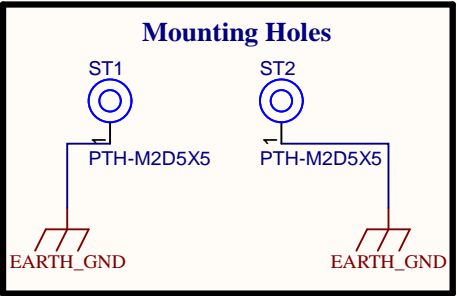
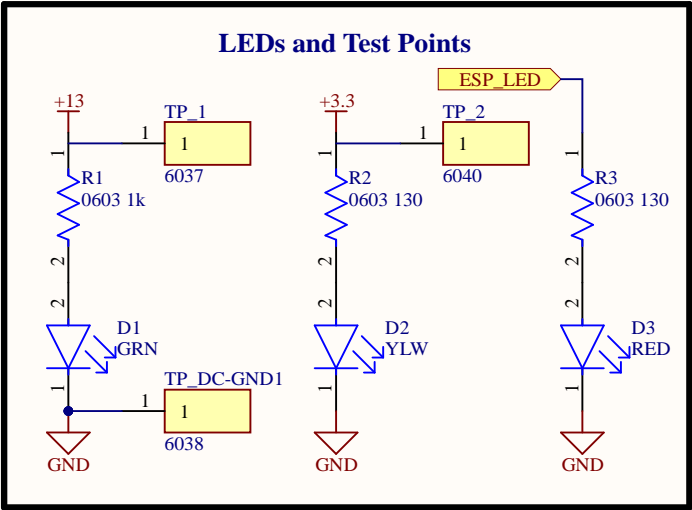
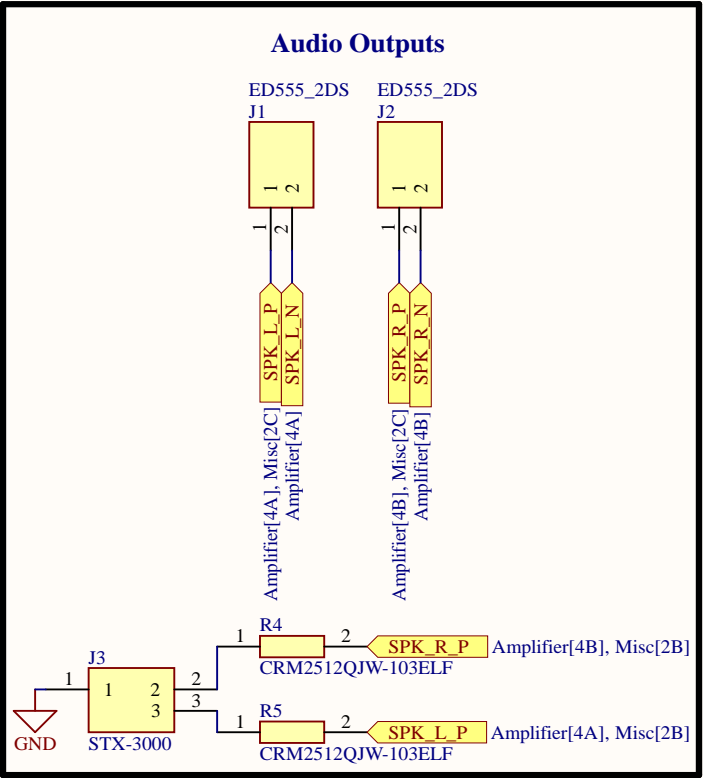


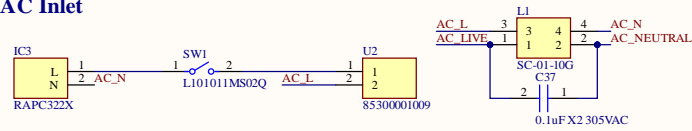
Misc. Circuits



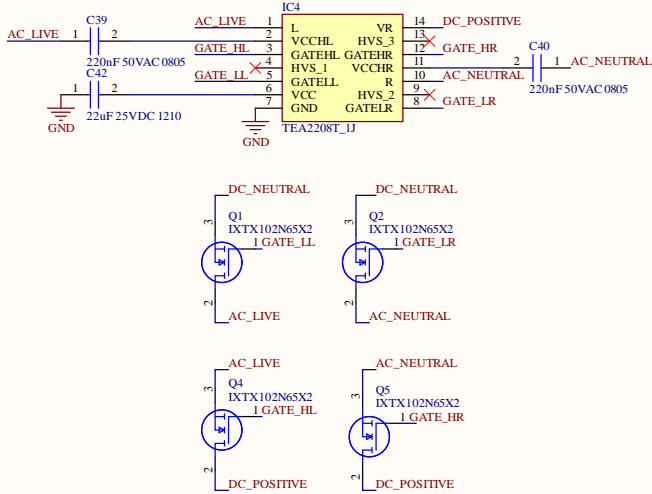
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Date:	4/24/2025	Sheet of
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Power Supply

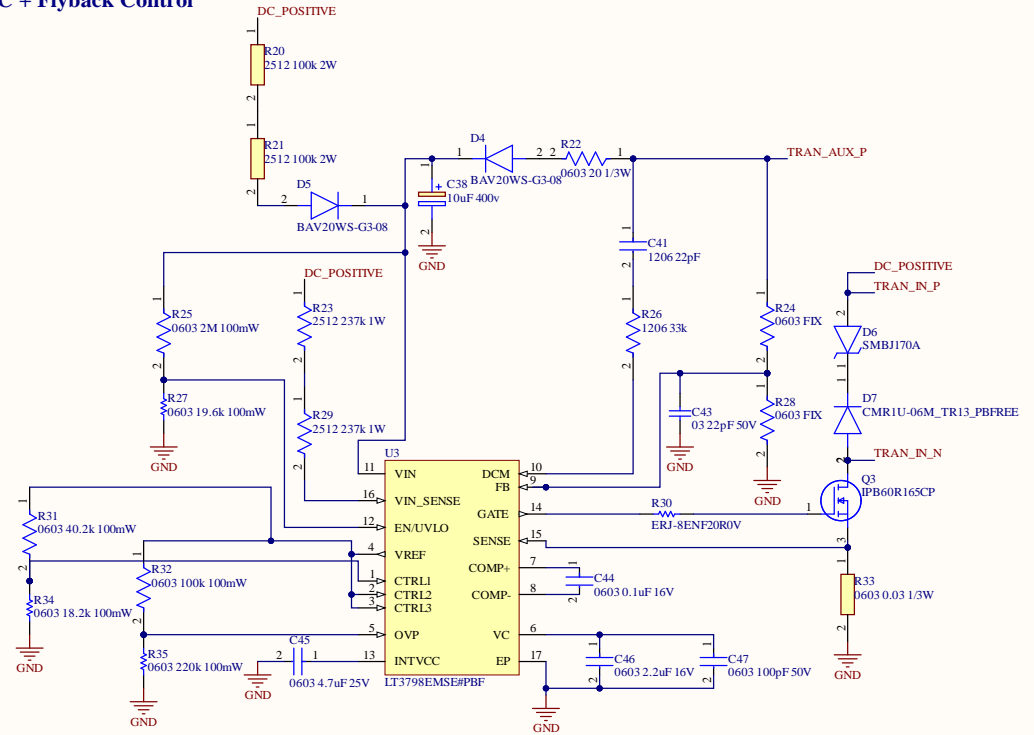
AC Inlet



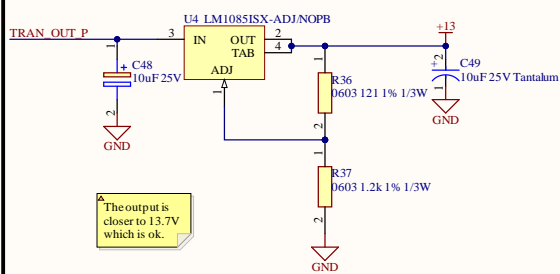
Active Rectifier



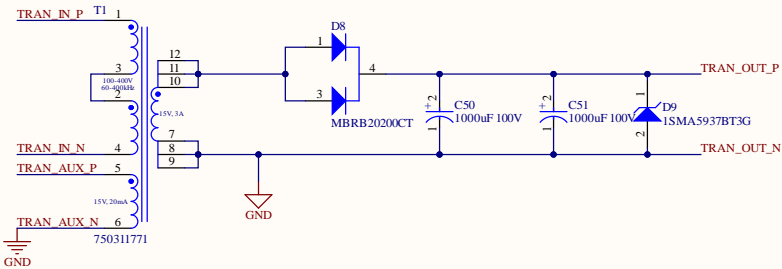
PFC + Flyback Control



13V LDO

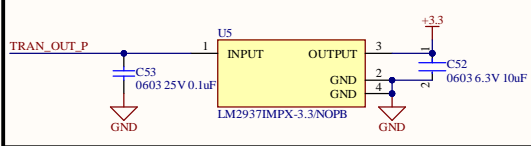


Transformer



Do:
Calculate R24 and R28
Check if all HV caps are rated for HV
Maybe:
Add some gate resistors?
Add fuses to ICs?
Add more caps to input AC and to output of rectifier?
Config 13v ldo to 14v?

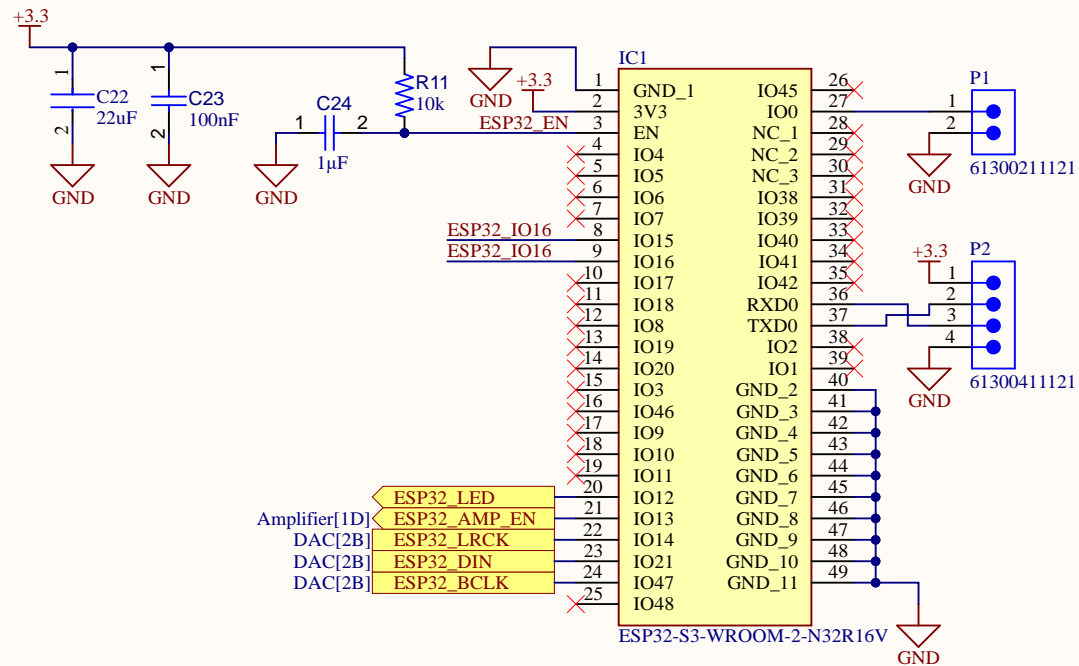
3.3V LDO



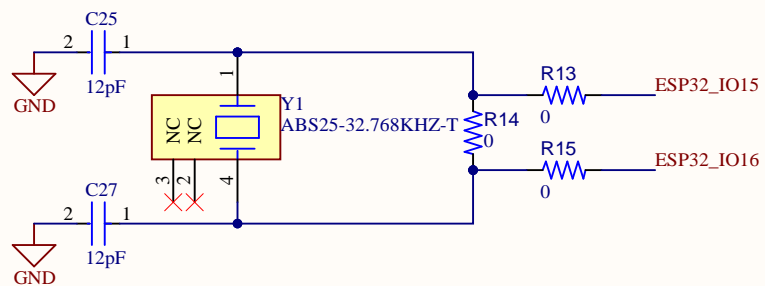
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ESP32

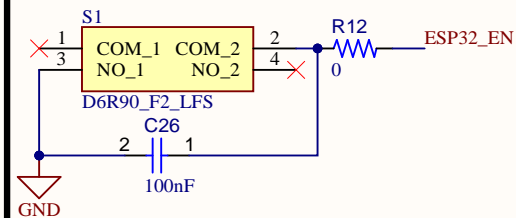
ESP32-S3



Crystal



Reset Switch

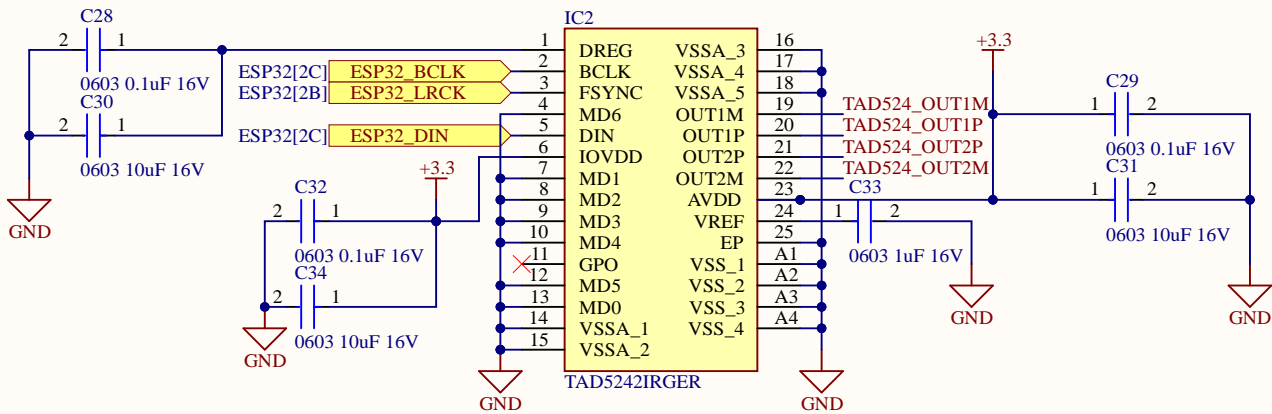


Title

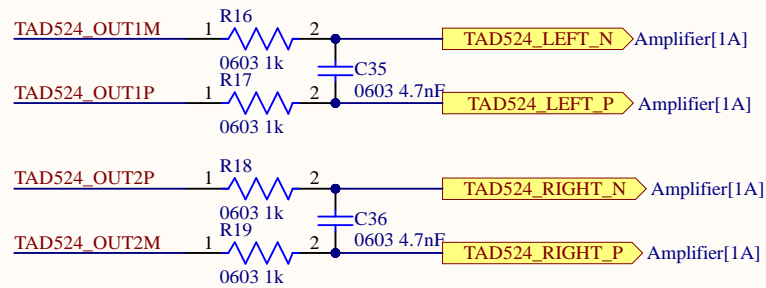
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DIGITAL TO ANALOG CONVERTER

DAC



Output



Title		
Size	Number	Revision
A		
Date:	4/24/2025	Sheet of
File:	C:\Users\...\DAC.SchDoc	Drawn By:

