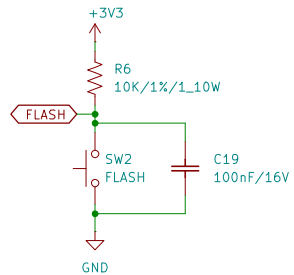
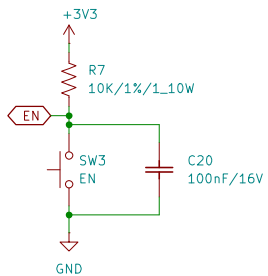


1	2	3	4	5	6
A					
B	<div>STM32</div> <div>File: MCU.kicad_sch</div>	<div>ESP32</div> <div>File: ESP32.kicad_sch</div>	<div>Current_Measurement</div> <div>File: Current_Measurement.kicad_sch</div>	<div>Voltage_Measurement</div> <div>File: Voltage_Measurement.kicad_sch</div>	
C	<div>Peak_Detector</div> <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>	
1	2	3	4	5	6

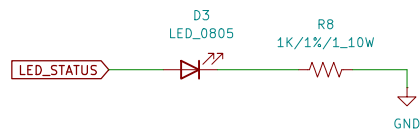
Flash



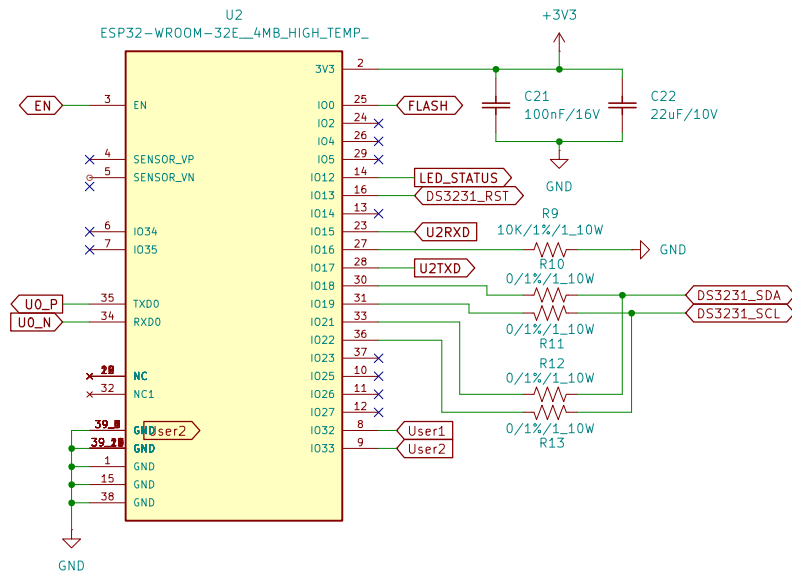
Enable



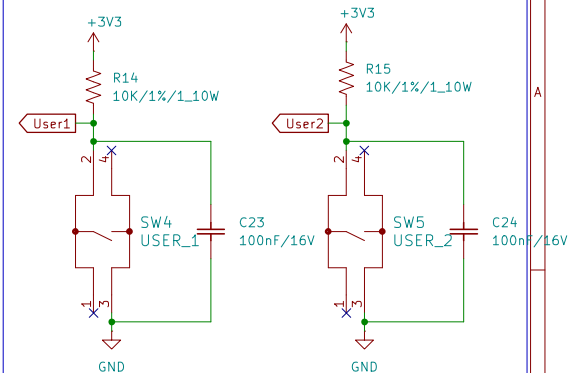
LED Test



MCU



User Button



Sheet: /ESP32/
File: ESP32.kicad_sch

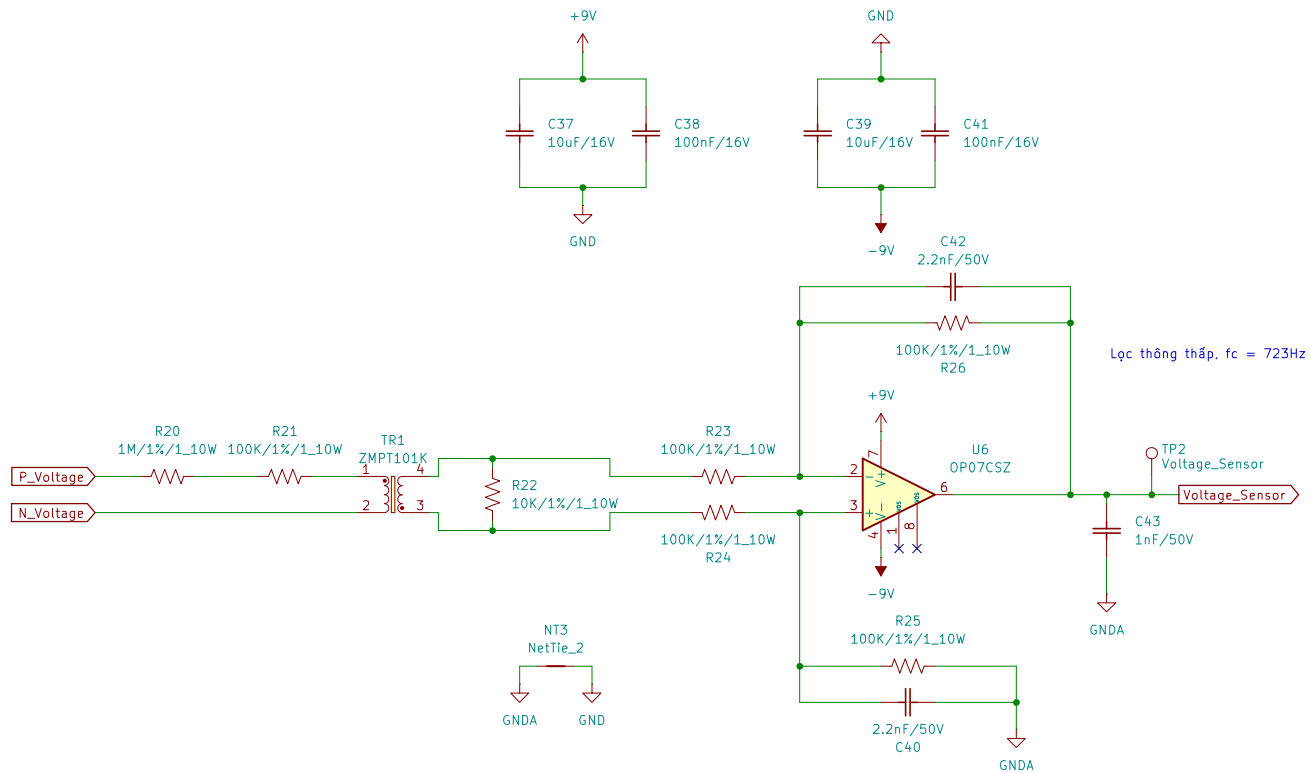
Title:

Size: A4
KiCad E.D.A. 8.0.6

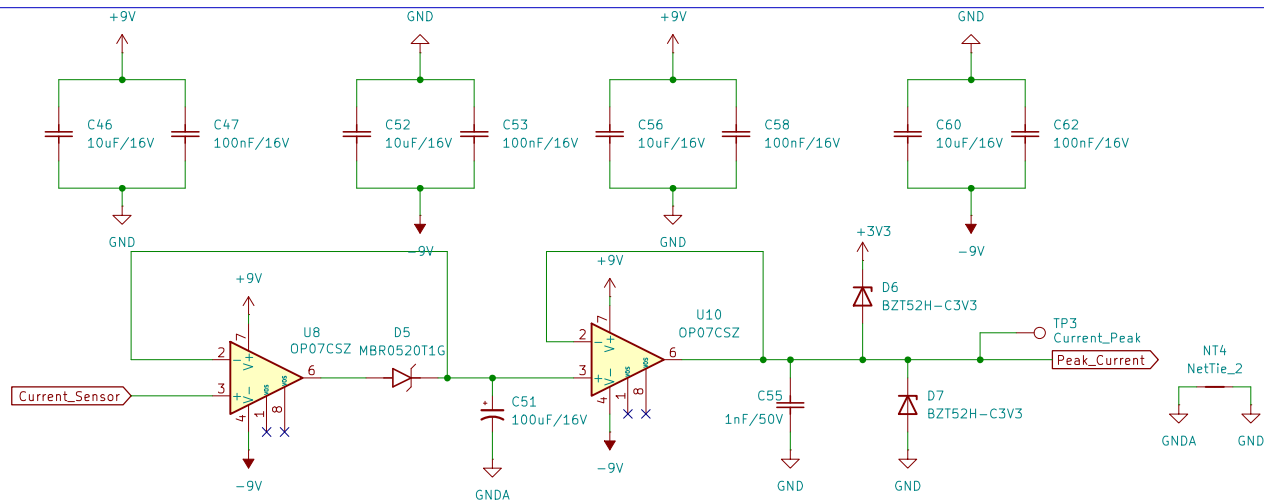
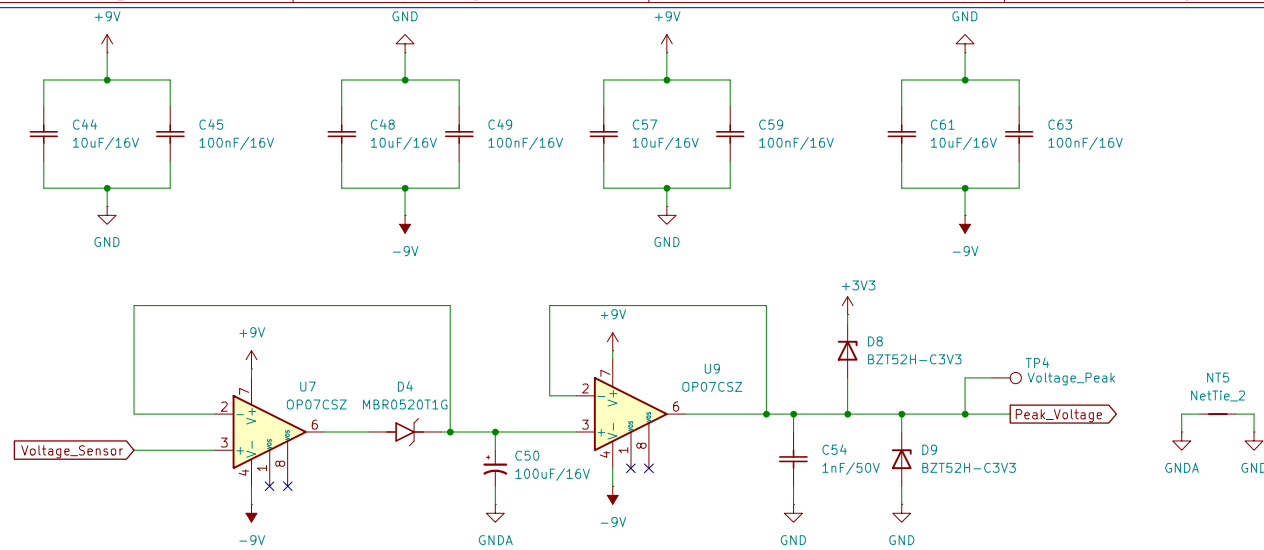
Date:

Rev:
Id: 3/12

Rev:
Id: 4/12

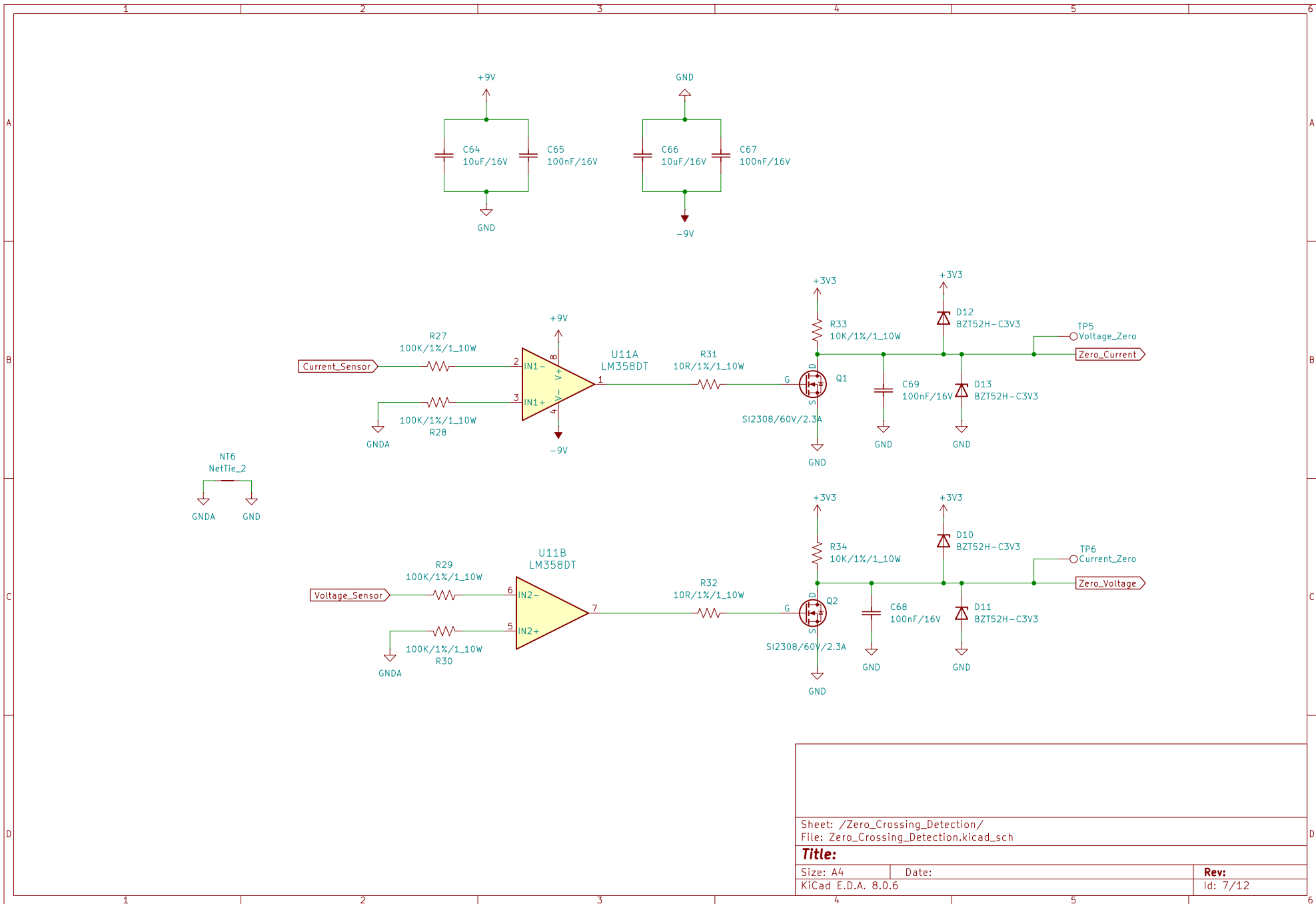


Sheet: /Voltage_Measurement/		
File: Voltage_Measurement.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.6		Id: 5/12

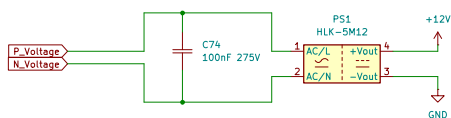


Rev:

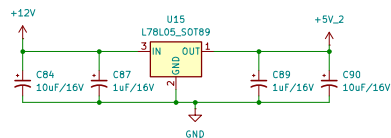
Id: 6/12



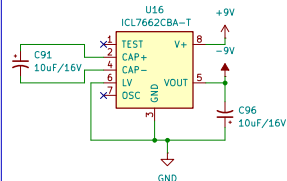
220VAC To 12VDC/450mA



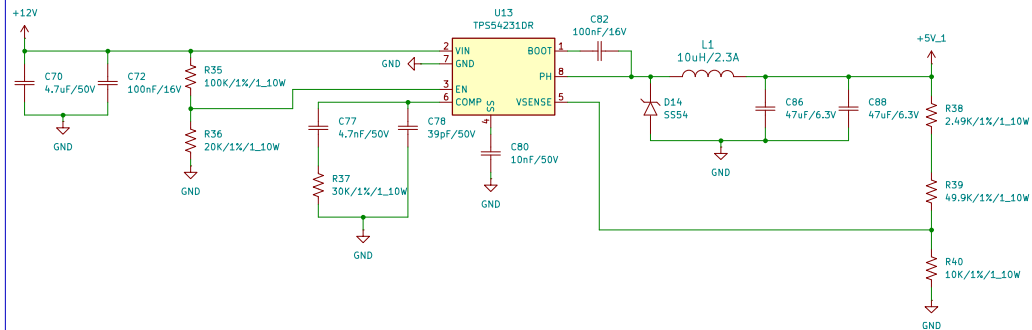
Linear Regulator 5V - L78L05



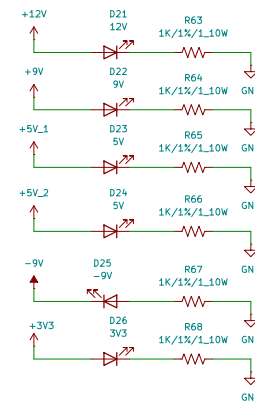
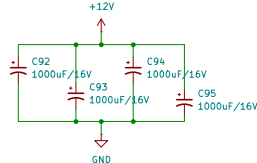
Charge Pump -9V - ICL7662CBAZ



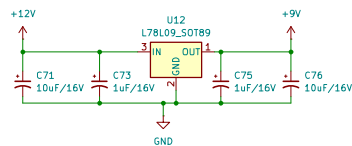
Switching Regulator - TPS54231DR



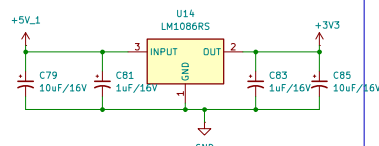
Energy Storage

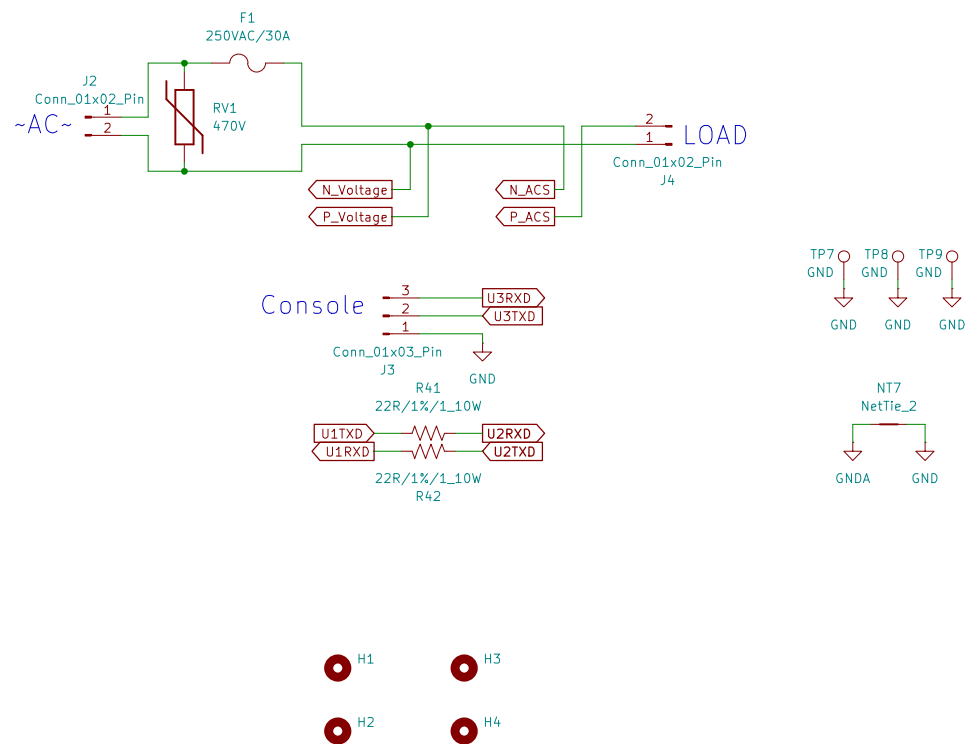


Linear Regulator 9V - L78L09



Linear Regulator 3V3 - AMS1117





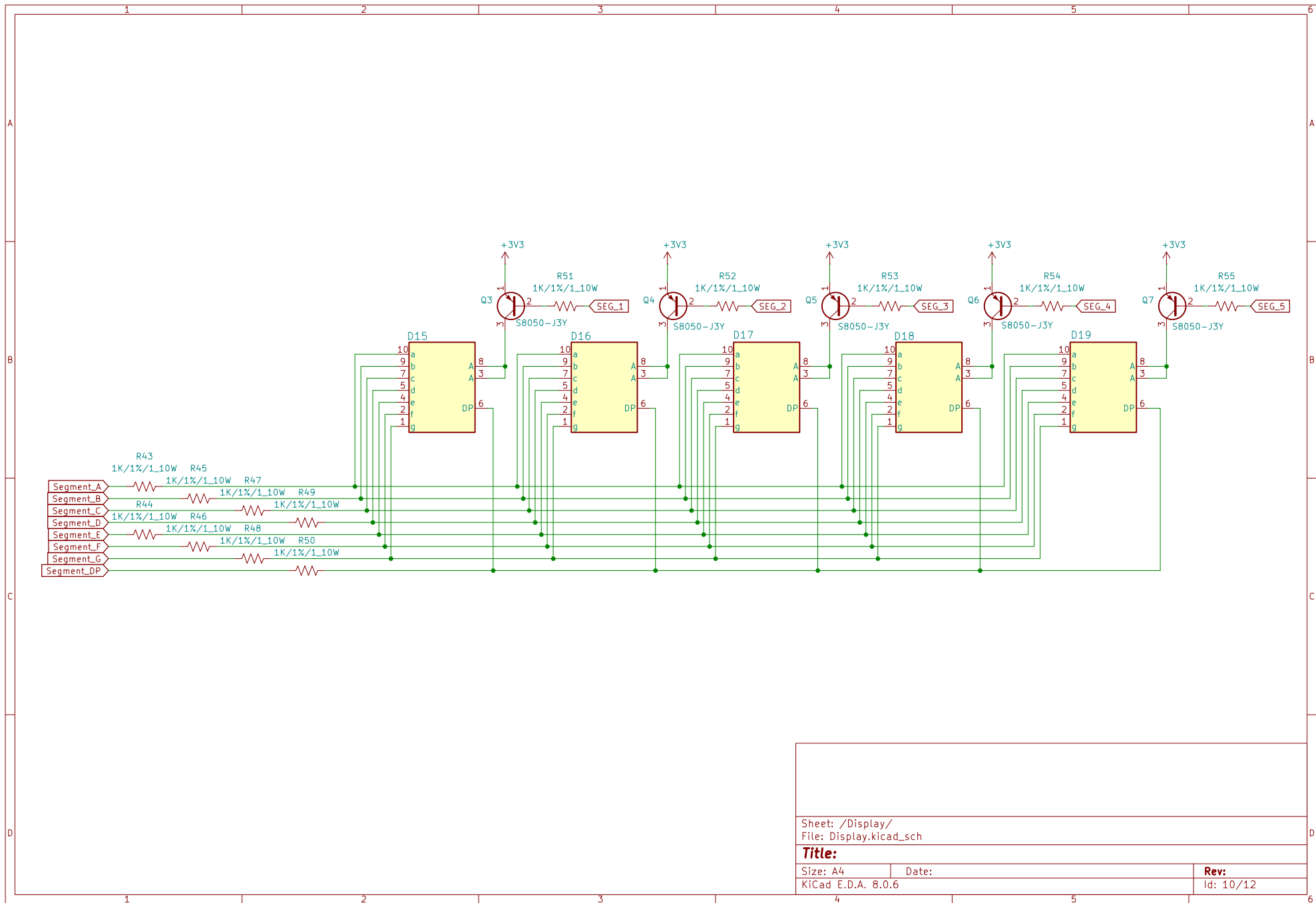
Sheet: /Connectors/
File: Connectors.kicad_sch

Title:

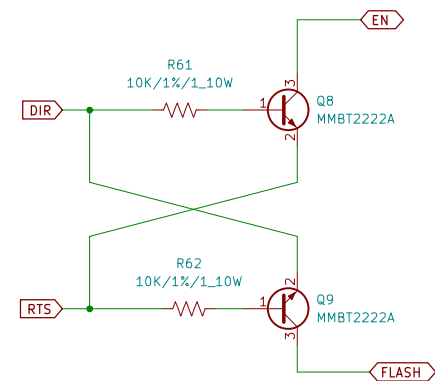
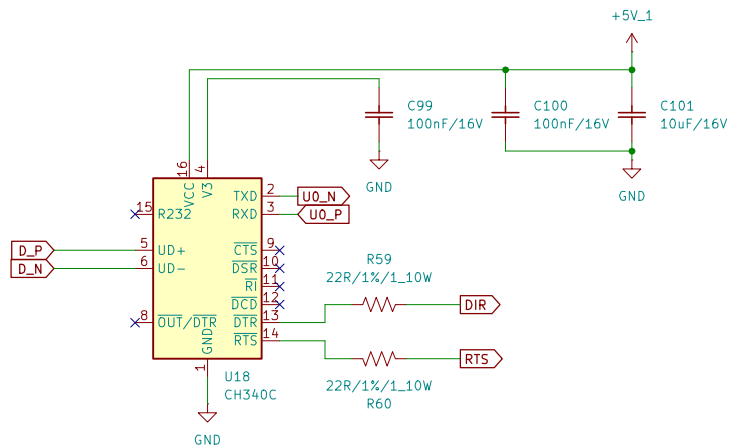
Size: A4
KiCad E.D.A. 8.0.6

Date:

Rev:
Id: 9/12







Rev:
Id: 12/12