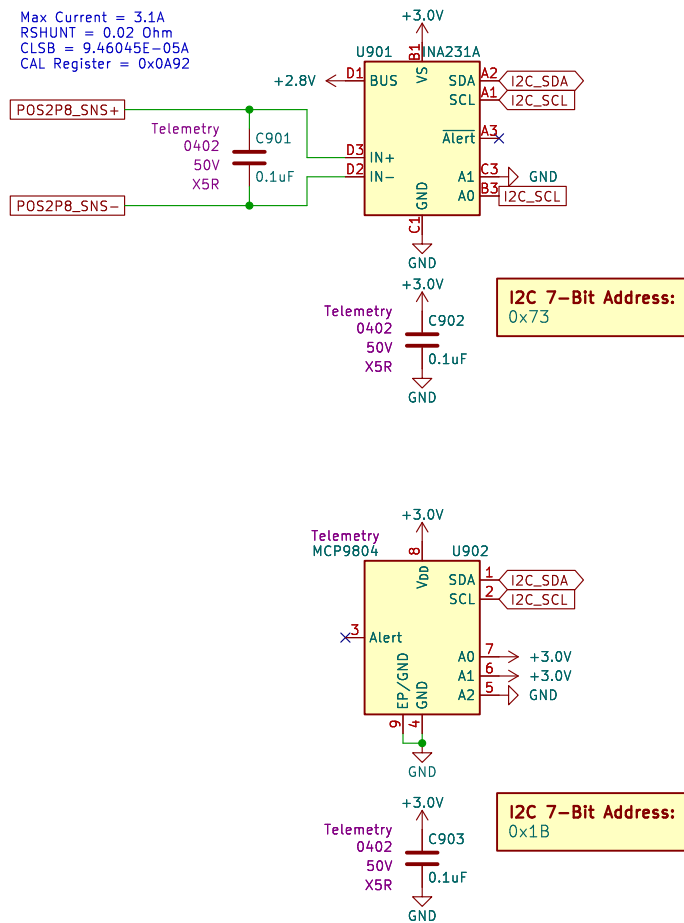
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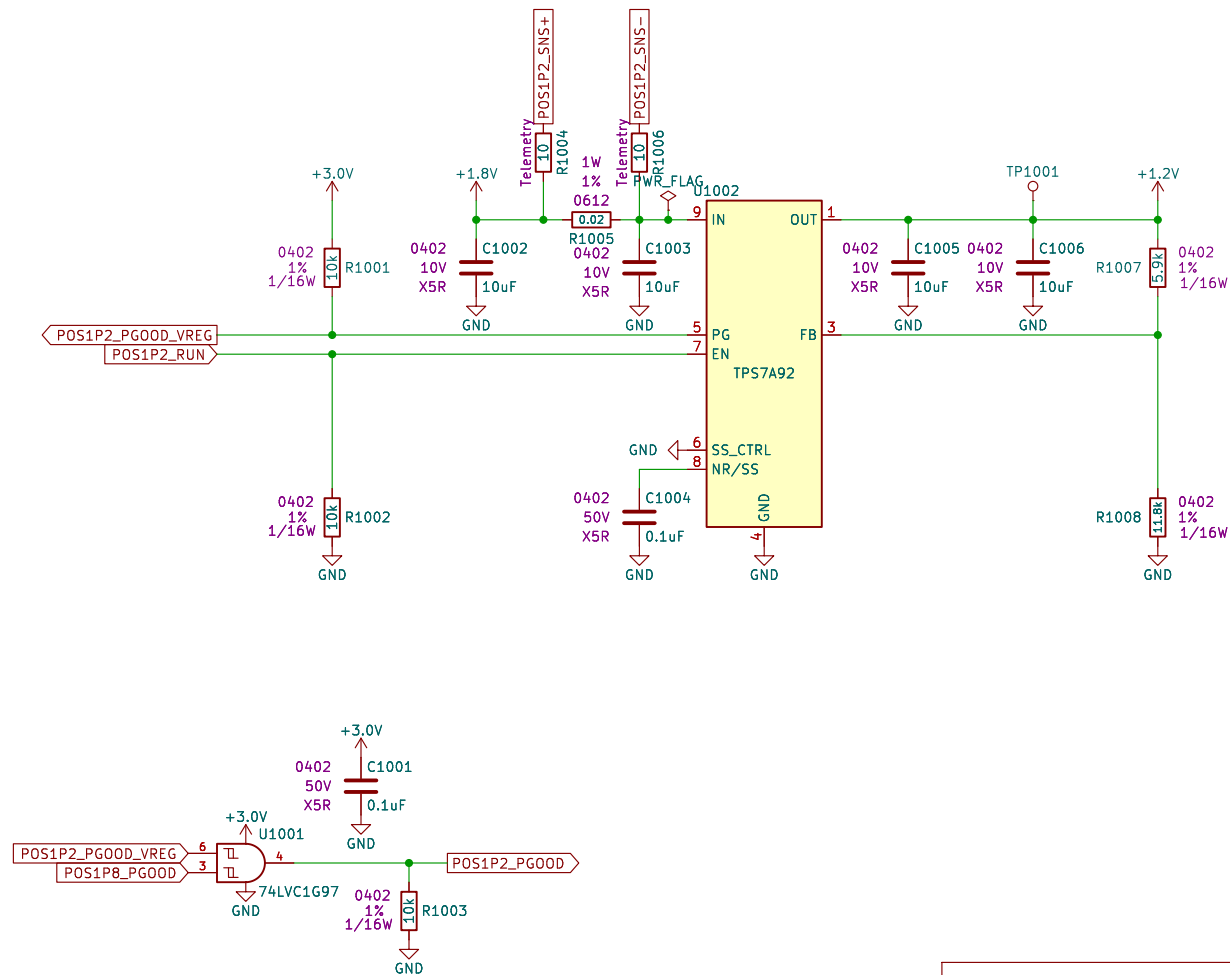
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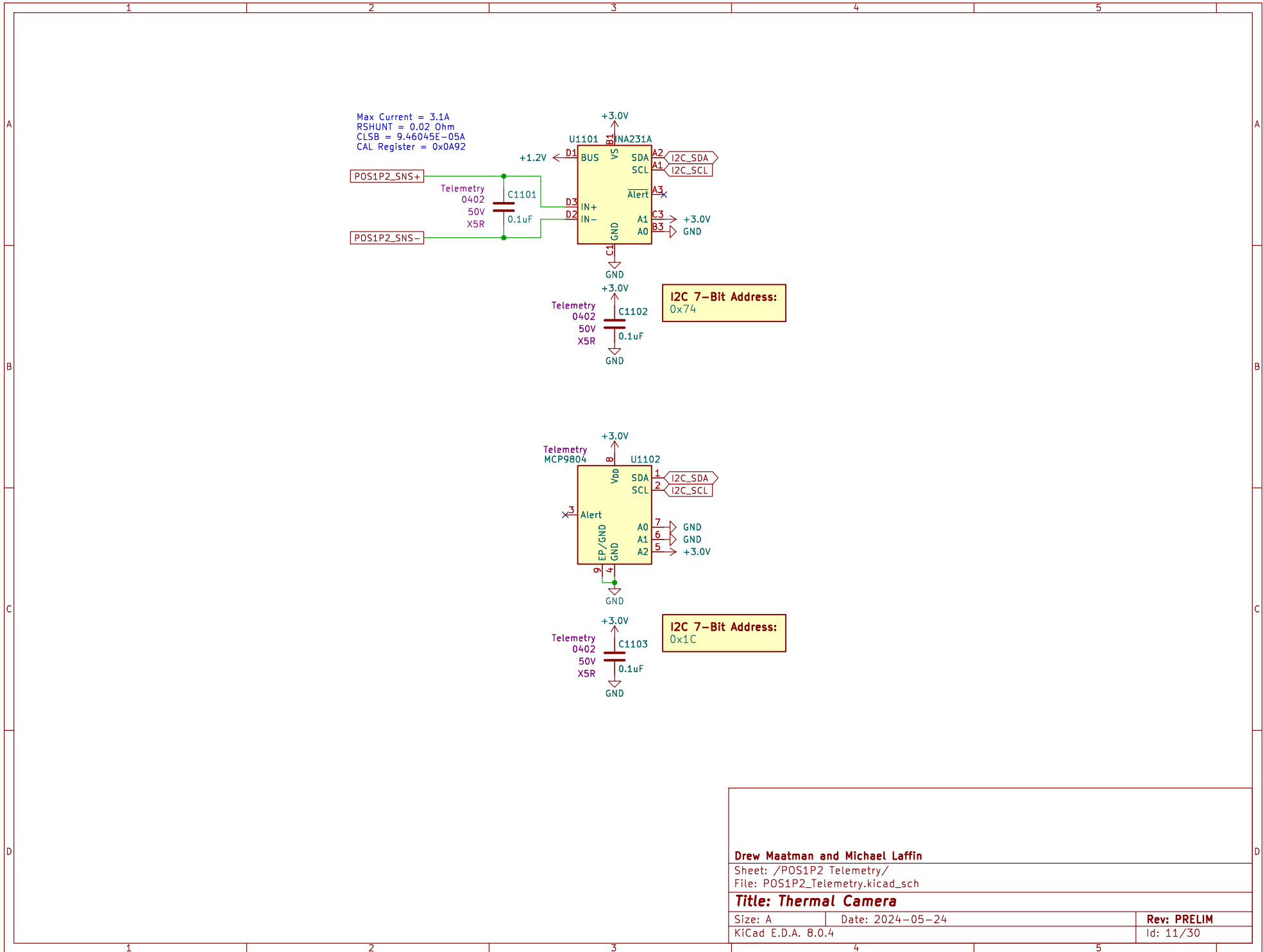
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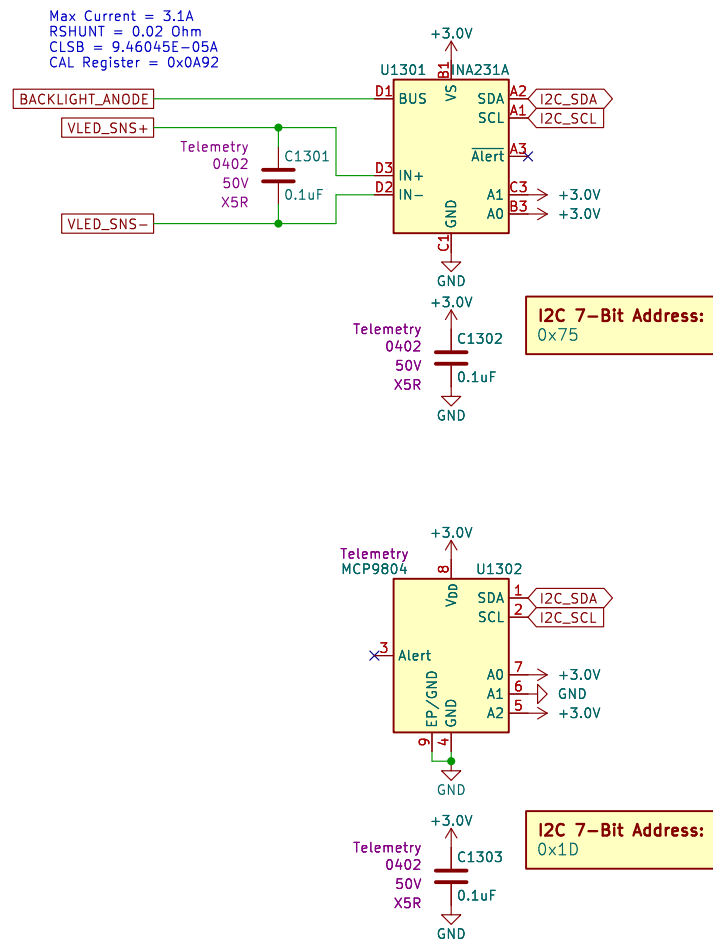
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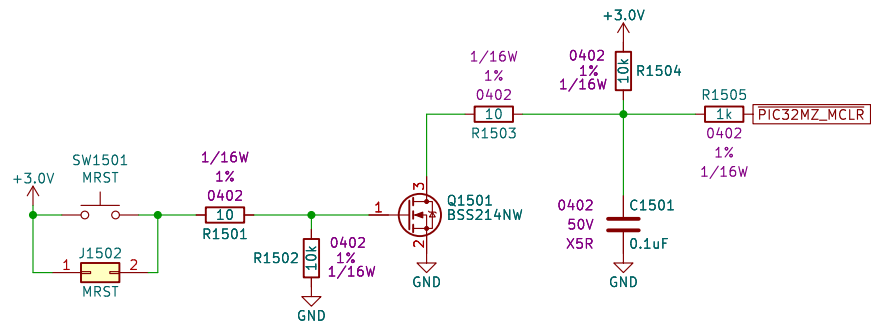
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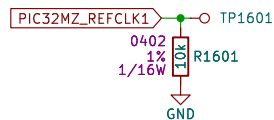
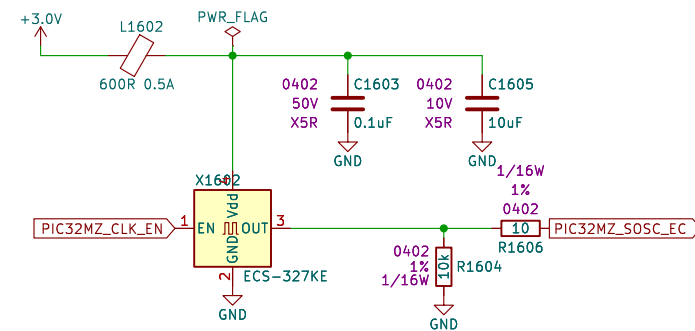
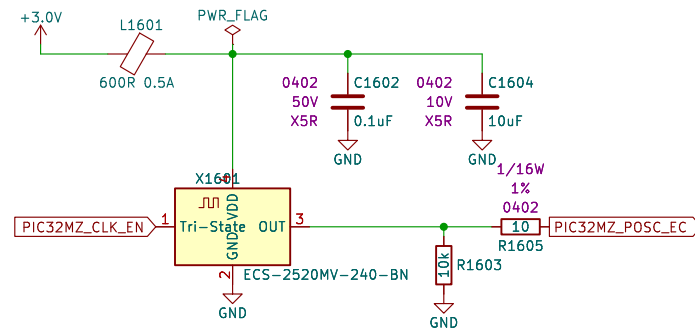
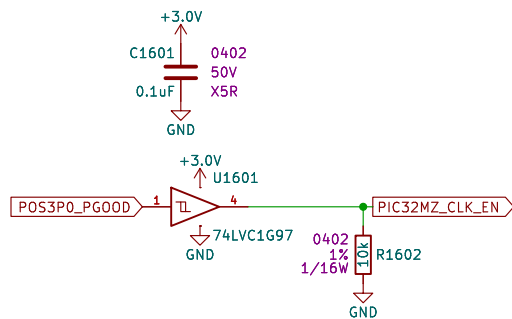
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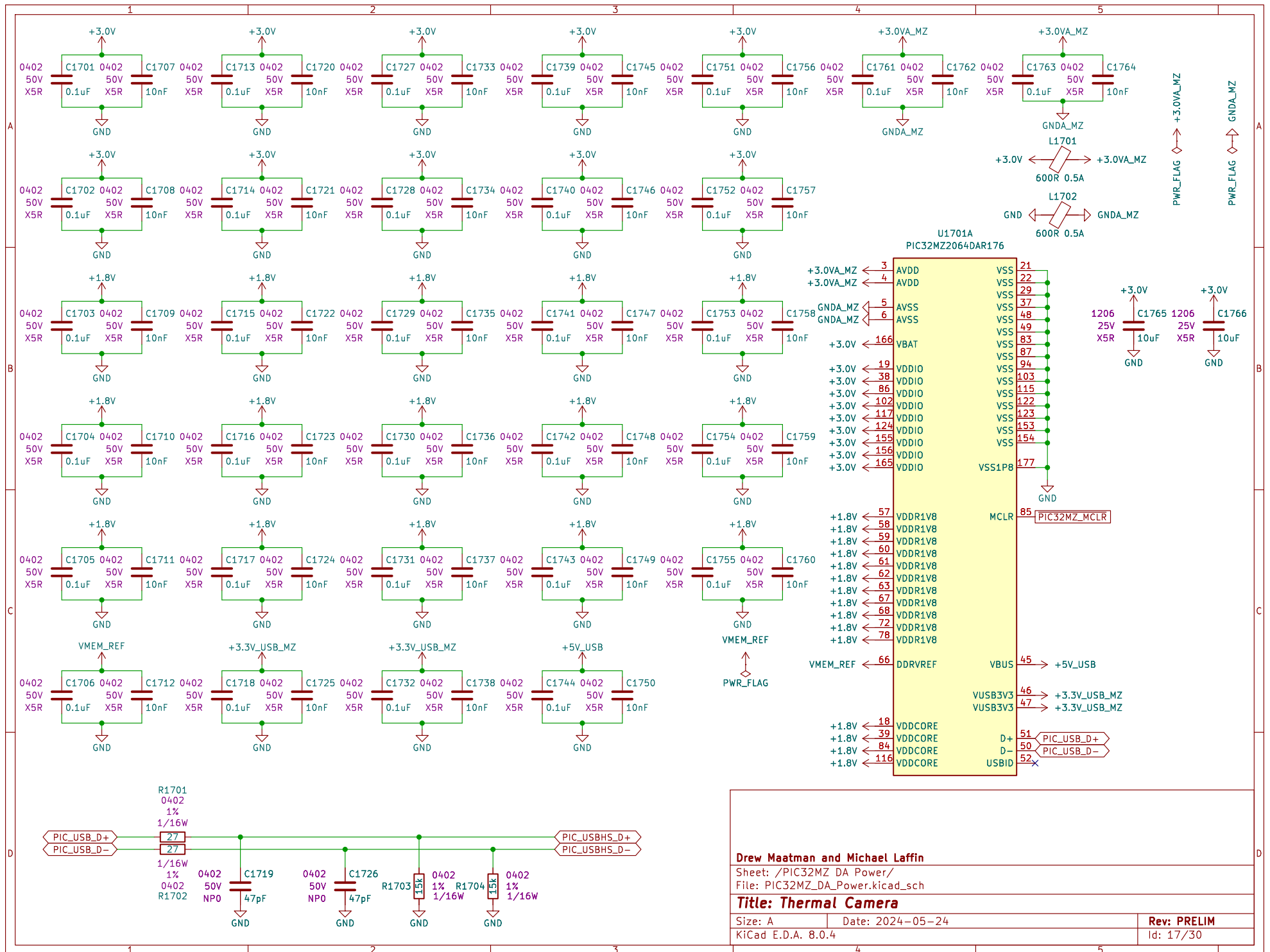
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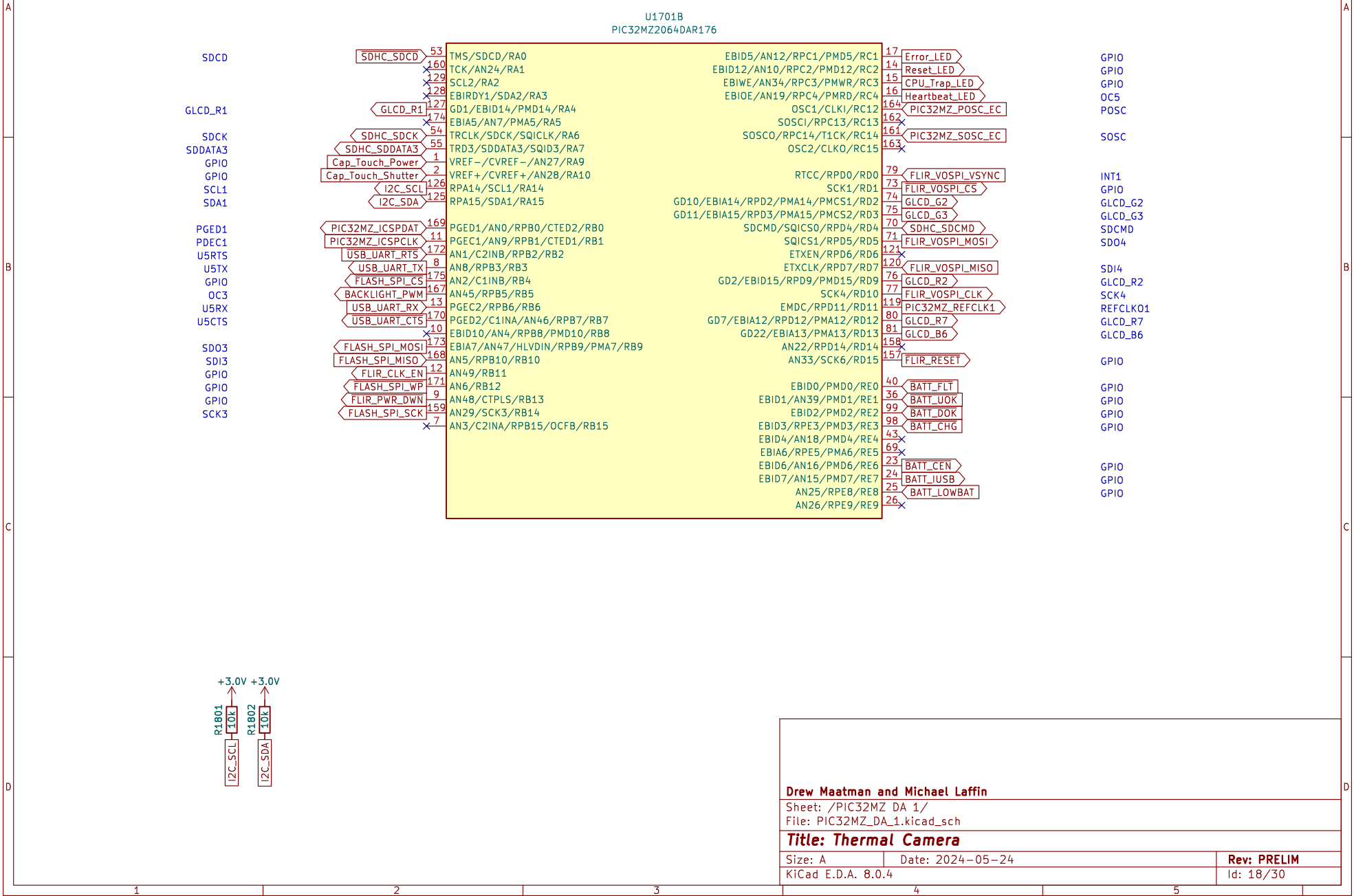
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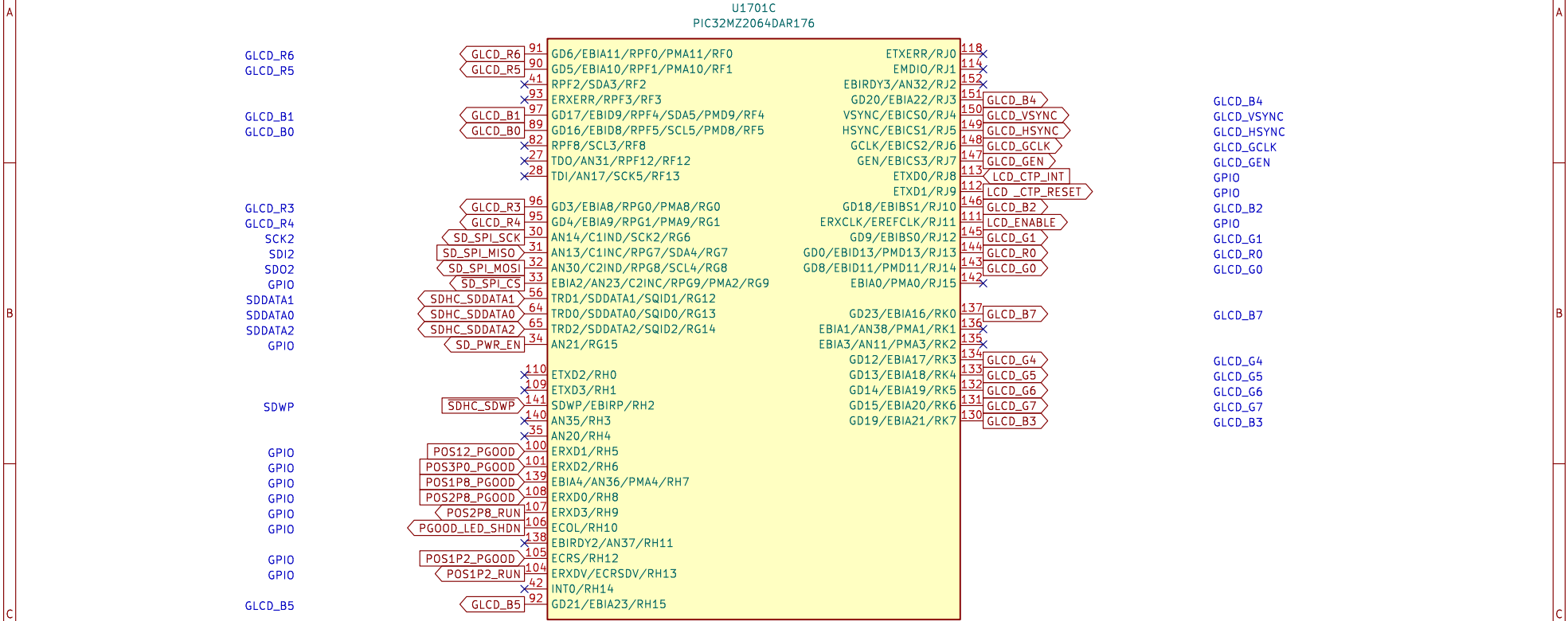
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See TABLE 36-1:RGB COLOR MAPPING for Graphic LCD Pin Mapping



See TABLE 36-1:RGB COLOR MAPPING for Graphic LCD Pin Mapping



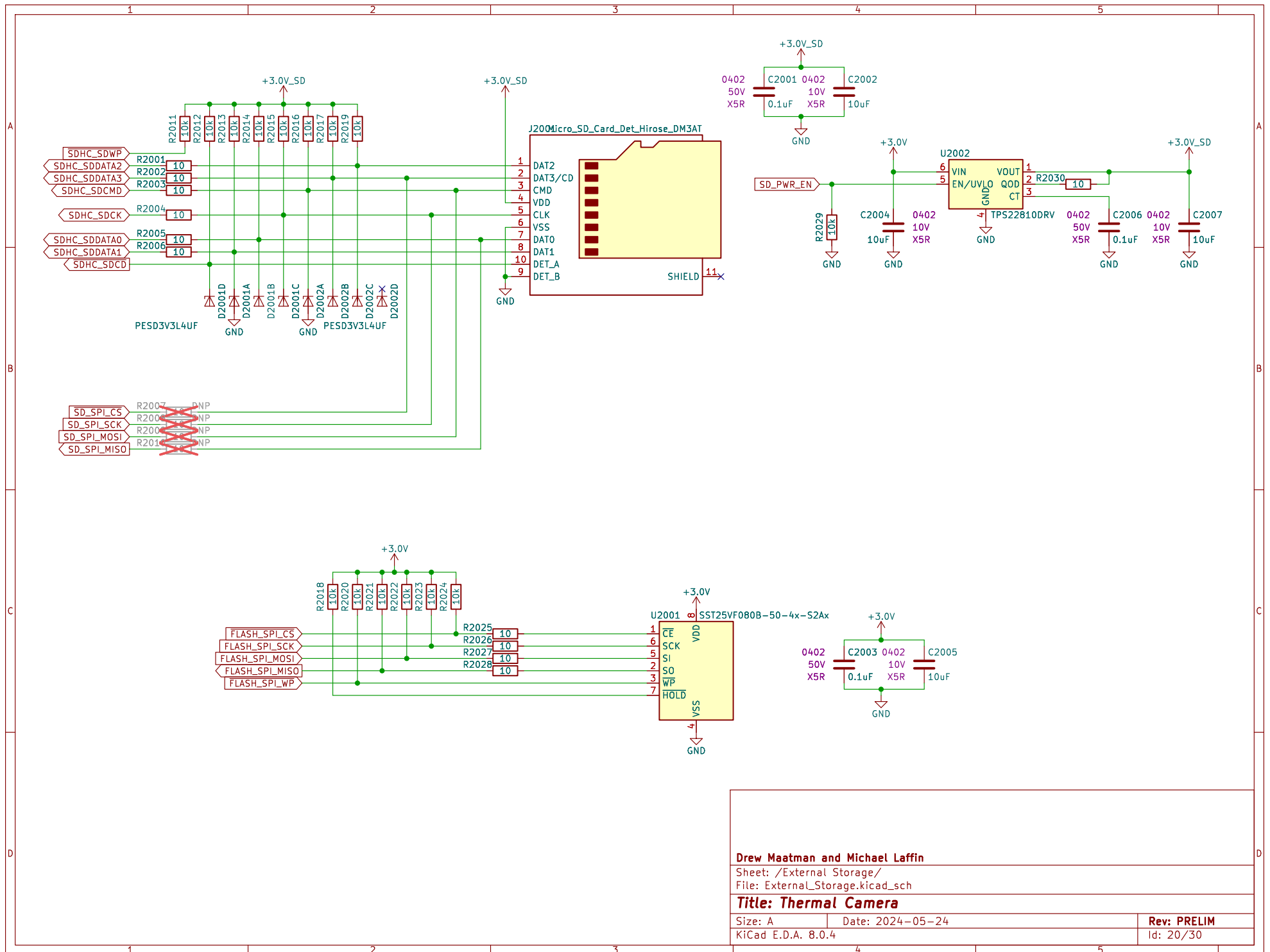
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Title: Thermal Camera

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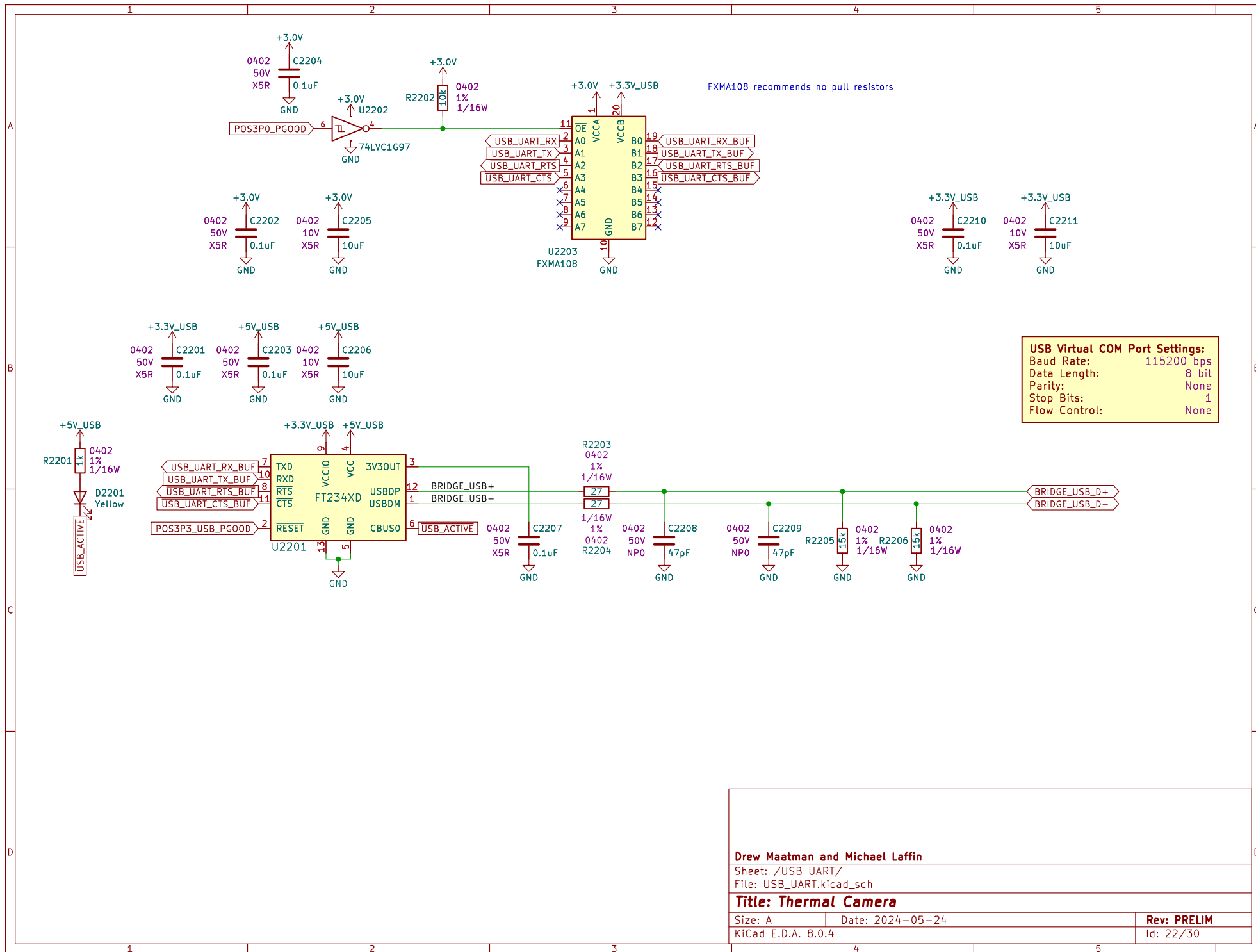
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Sheet: /External Storage/
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Title: Thermal Camera

Size: A Date: 2024-05-24
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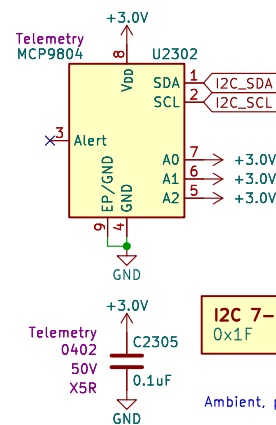
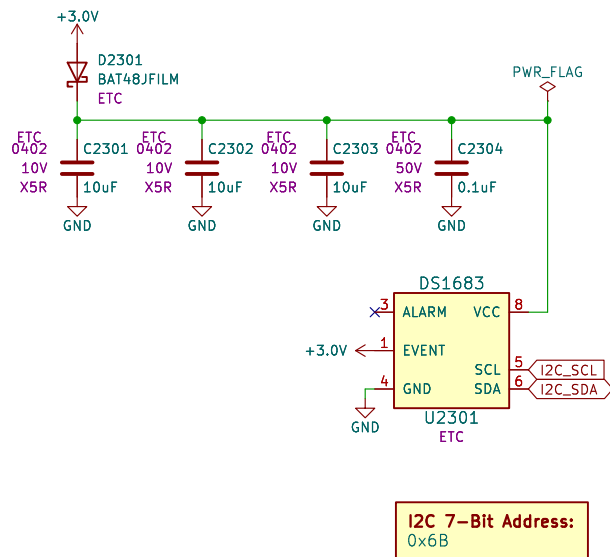
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File: USB_UART.kicad_sch

Title: Thermal Camera

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Sheet: /Elapsed Time Counter/
File: Elapsed_Time_Counter.kicad_sch

Title: Thermal Camera

Size: A Date: 2024-05-24
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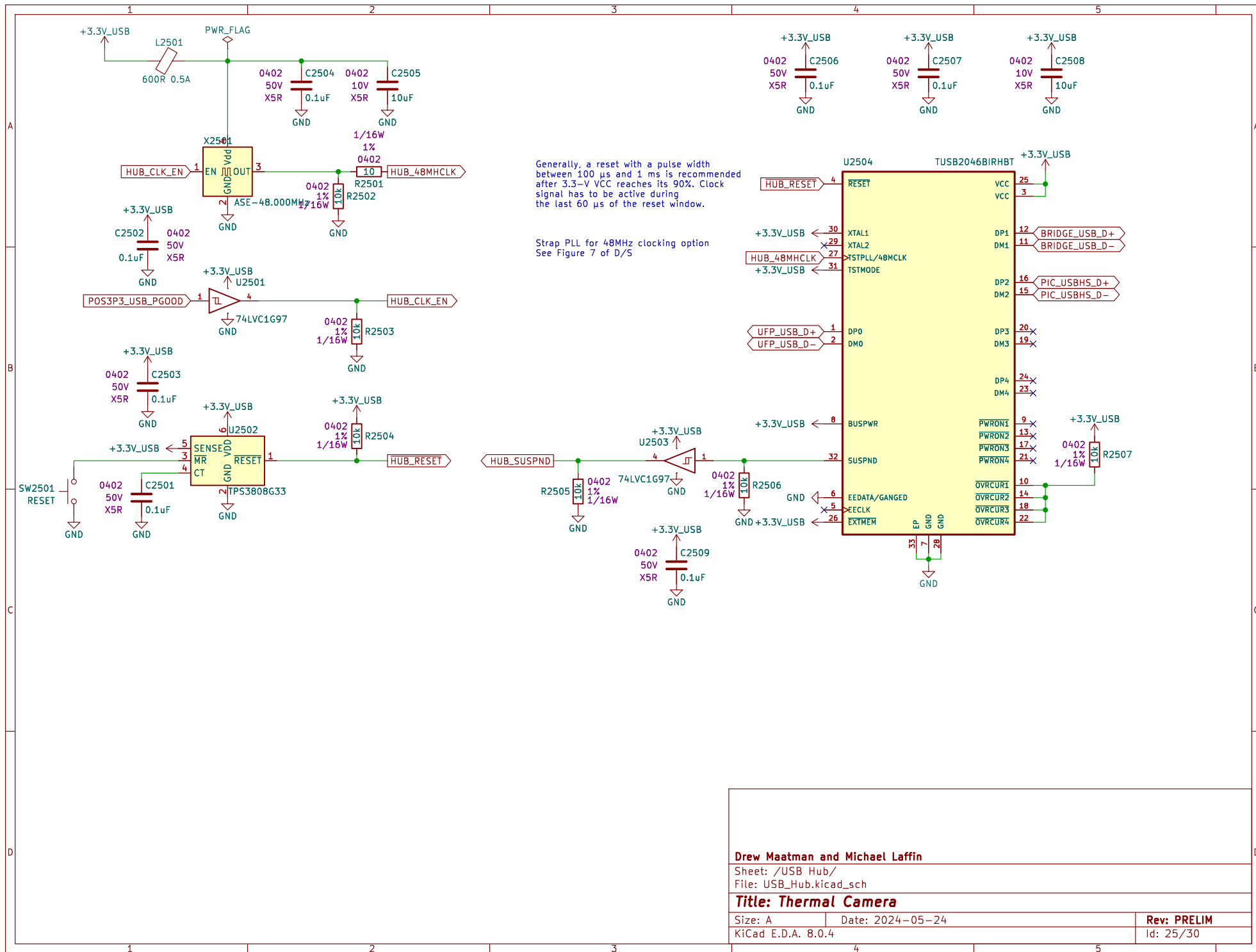
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VDDC: 1.20V (1.14V min, 1.26V max), 50mVpp max ripple, 110mA max draw
VDD: 2.80V (2.72V min, 2.88V max), 30mVpp max ripple, 16mA max draw
VDDIO: 2.8V min, 3.1V max, 50mVpp max ripple, 310mA max draw



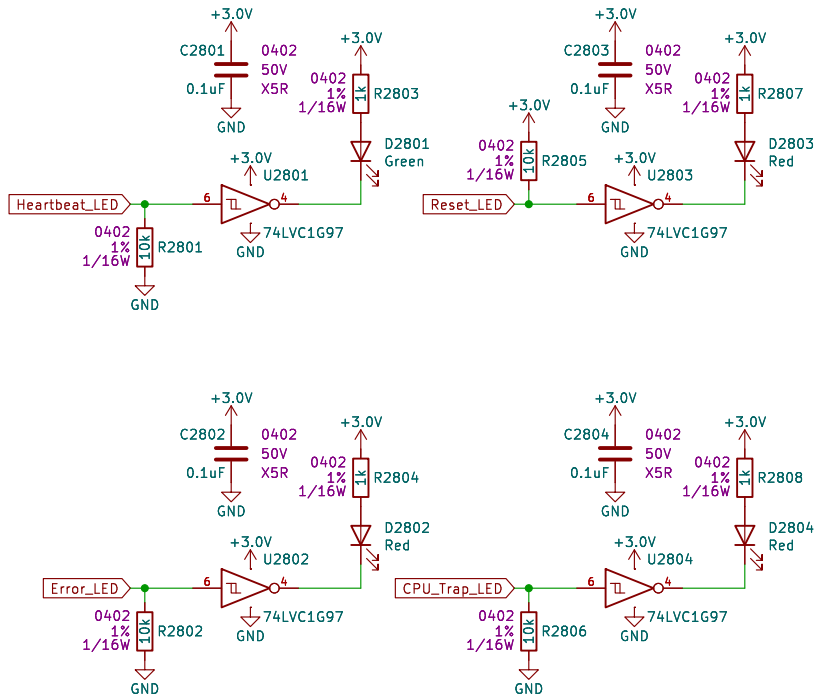
N2401
Lepton3.5 Sensor

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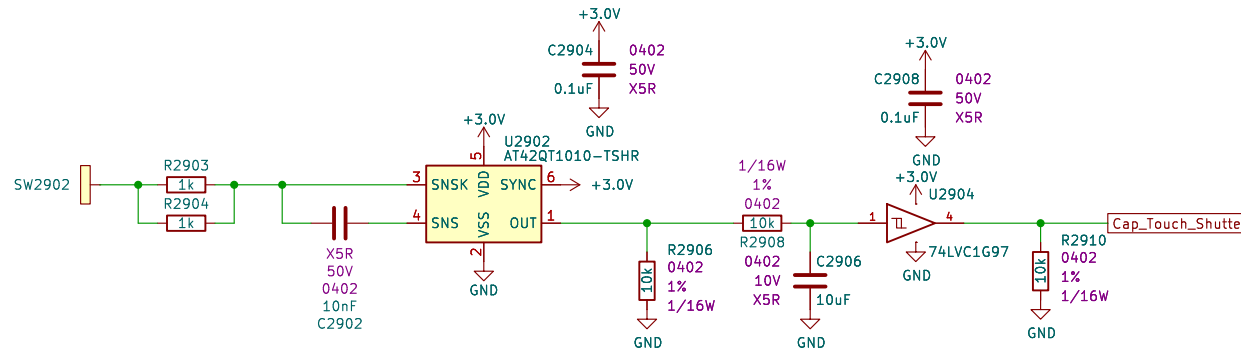
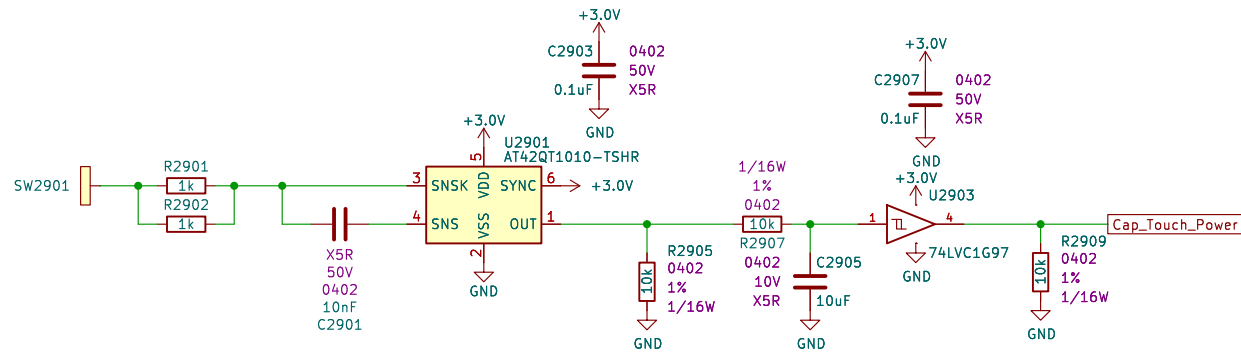
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Sheet: /Capacitive Touch/
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