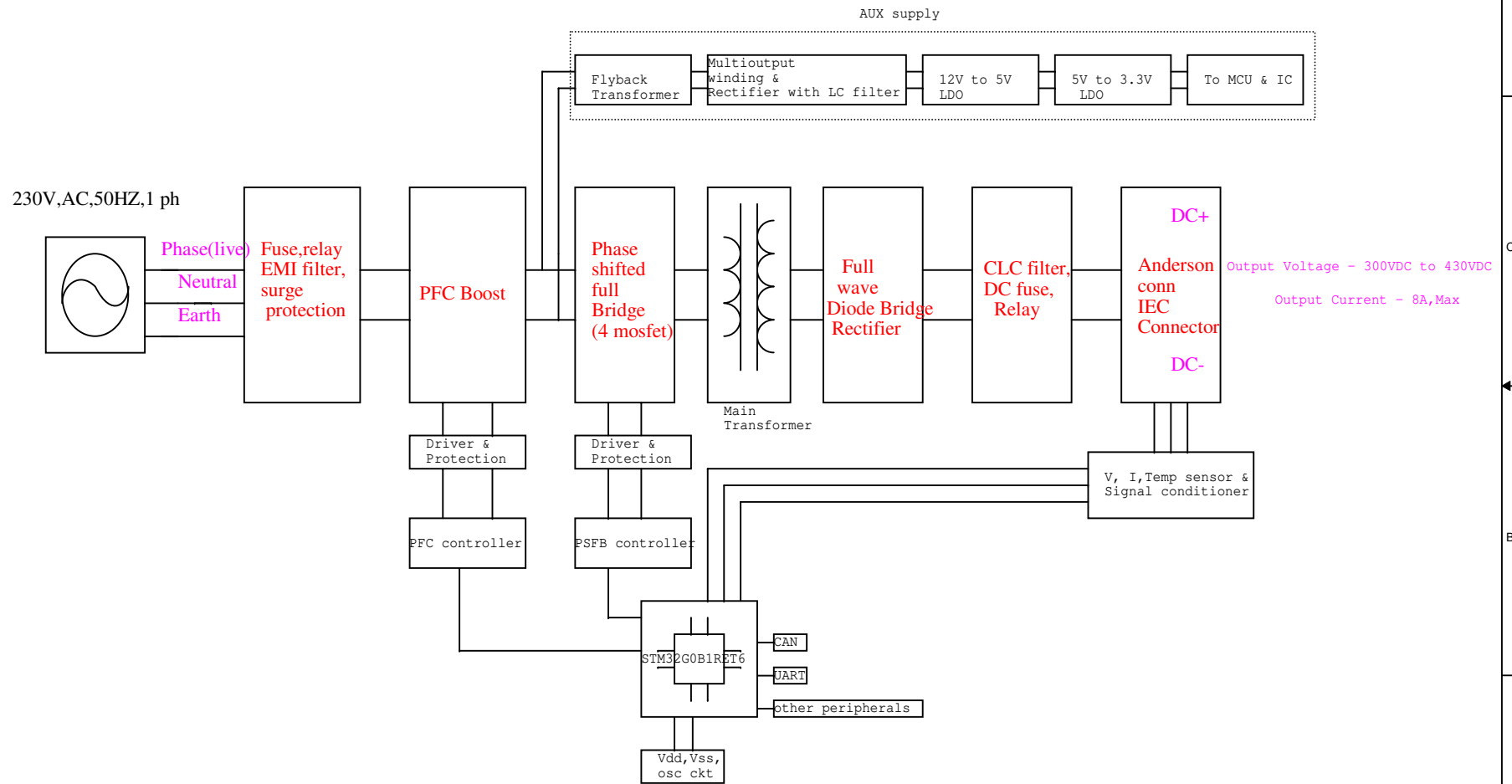
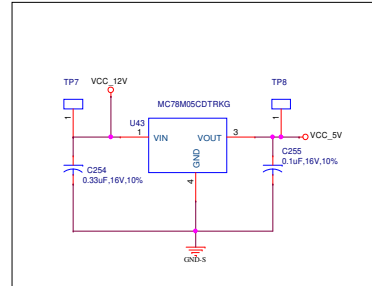
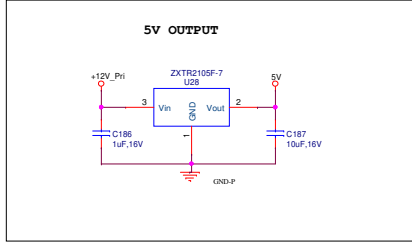
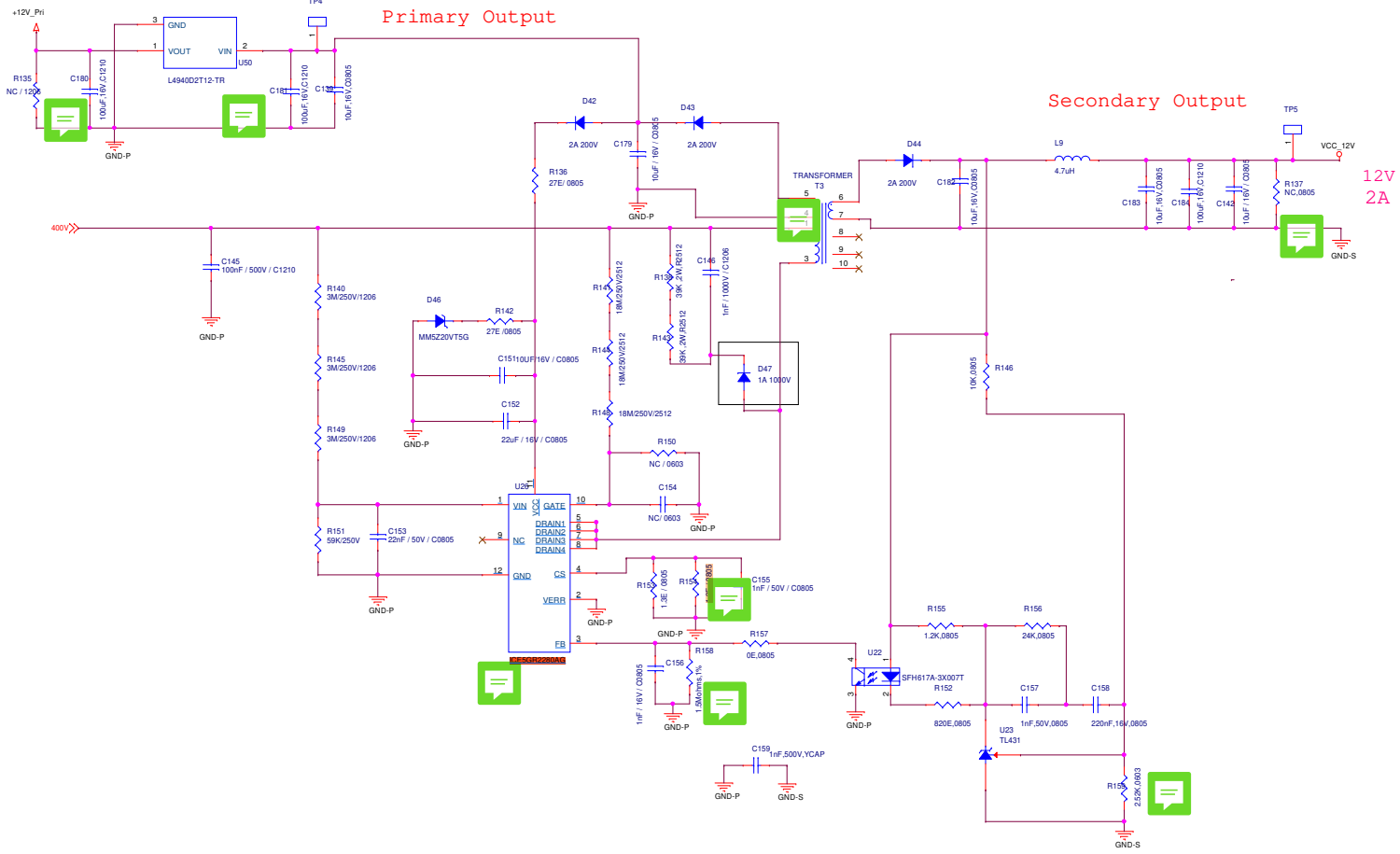


BLOCK DIAGRAM



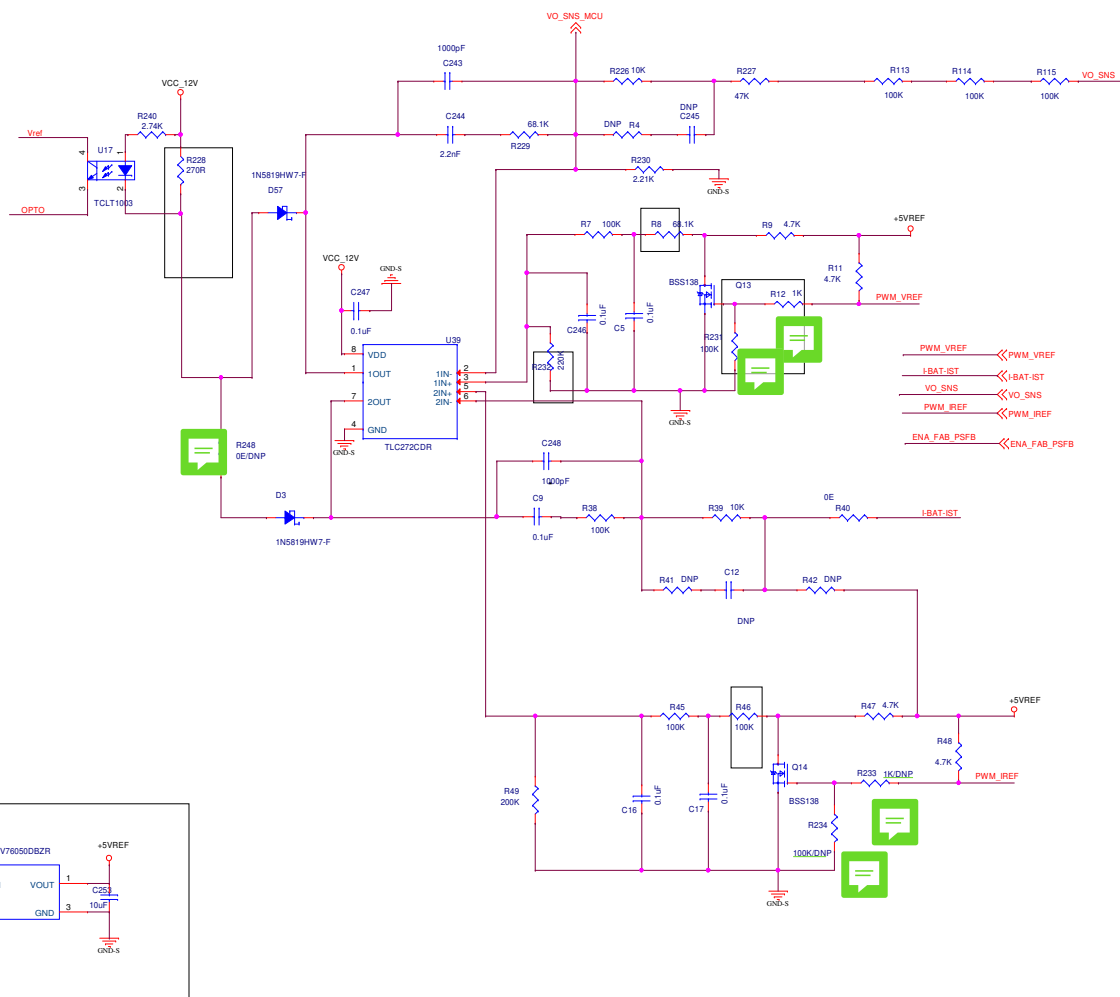
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AUXILLARY POWER SUPPLY

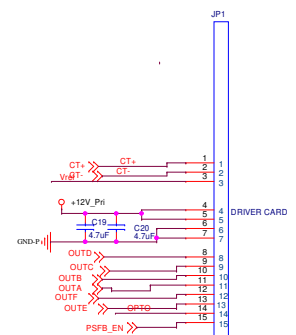
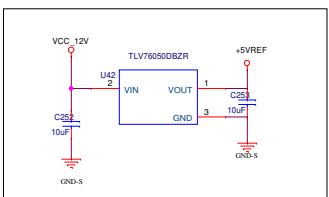


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Date	Saturday, April 27, 2024	Sheet 1 of 1

Voltage and Current feedback section

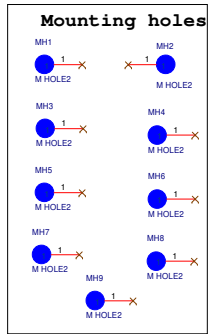
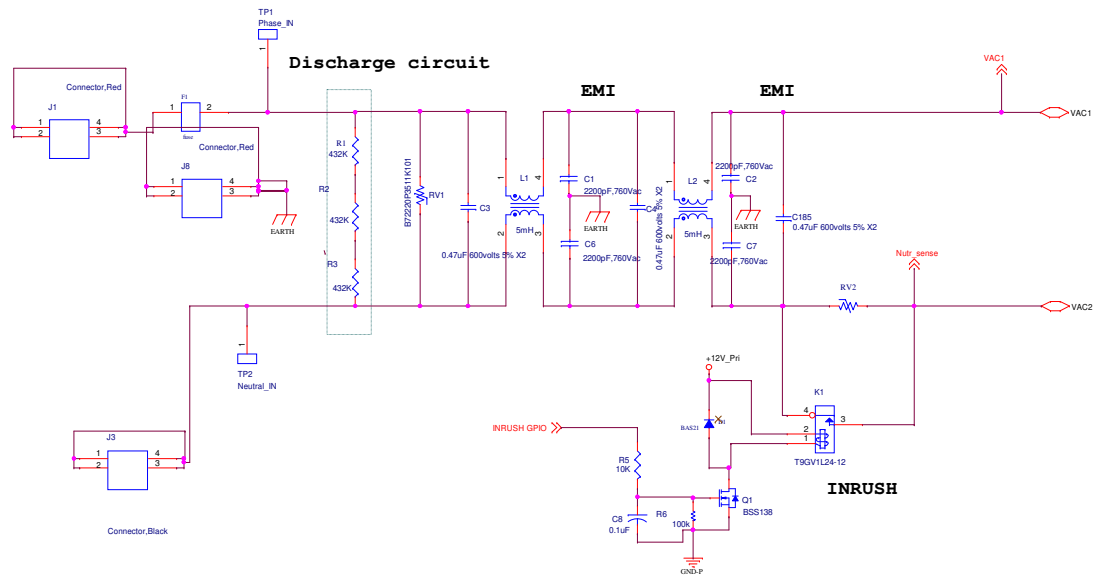


- PWM_VREF << PWM_VREF
- I_BAT_IST << I_BAT_IST
- VO_SNS << VO_SNS
- PWM_IREF << PWM_IREF
- ENA_FAB_PSFB << ENA_FAB_PSFB



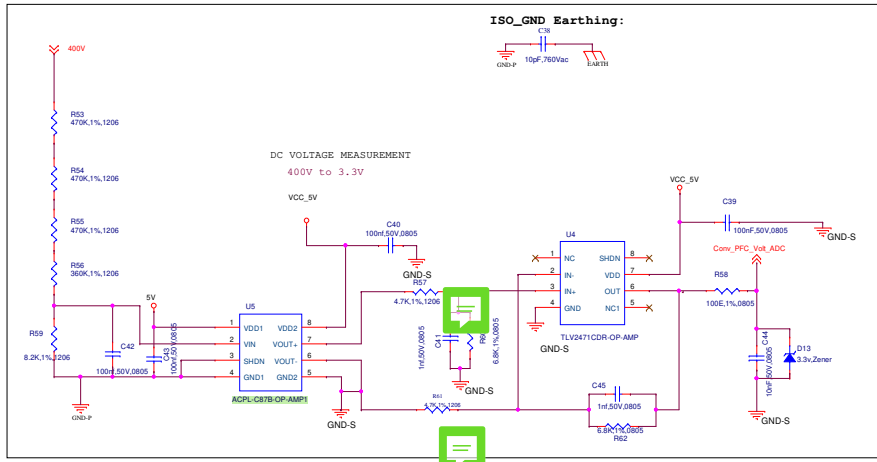
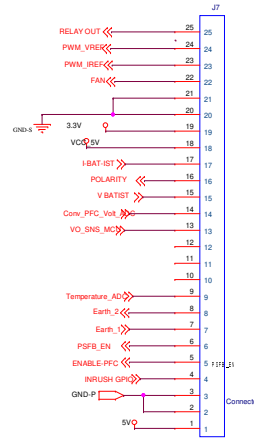
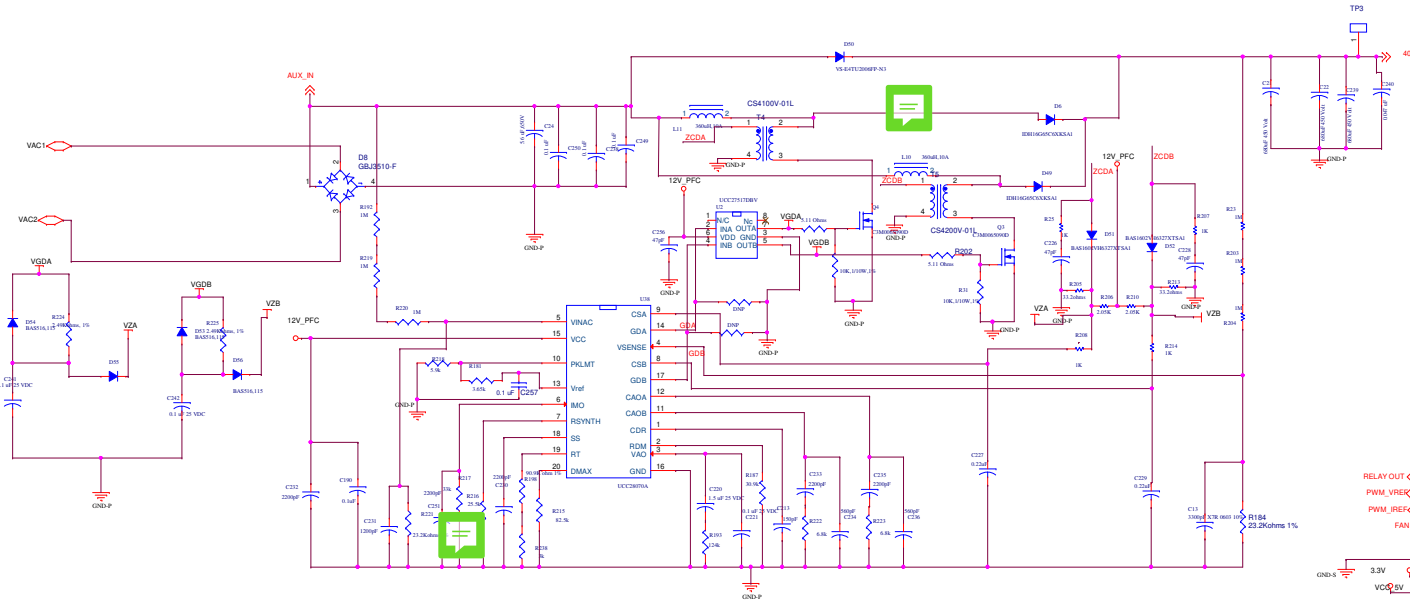
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Input Stage

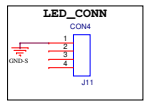
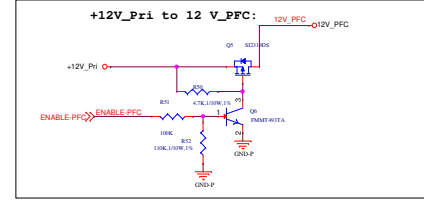


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PFC SECTION

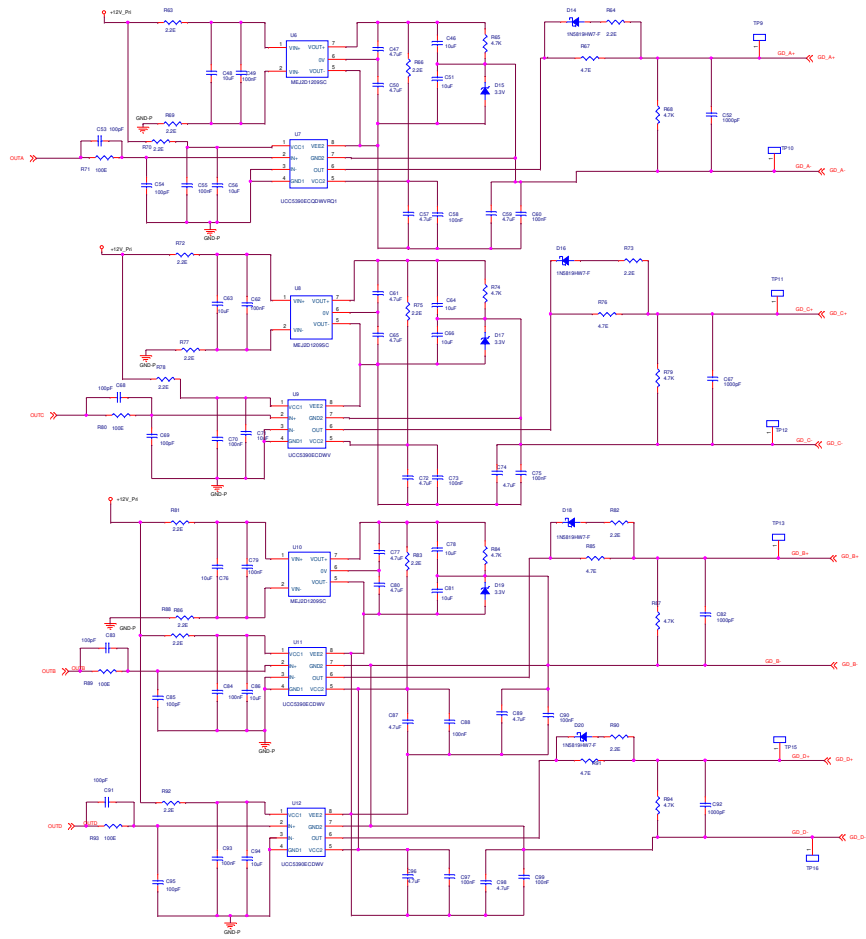


ISO_GND Earthing:



File	AC-DC(PFC)	Rev	
Size	Document Number		
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Date	Friday, April 26, 2024	Sheet	3 of 6

PRIMARY SIDE DRIVERS



1	PS18_Primary Driver circuit
2	UCC3896CDW
3	UCC3896CDW
4	UCC3896CDW
5	UCC3896CDW

PHASE SHIFTED FULL BRIDGE 3KW DC DC CONVERTER

