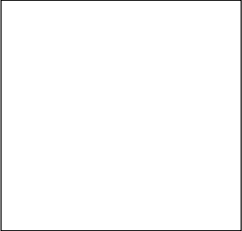


1. Power Supplies

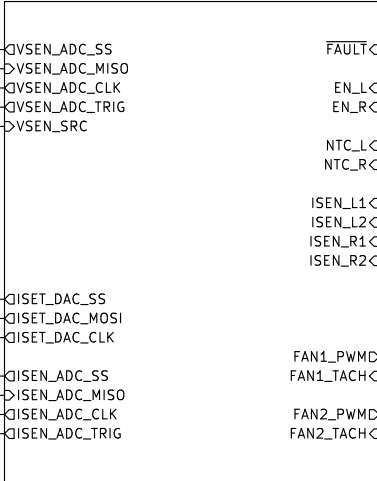


File: schematics/power-supplies.kicad_sch

3. Input Protection & Voltage Sense 2. MCU

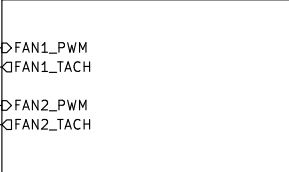


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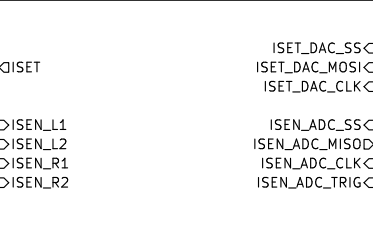
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5. Fan Control



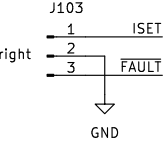
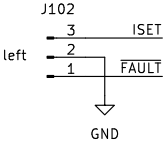
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4. Current Sense & DAC



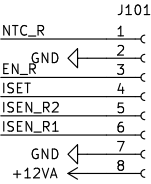
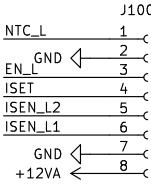
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Connections to neighboring load modules



Left Power Board

Right Power Board



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Sheet: /
File: dclload-control-board.kicad_sch

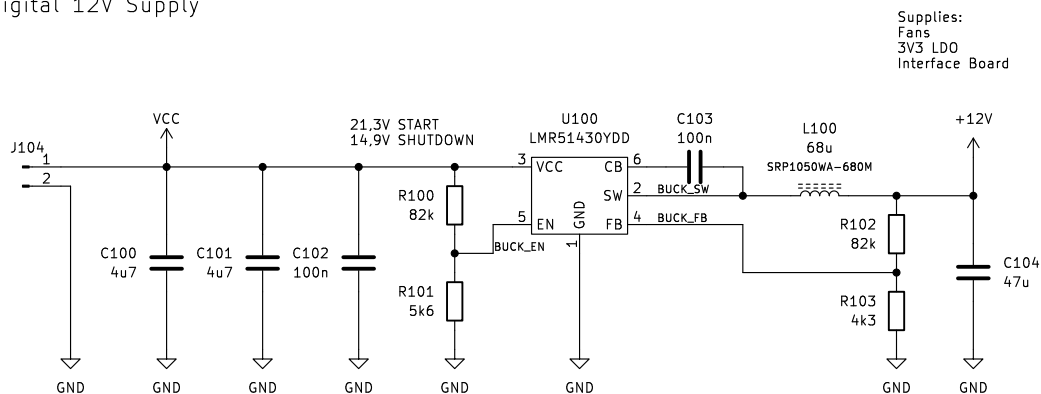
Title: DC Load Control Board

Size: A4 Date: 02/2024

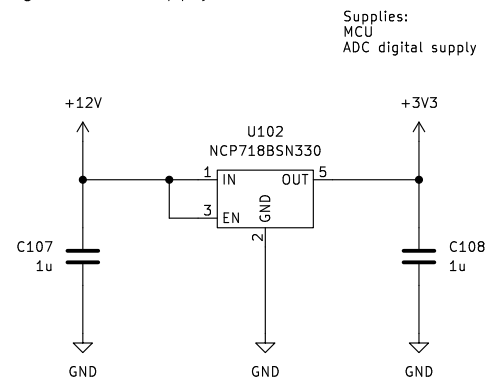
KiCad E.D.A. 8.0.1

Rev:
Id: 1/6

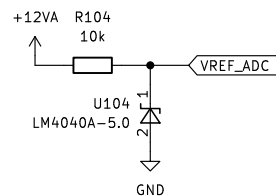
Digital 12V Supply



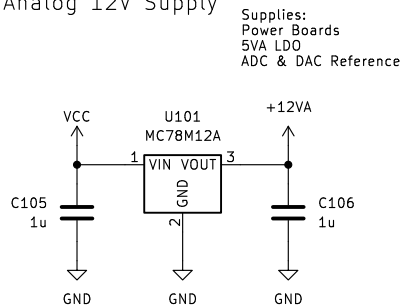
Digital 3V3 Supply



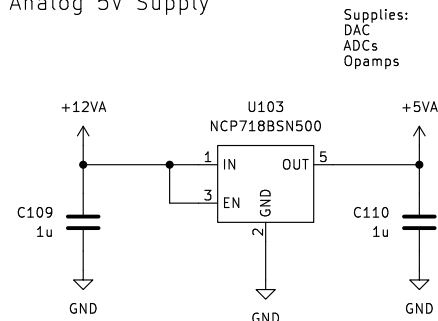
ADC Reference



Analog 12V Supply



Analog 5V Supply



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Sheet: /1. Power Supplies/
File: power-supplies.kicad_sch

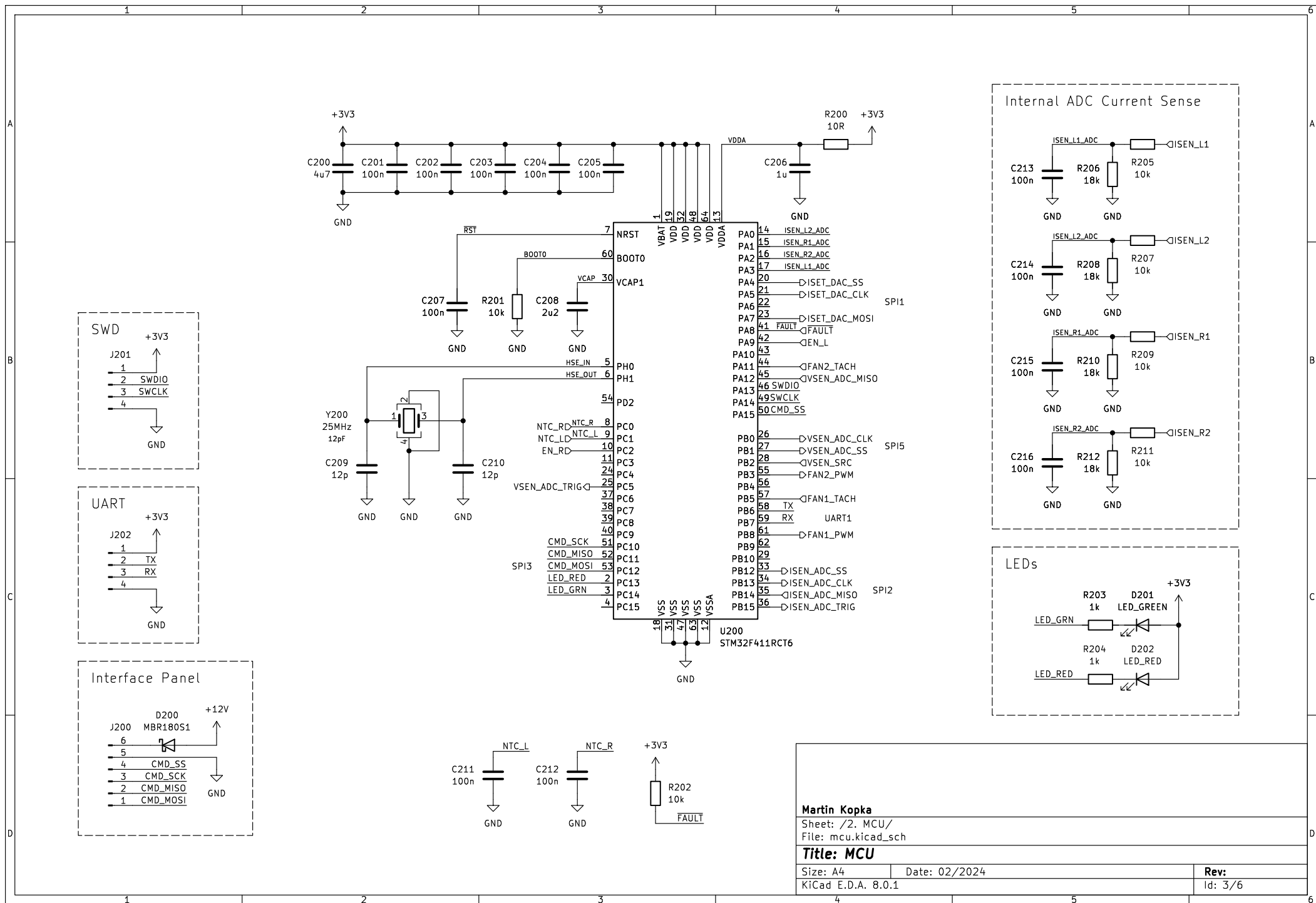
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Size: A4 Date: 02/2024

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Rev:

Id: 2/6



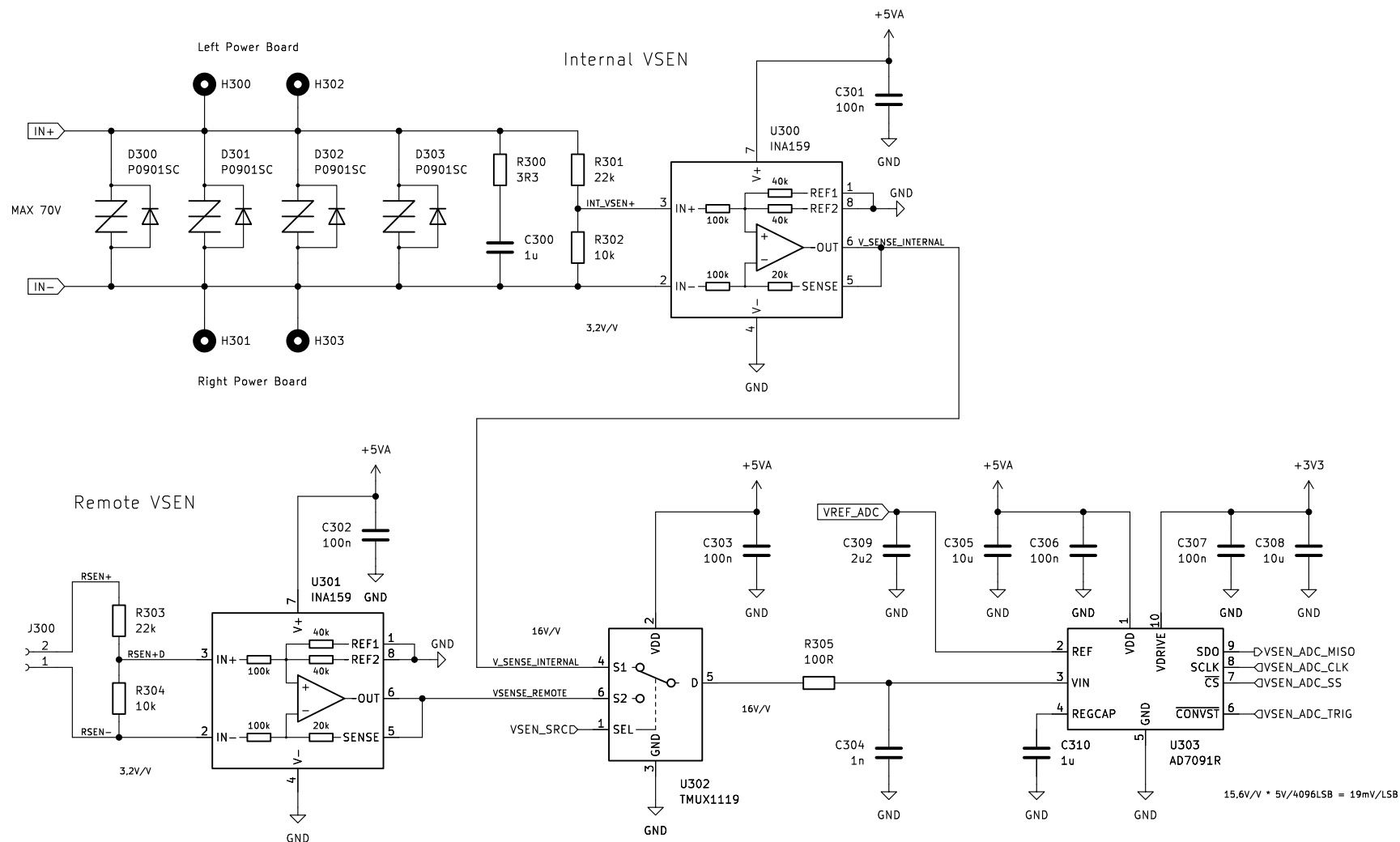
Martin Kopka

Sheet: /2. MCU/
File: mcu.kicad_sch

Title: MCU

Size: A4 Date: 02/2024
KiCad E.D.A. 8.0.1

Rev:
Id: 3/6



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Sheet: /3. Input Protection & Voltage Sense/

File: input-dac-adc.kicad_sch

Title: Input Protection & Voltage Sense

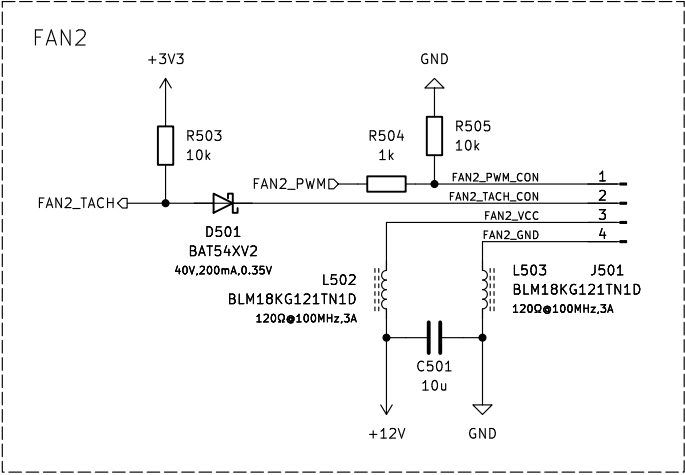
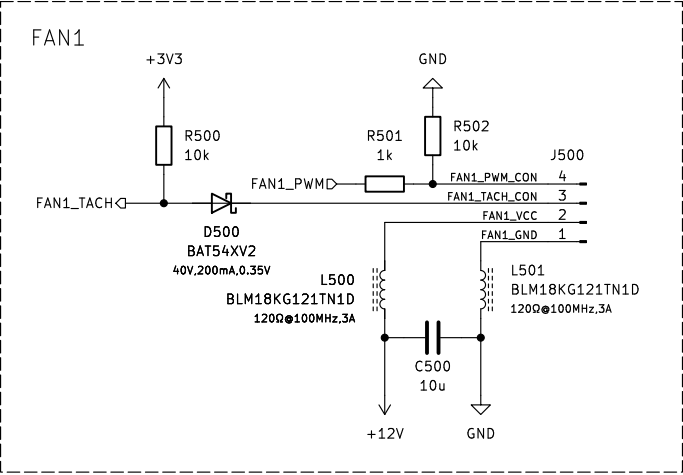
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Date: 02/2024

Rev:

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Id: 4/6



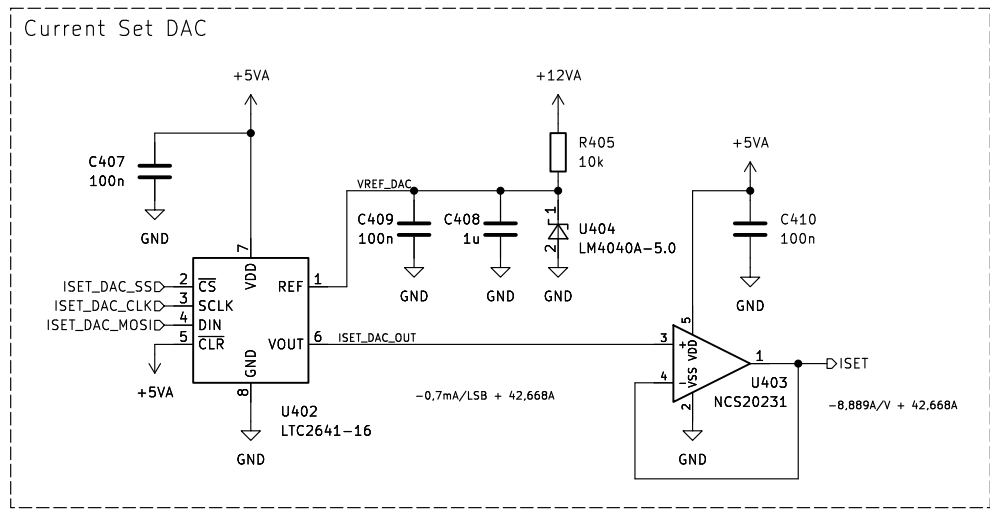
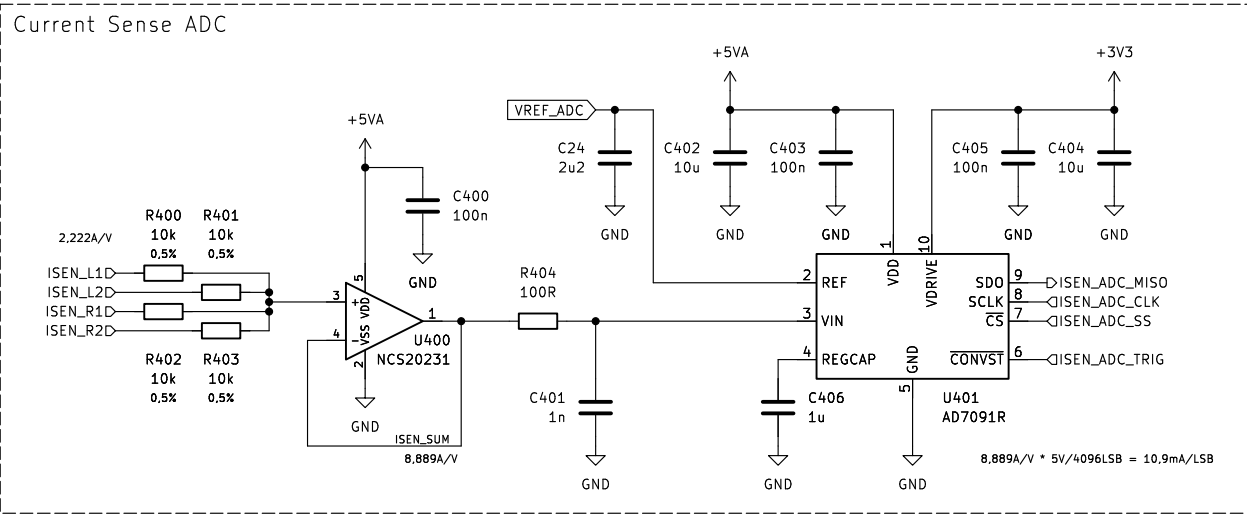
Martin Kopka

Sheet: /5. Fan Control/
File: fan-control.kicad_sch

Title: Fan Control

Size: A4 Date: 02/2024
KiCad E.D.A. 8.0.1

Rev:
Id: 5/6



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Sheet: /4. Current Sense & DAC/

File: current-sense-dac.kicad_sch

Title: Current Sense & DAC

Size: A4

Date: 02/2024

KiCad E.D.A. 8.0.1

Rev:

Id: 6/6