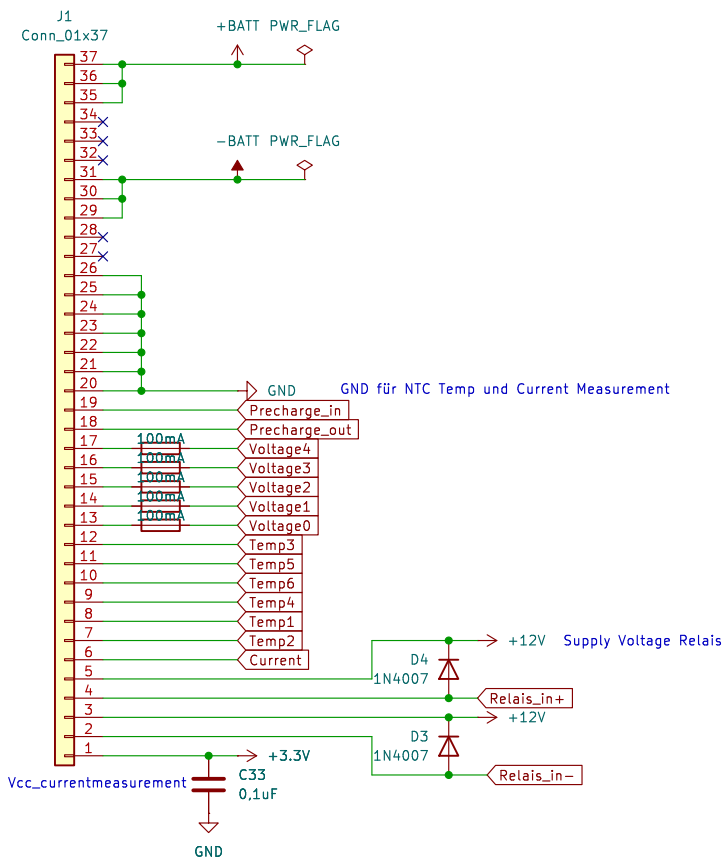


	1	2	3	4	5	6
A	<div>Connectors</div> <div>File: Connectors.kicad_sch</div>	<div>DCDC</div> <div>File: DCDC.kicad_sch</div>				
B	<div>Voltage Measurement</div> <div>File: Voltage Measurement.kicad_sch</div>	<div>Temperature Measurement</div> <div>File: Temperature Measurement.kicad_sch</div>	<div>Current Measurement</div> <div>File: Current Measurement.kicad_sch</div>			
C	<div>Main Contactor Control</div> <div>File: Main Contactor Control.kicad_sch</div>	<div>Precharge</div> <div>File: Precharge.kicad_sch</div>	<div>uC</div> <div>File: uC.kicad_sch</div>			
D						<div>Sheet: / File: BMS_PCB.kicad_sch</div> <div>Title: Schematic BMS PCB</div> <div>Size: A4Date: 2025-04-09</div> <div>KiCad E.D.A. 9.0.0Rev: Id: 1/9</div>
	1	2	3	4	5	6



Sheet: /Connectors/
File: Connectors.kicad_sch

Title:

Size: A4 Date:

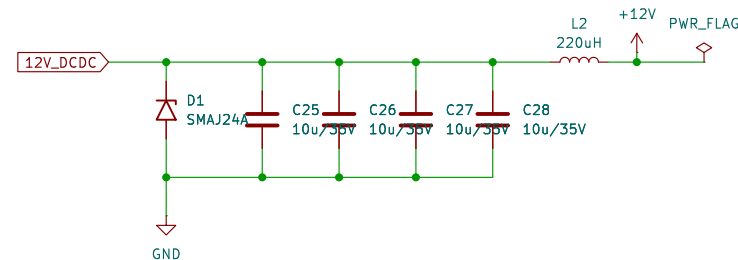
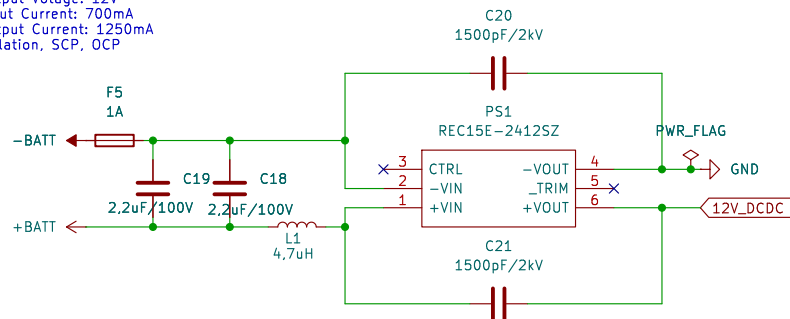
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Id: 2/9

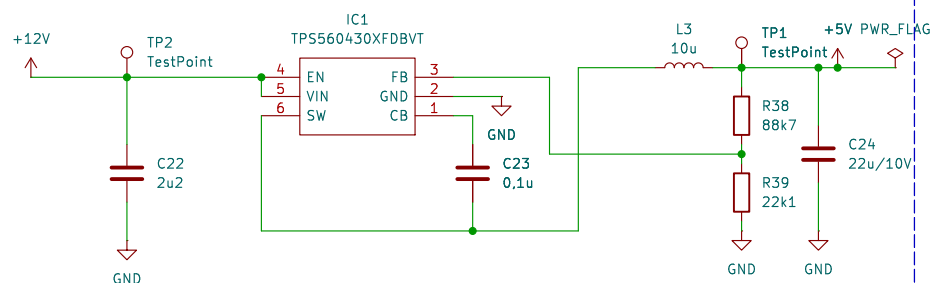
DC/DC - Battery to 12V

Input Voltage Range: 9 - 36V
Output Voltage: 12V
Input Current: 700mA
Output Current: 1250mA
Isolation, SCP, OCP



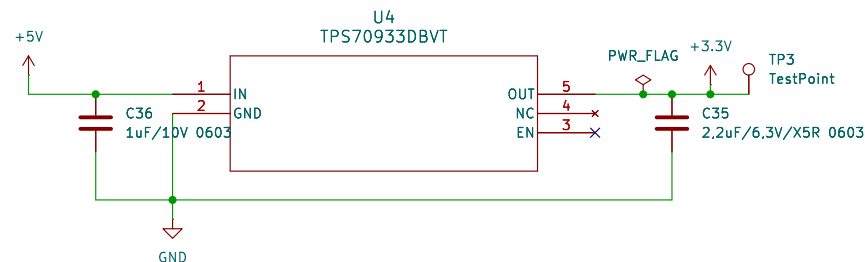
DC/DC - 12V to 5V

Input Voltage Range: 4 - 36V
Output Voltage: 5V (Adjustable Output Voltage)
Output Current: 600mA
OCP, SCP, Soft Start



DC/DC - 5V to 3.3V

LDO
Output Voltage: 3.3V
Output Current: 150mA



Sheet: /DCDC/
File: DCDC.kicad_sch

Title:

Size: A4

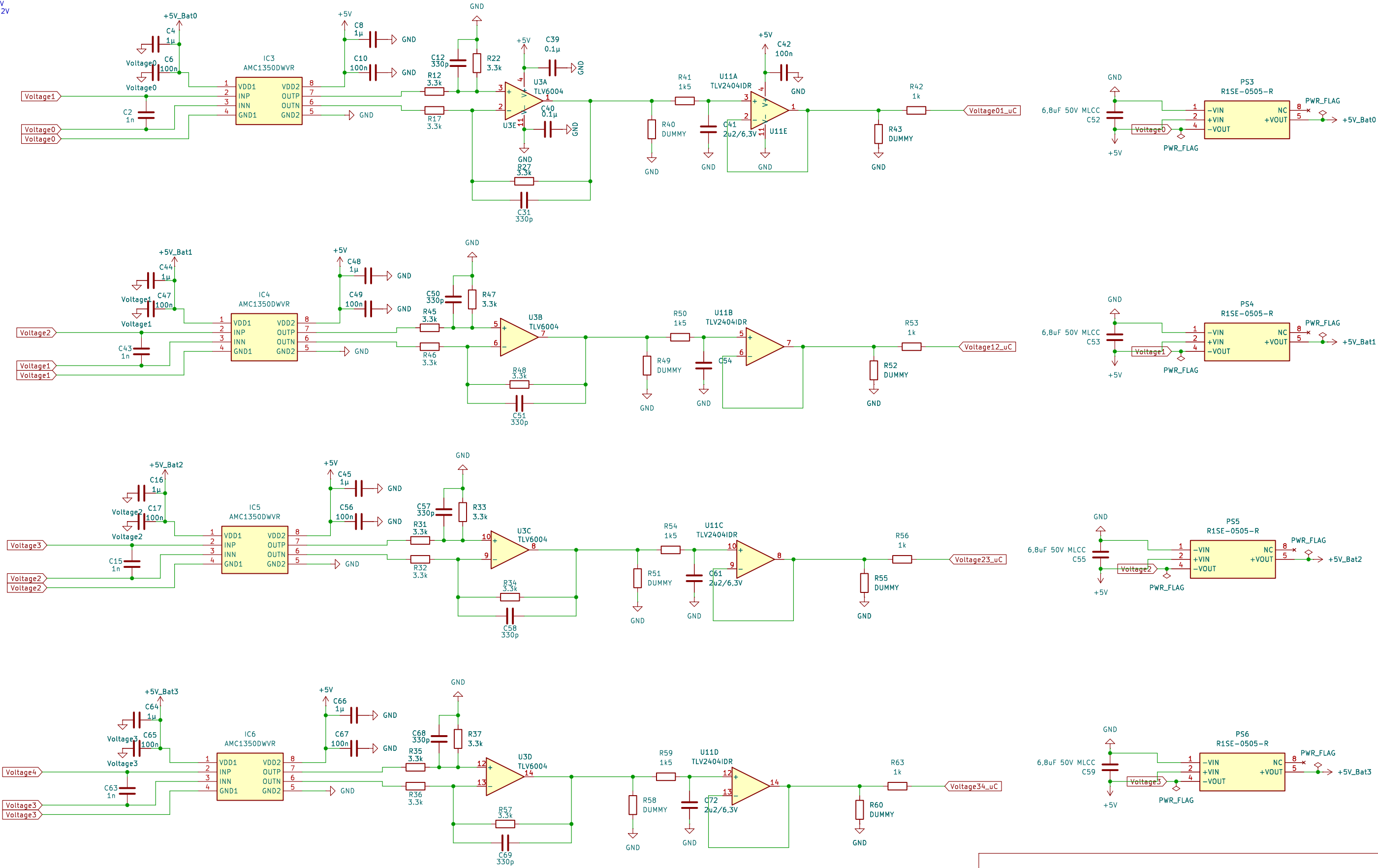
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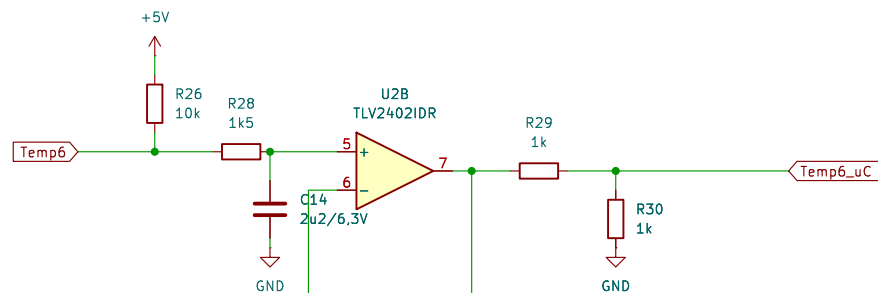
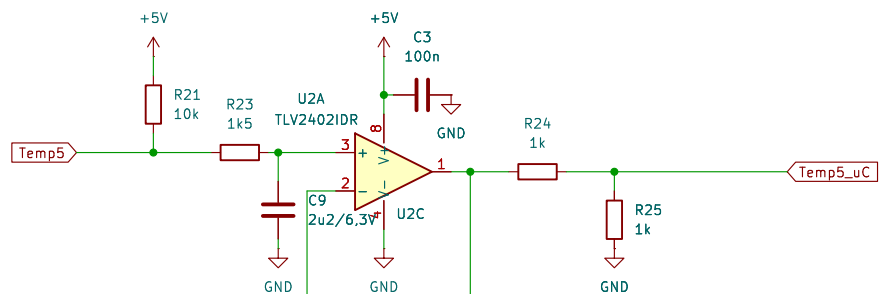
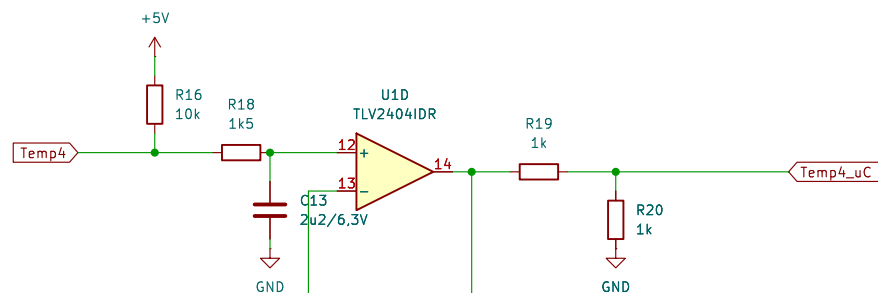
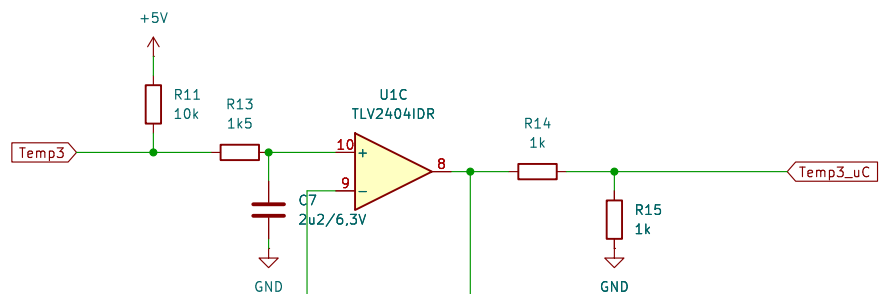
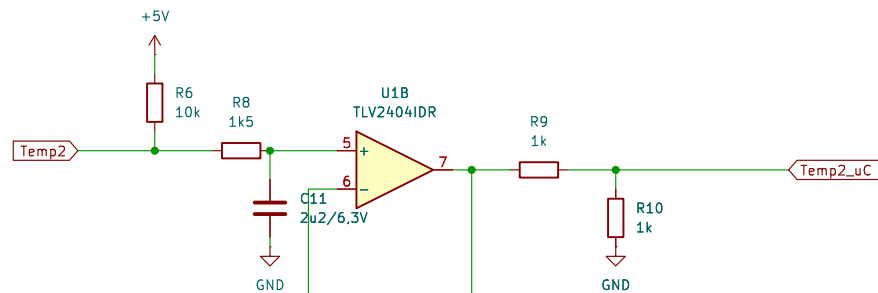
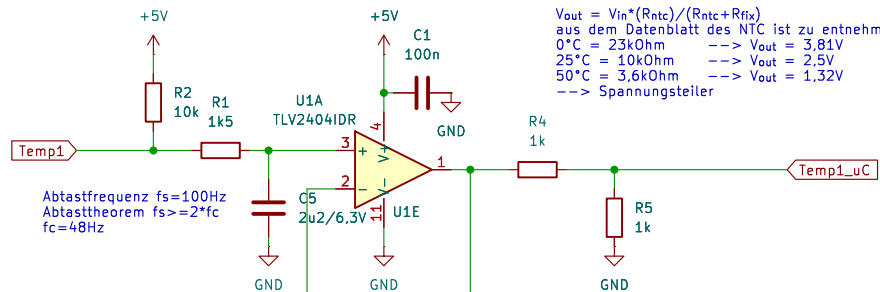
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Isolierter Differenzierer AMC1350
Messung differenziell zwischen Zellanschlüssen
Input Range: +-5V
Output Range: +-2V
Nominal Gain: 0,4





Sheet: /Temperature Measurement/
 File: Temperature Measurement.kicad_sch

Title:

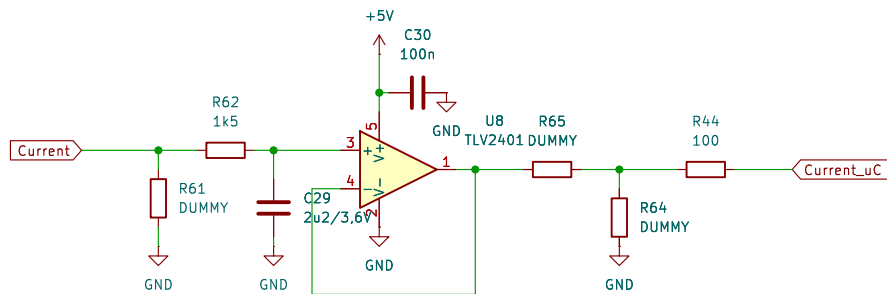
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Date:

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Sheet: /Current Measurement/
File: Current Measurement.kicad_sch

Title:

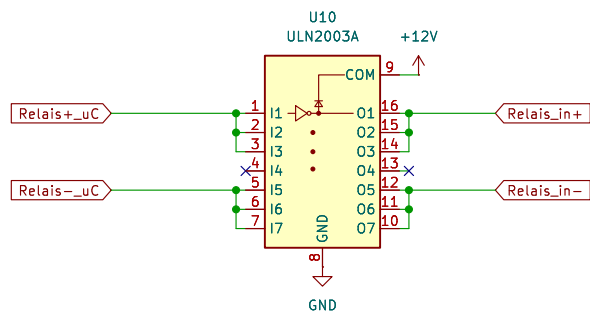
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Date:

KiCad E.D.A. 9.0.0

Rev:

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Sheet: /Main Contactor Control/
File: Main Contactor Control.kicad_sch

Title:

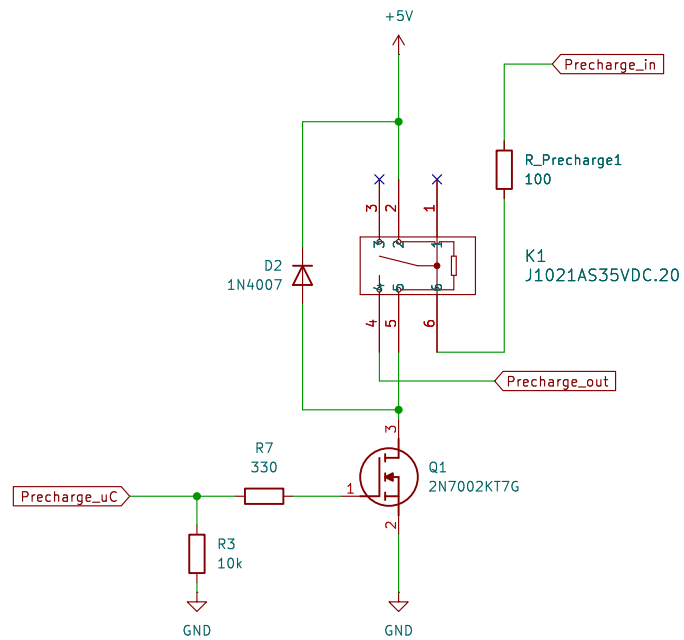
Size: A4

Date:

Rev:

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Sheet: /Precharge/
File: Precharge.kicad_sch

Title:

Size: A4 Date:

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