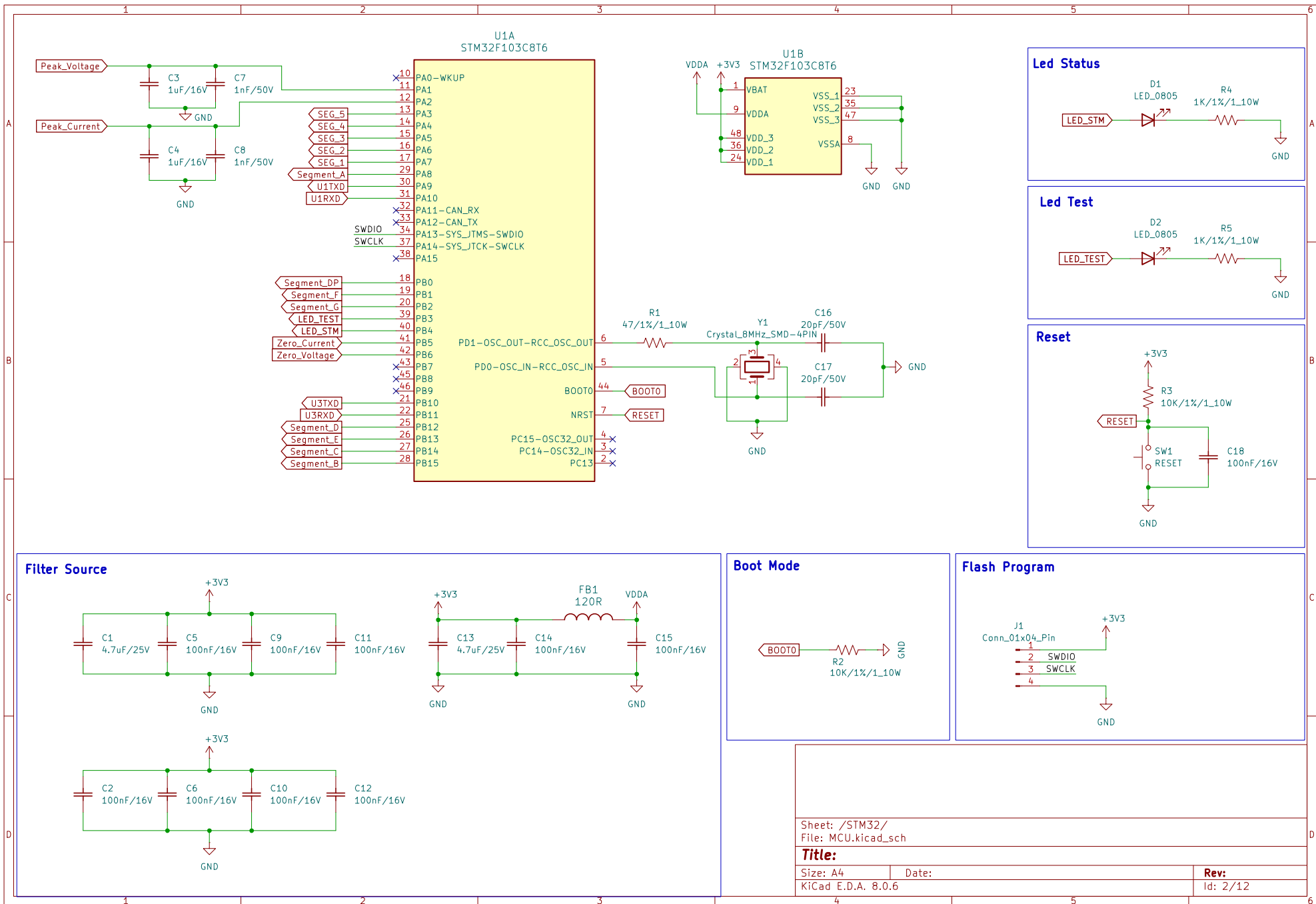
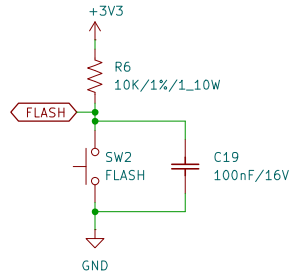


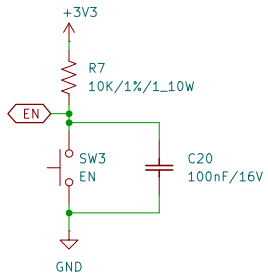
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A					
B	<div>STM32</div> <div>File: MCU.kicad_sch</div>	<div>ESP32</div> <div>File: ESP32.kicad_sch</div>	<div>Current_Measurement</div> <div>File: Current_Measurement.kicad_sch</div>	<div>Voltage_Measurement</div> <div>File: Voltage_Measurement.kicad_sch</div>	
C	<div>Peak_Detector</div> <div>File: Peak_Detector.kicad_sch</div>	<div>Zero_Crossing_Detection</div> <div>File: Zero_Crossing_Detection.kicad_sch</div>	<div>RTC</div> <div>File: RTC.kicad_sch</div>	<div>Power_Supply</div> <div>File: Power_Supply.kicad_sch</div>	
D	<div>Connectors</div> <div>File: Connectors.kicad_sch</div>	<div>Display</div> <div>File: Display.kicad_sch</div>	<div>USB_To_TTL</div> <div>File: USB_To_TTL.kicad_sch</div>	<div></div> <div>Sheet: / File: MEASURE_POWER_AC.kicad_sch</div> <div>Title:</div> <div>Size: A4Date:KiCad E.D.A. 8.0.6</div> <div>Rev:Id: 1/12</div>	
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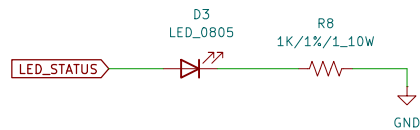
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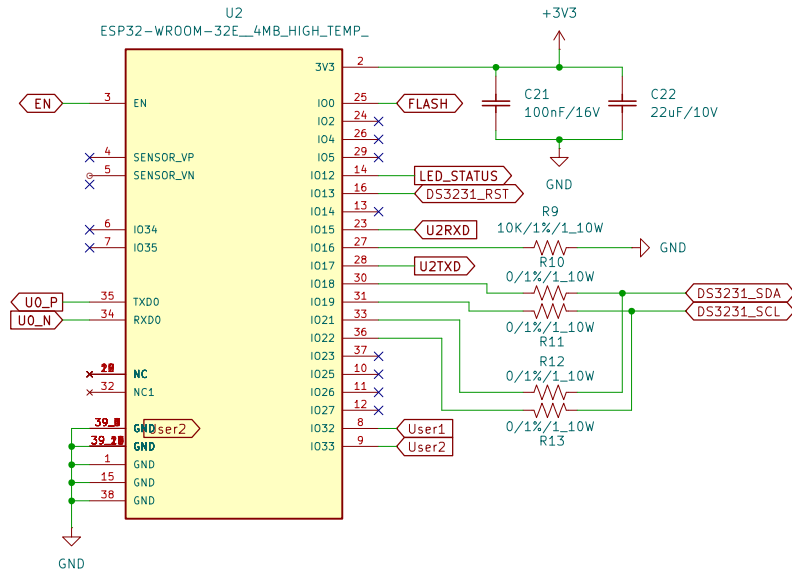
Enable



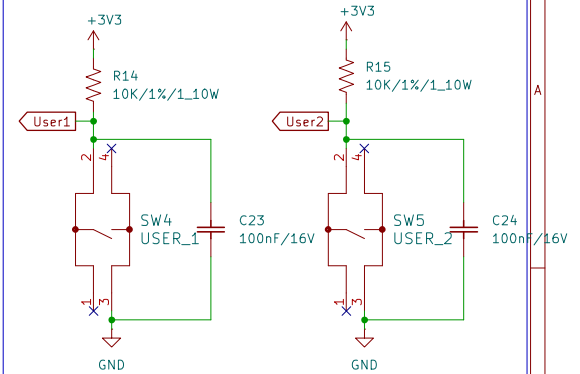
LED Test



MCU



User Button



Sheet: /ESP32/
File: ESP32.kicad_sch

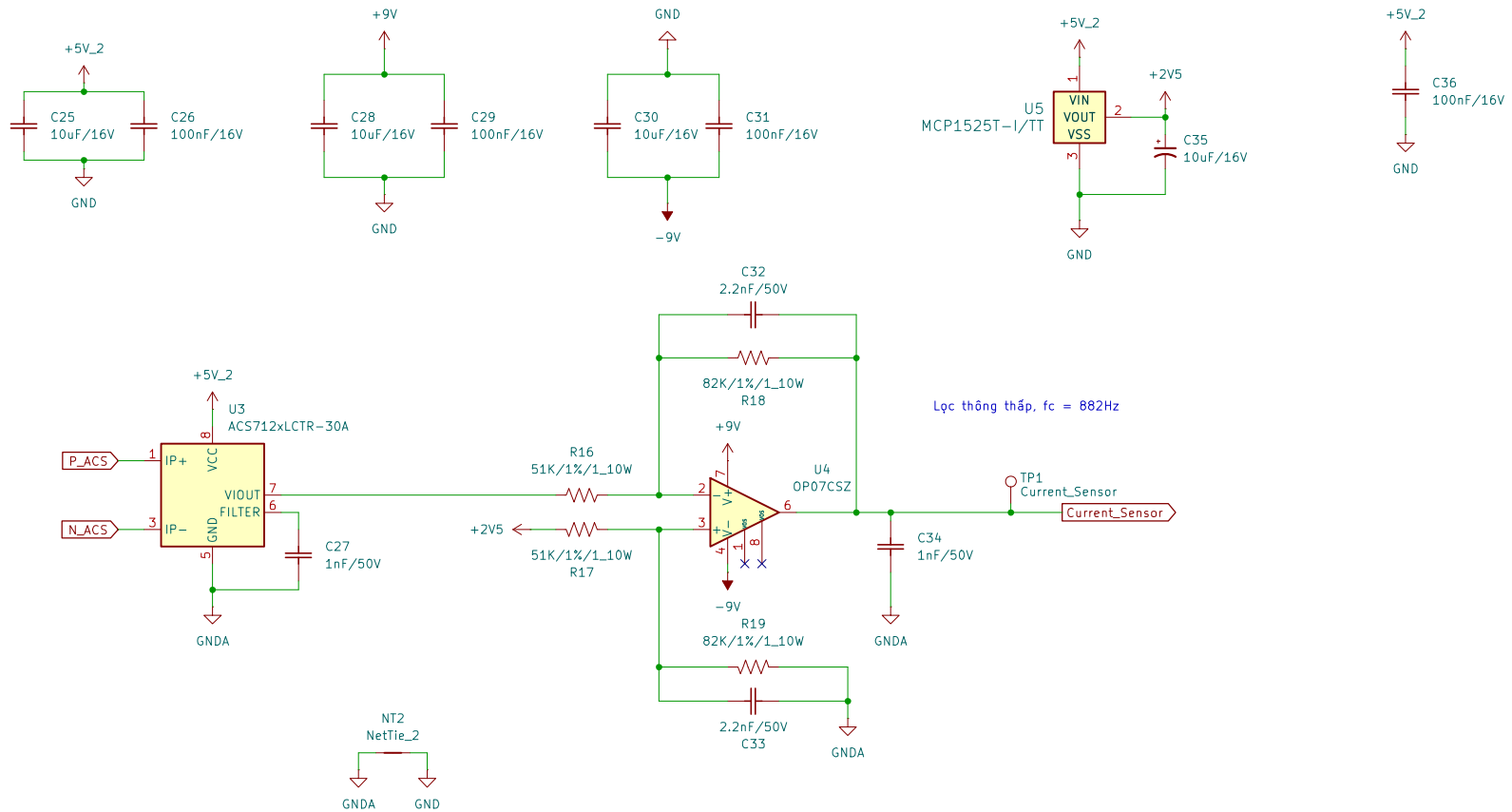
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Id: 3/12



Sheet: /Current_Measurement/
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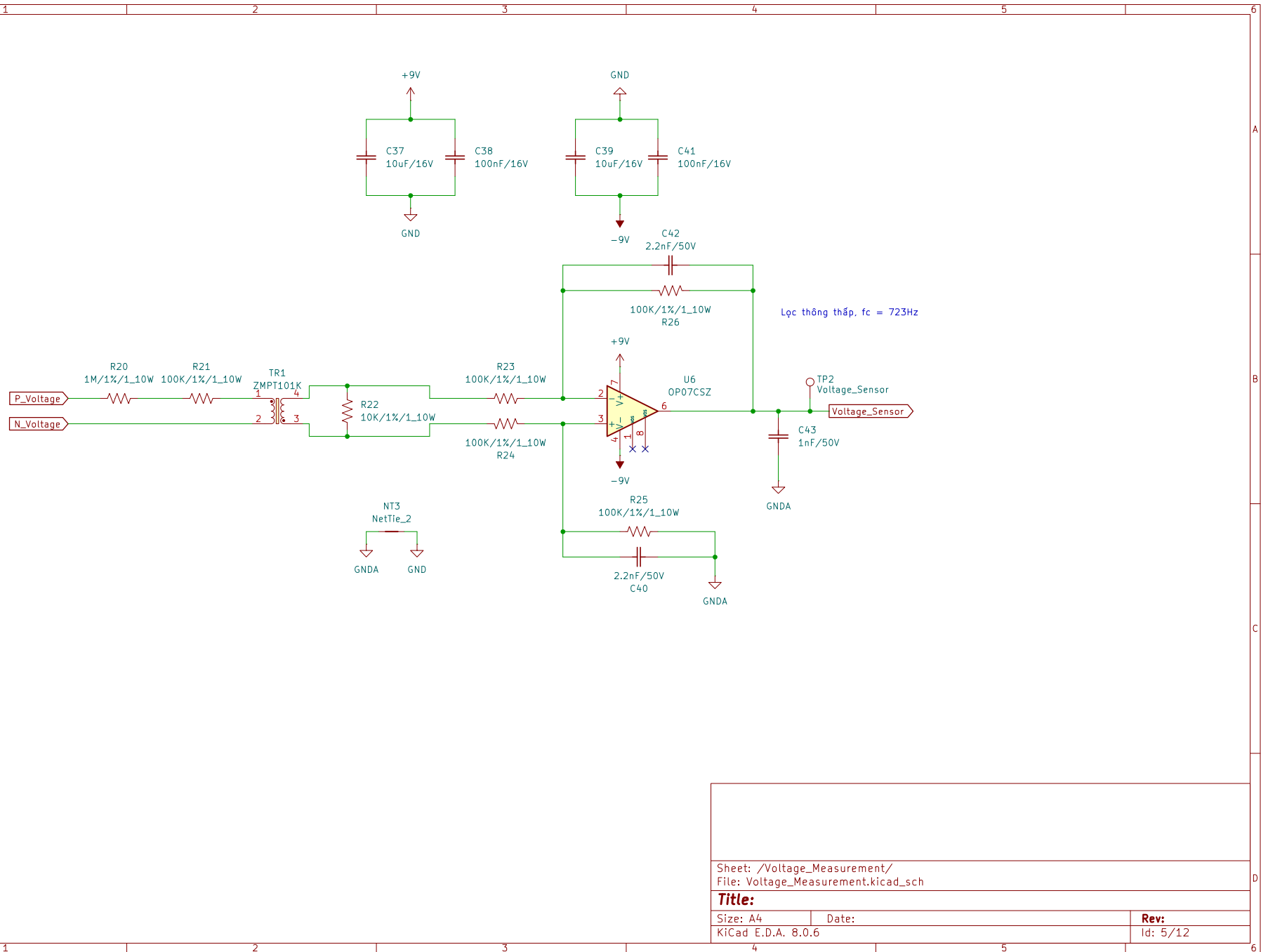
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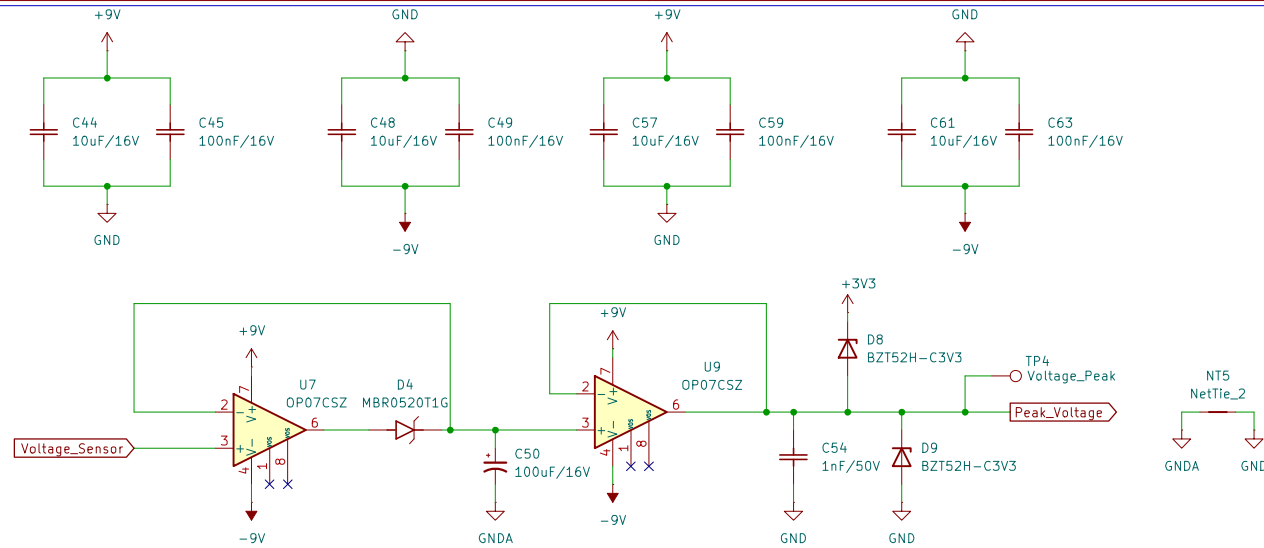
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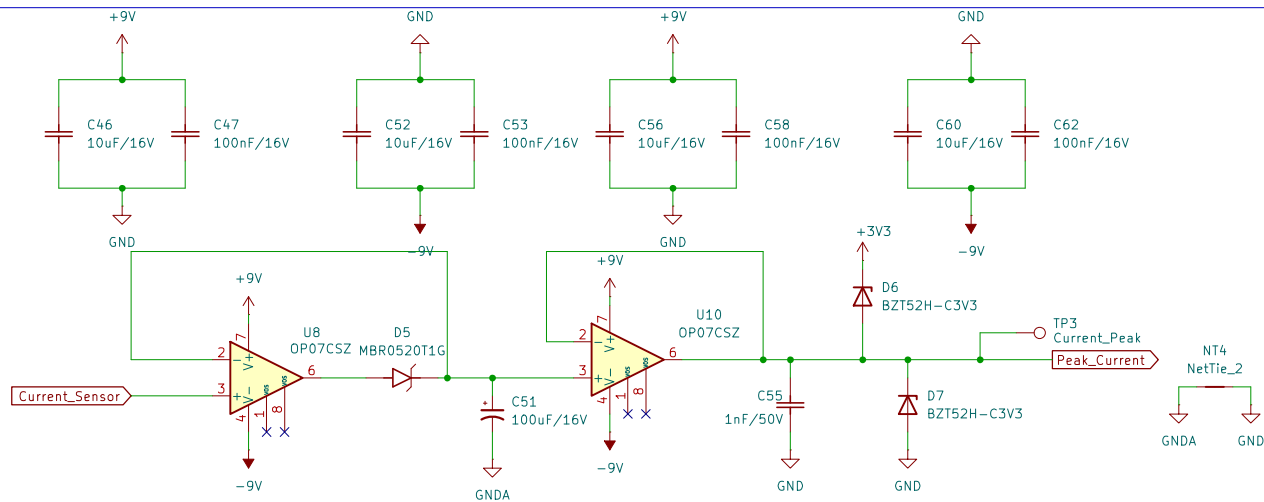
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Peak Voltage



Peak Current



Sheet: /Peak_Detector/
File: Peak_Detector.kicad_sch

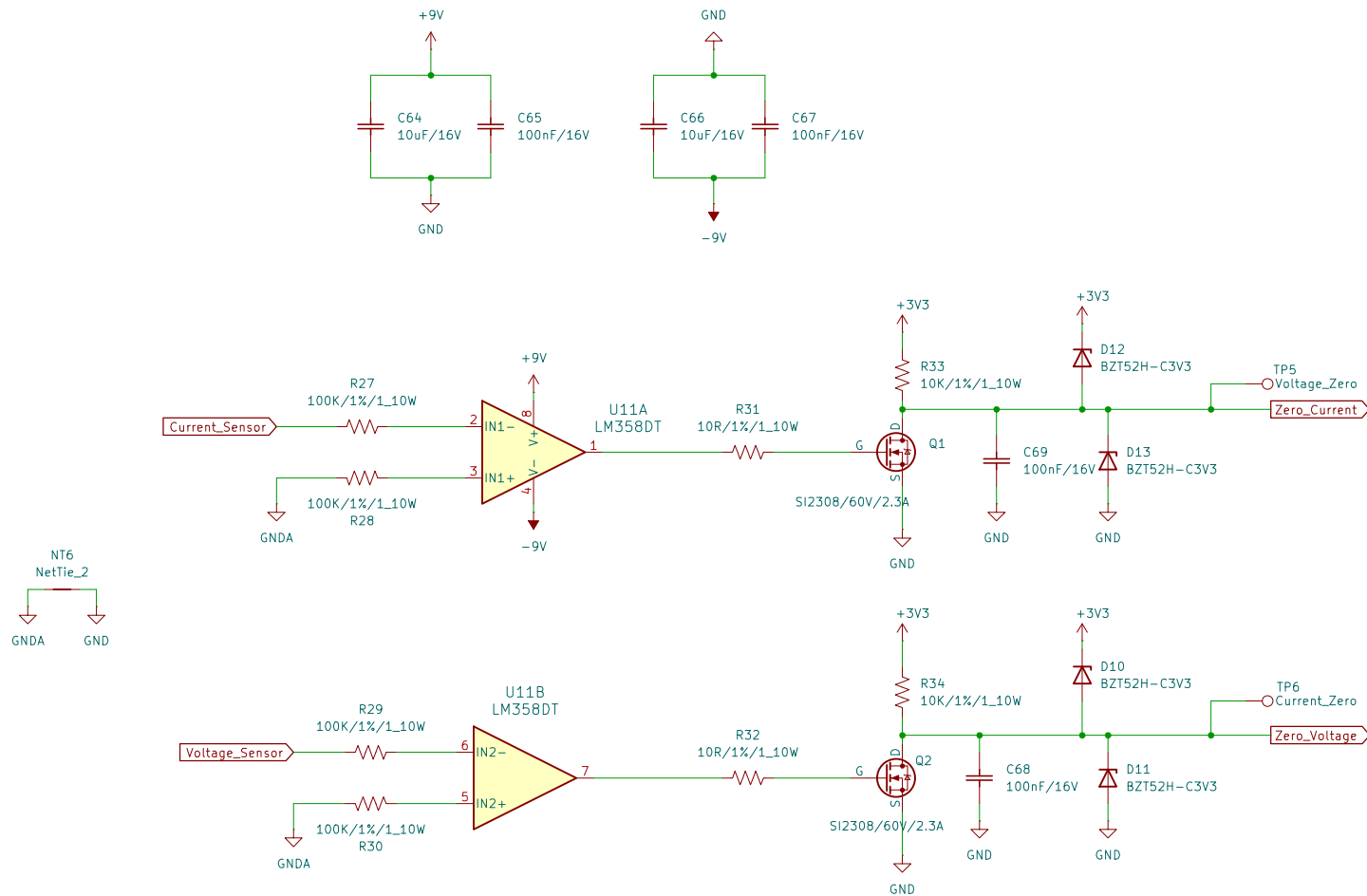
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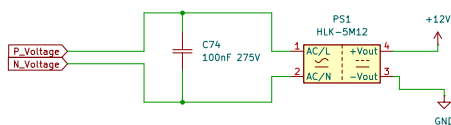
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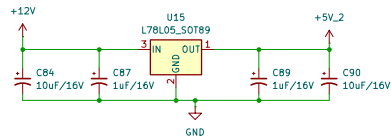
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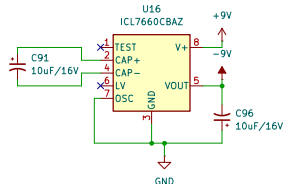
220VAC To 12VDC/450mA



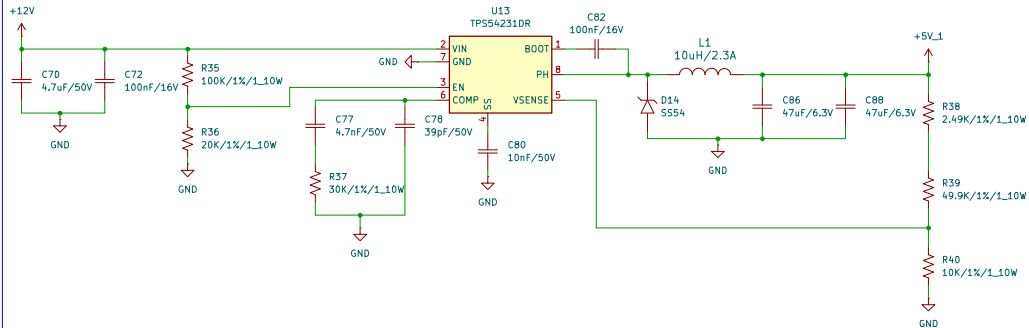
Linear Regulator 5V - L78L05



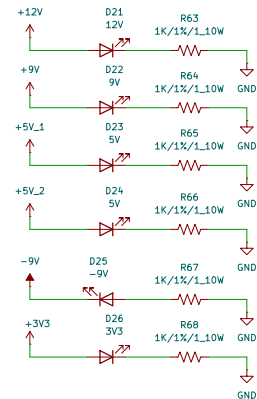
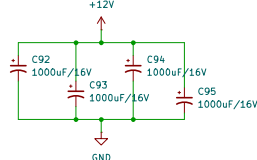
Charge Pump -9V - ICL7660CBAZ



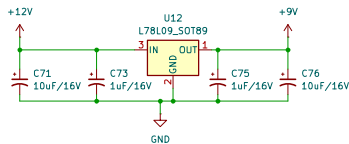
Switching Regulator - TPS54231DR



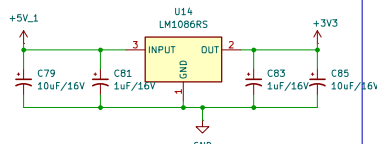
Energy Storage

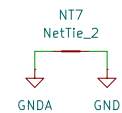
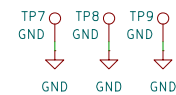
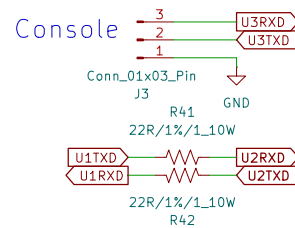
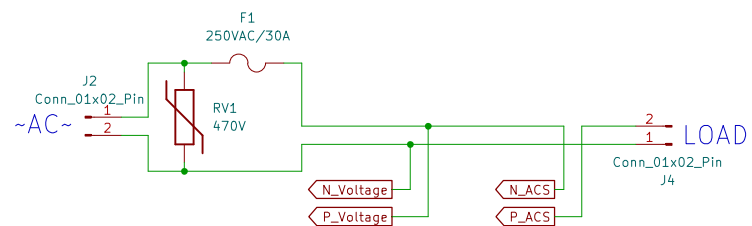


Linear Regulator 9V - L78L09



Linear Regulator 3V3 - AMS1117





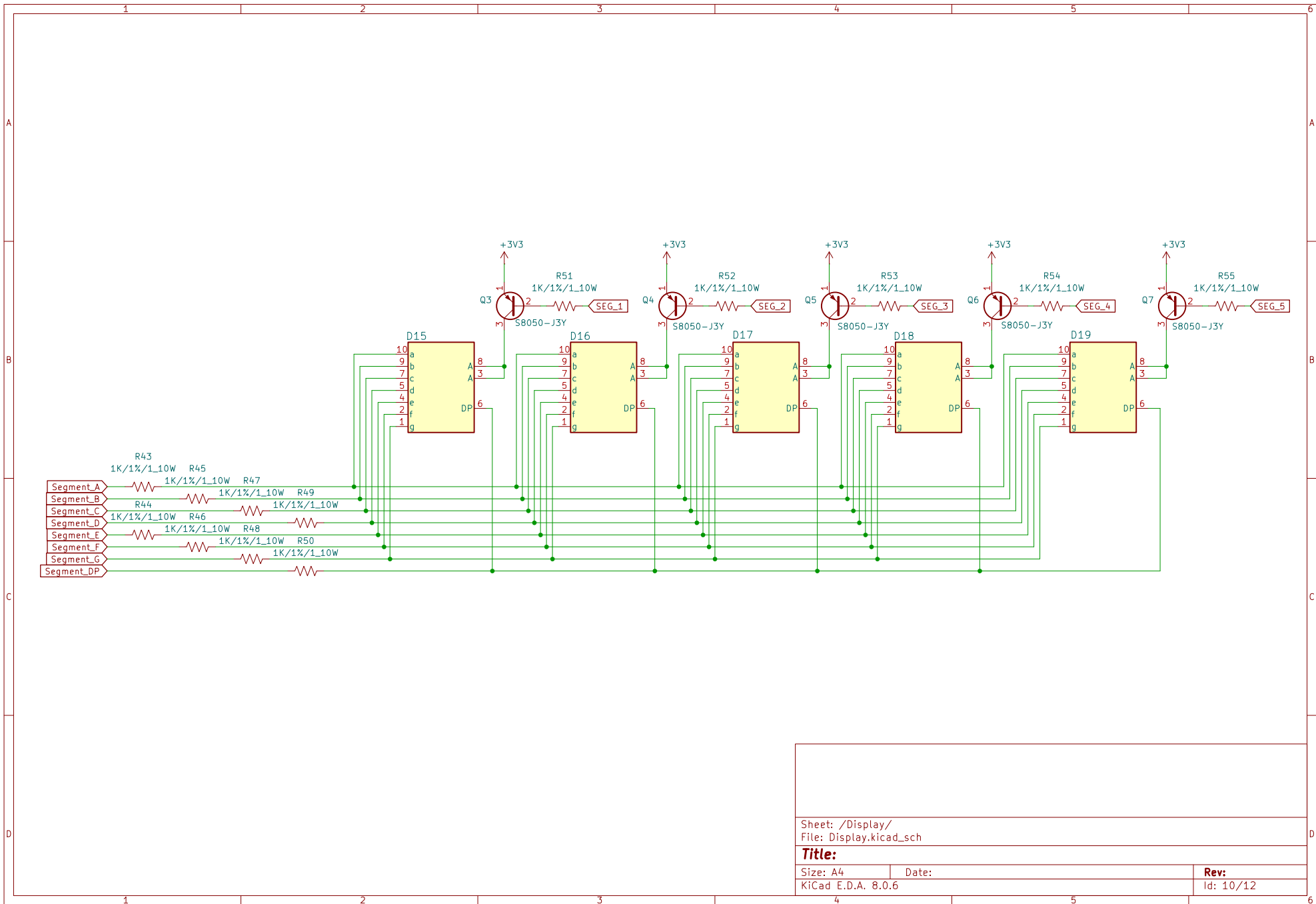
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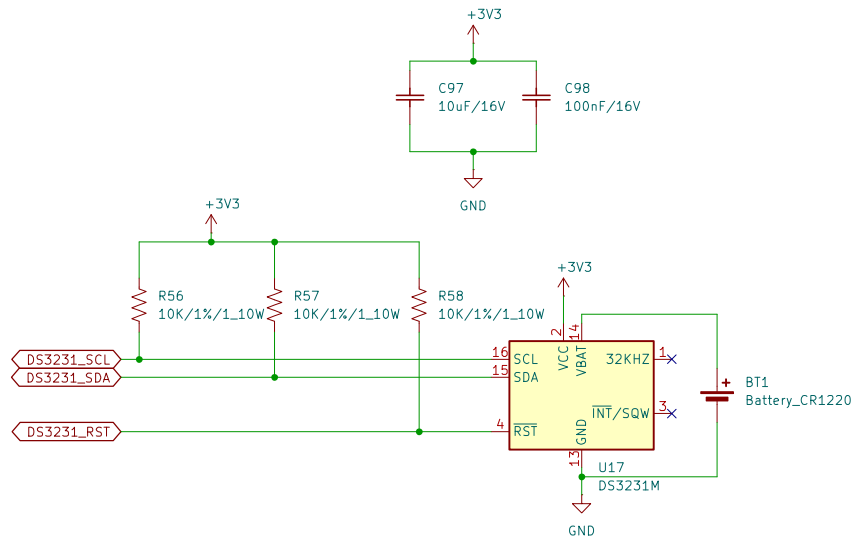
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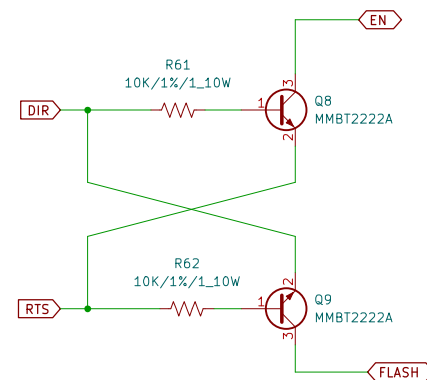
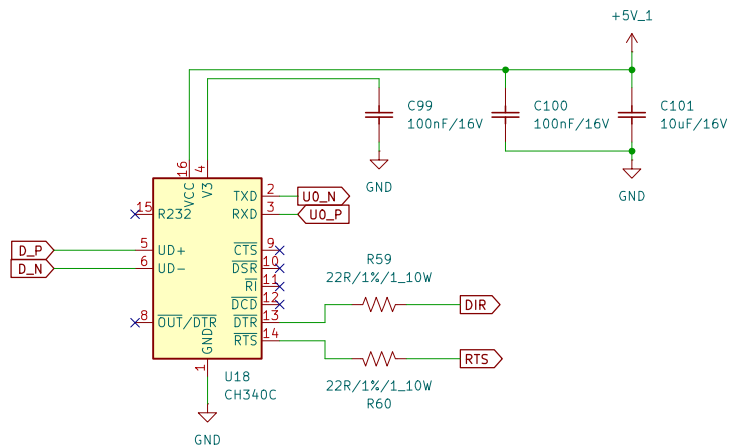
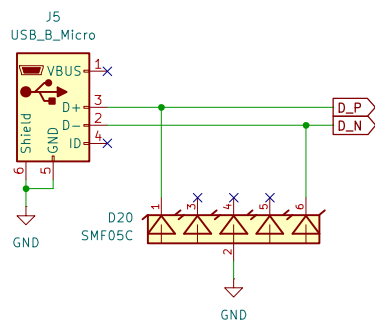
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