

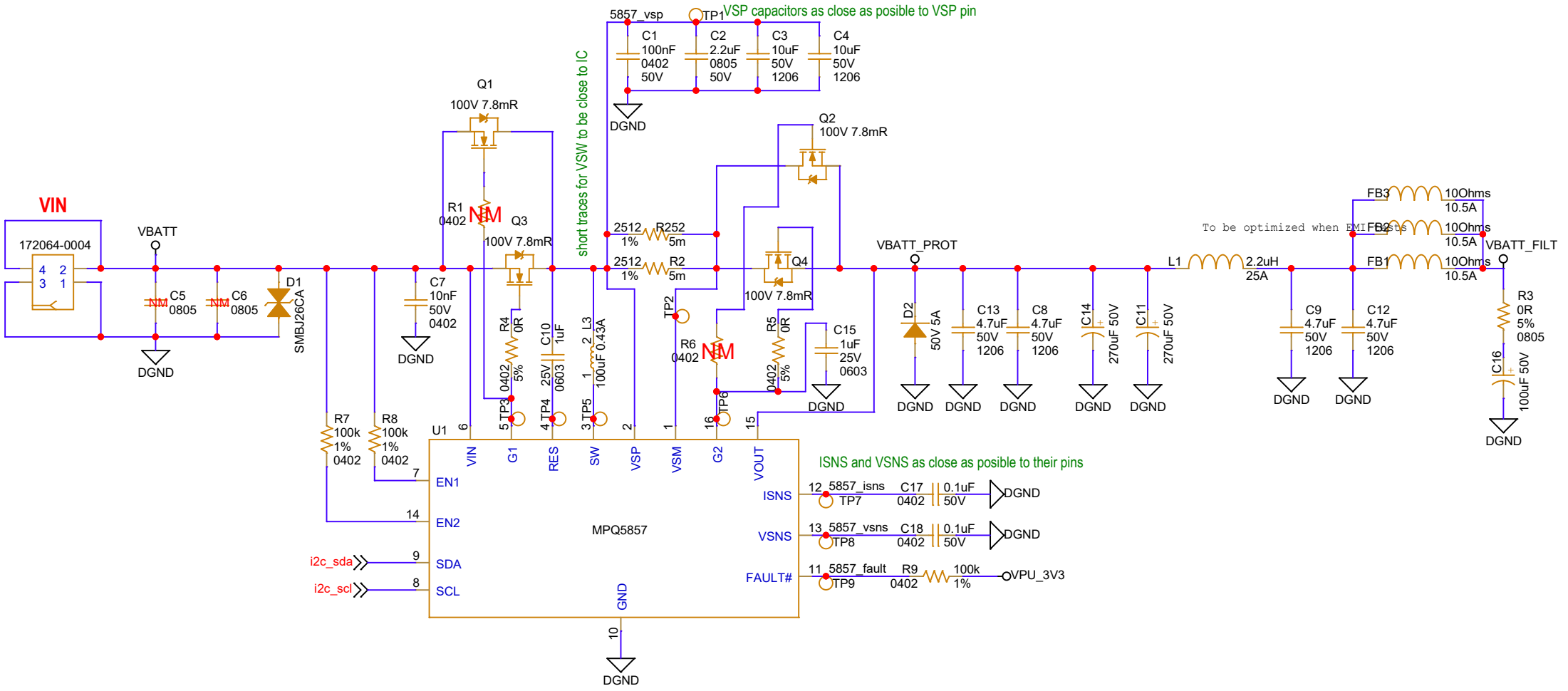
To check the correct PN of MOSFETs

VSP capacitors as close as possible to VSP pin

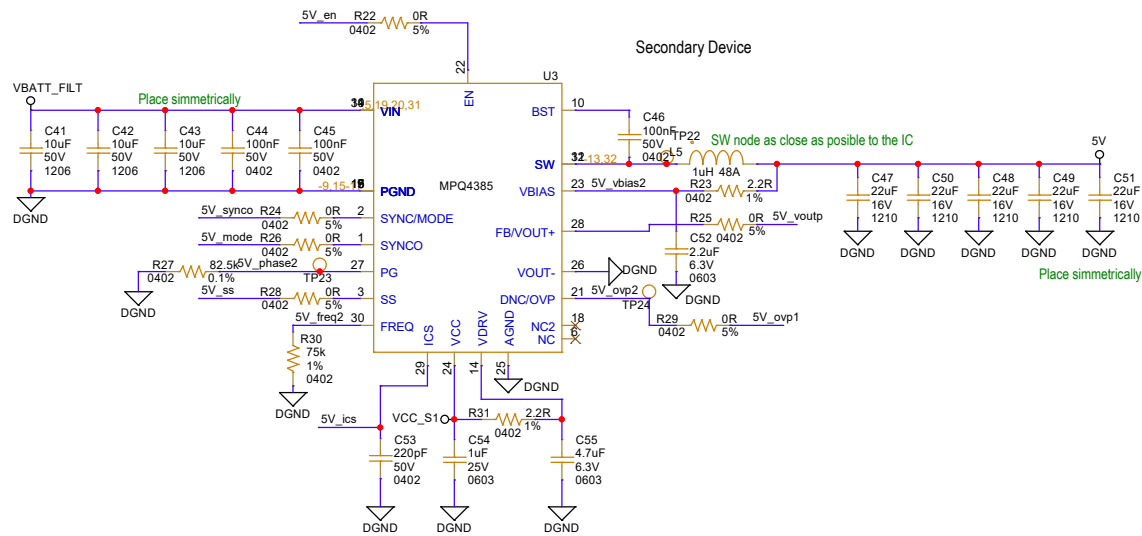
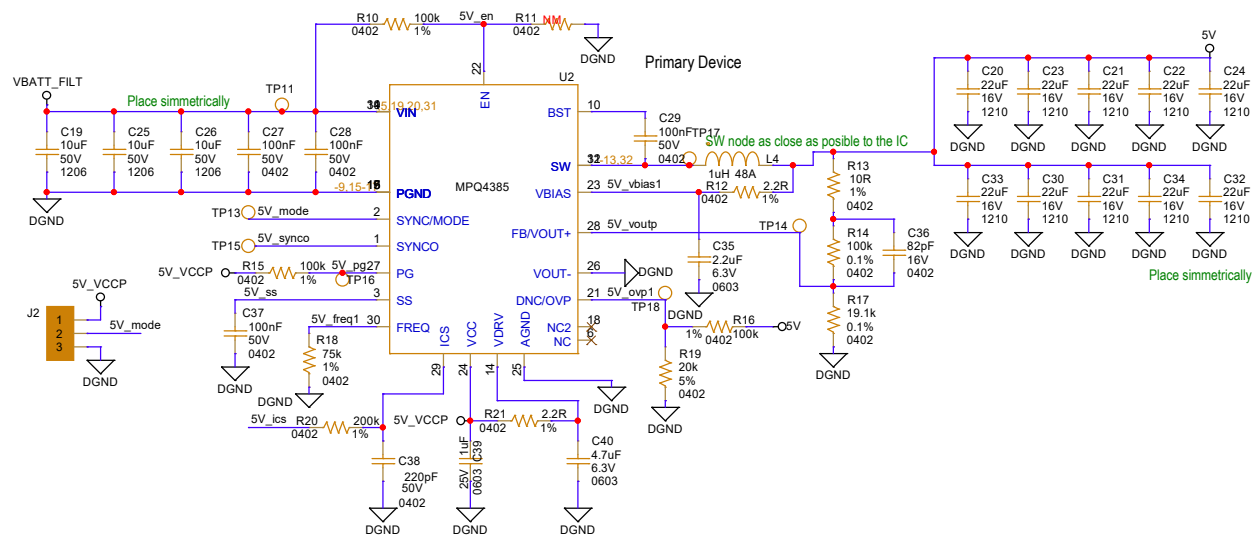
short traces for VSW to be close to IC

ISNS and VSNS as close as possible to their pins

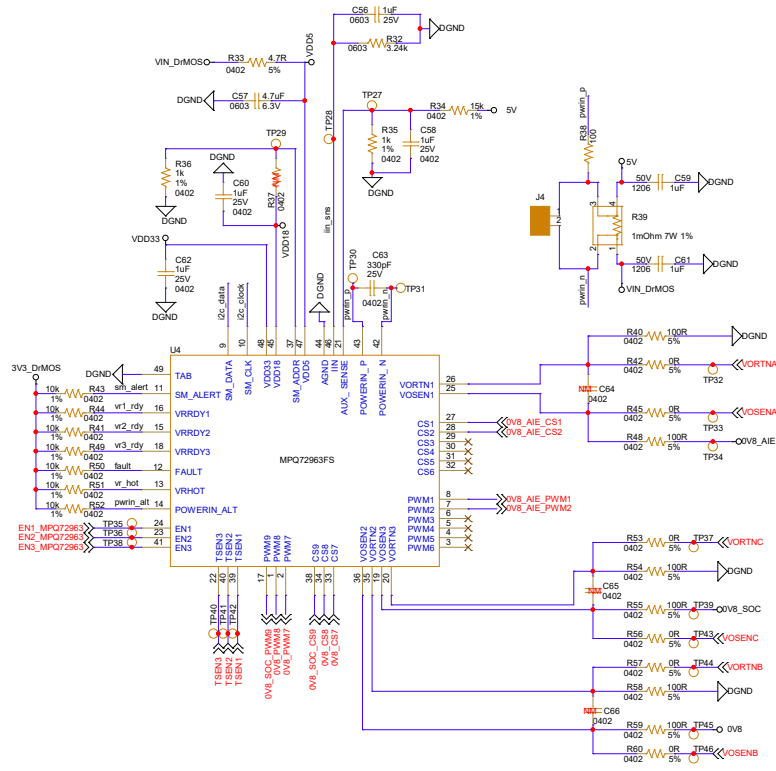
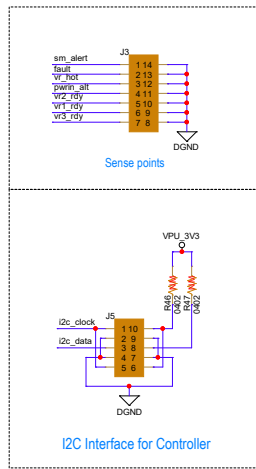
To be optimized when EMI filters

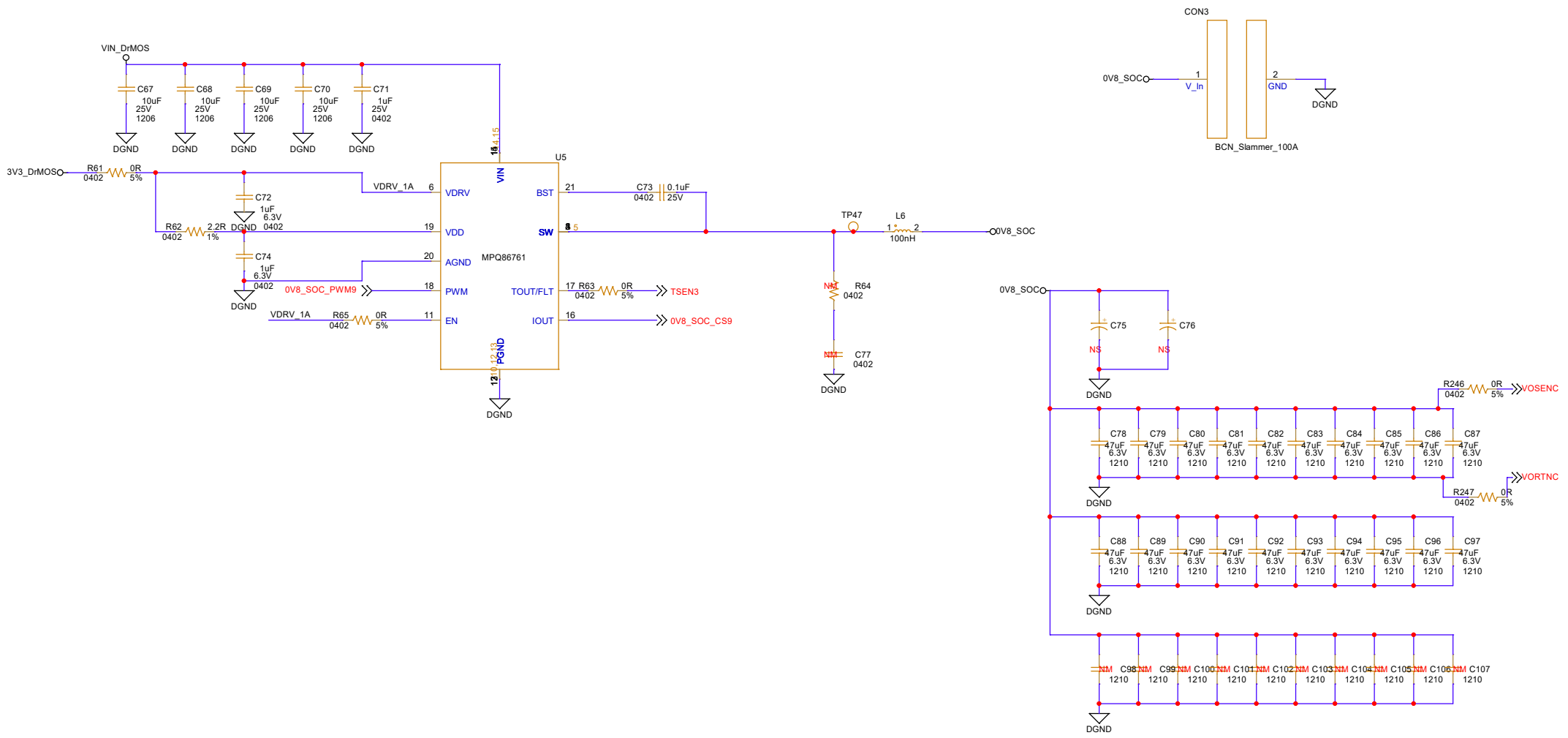


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<b>Date:</b> Wednesday, July 16, 2025		<b>Sheet:</b> 1 of 16	

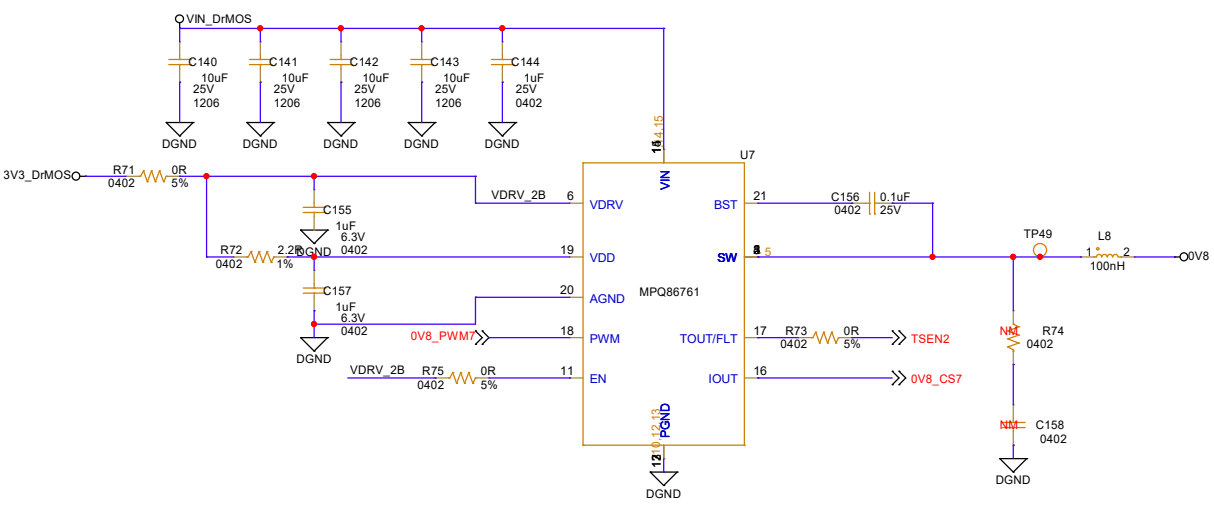
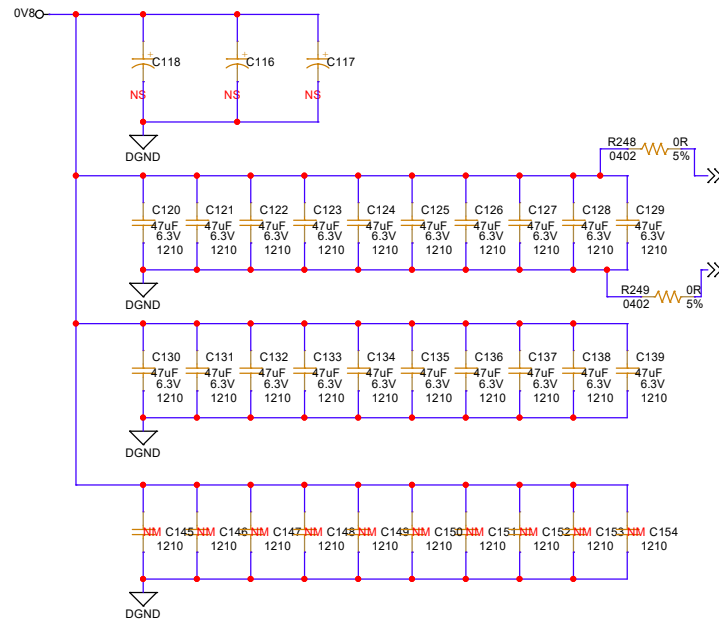
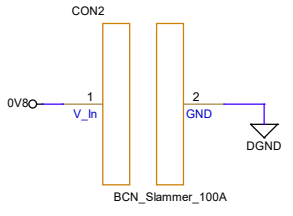
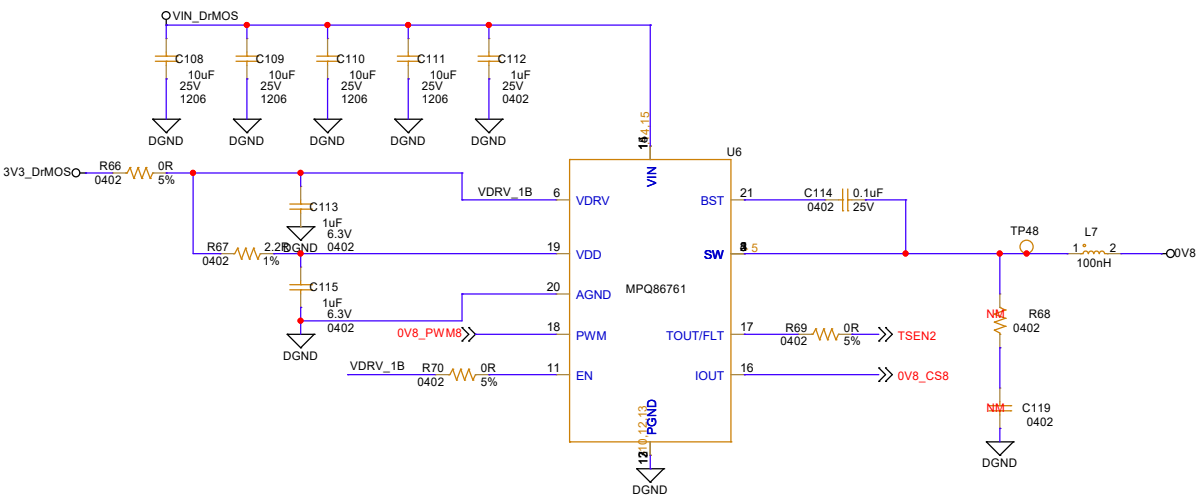


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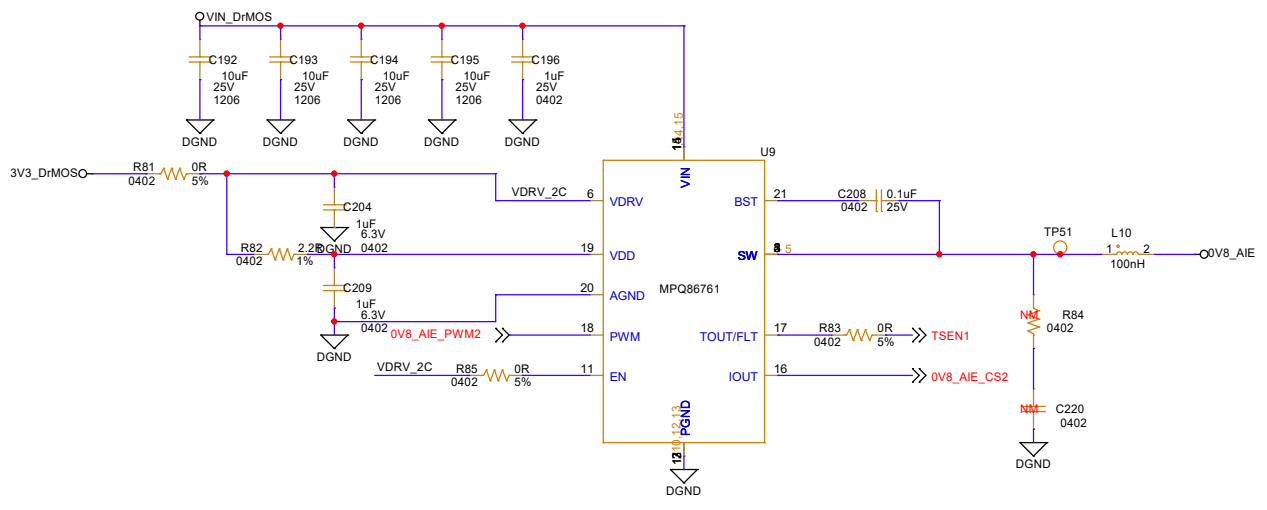
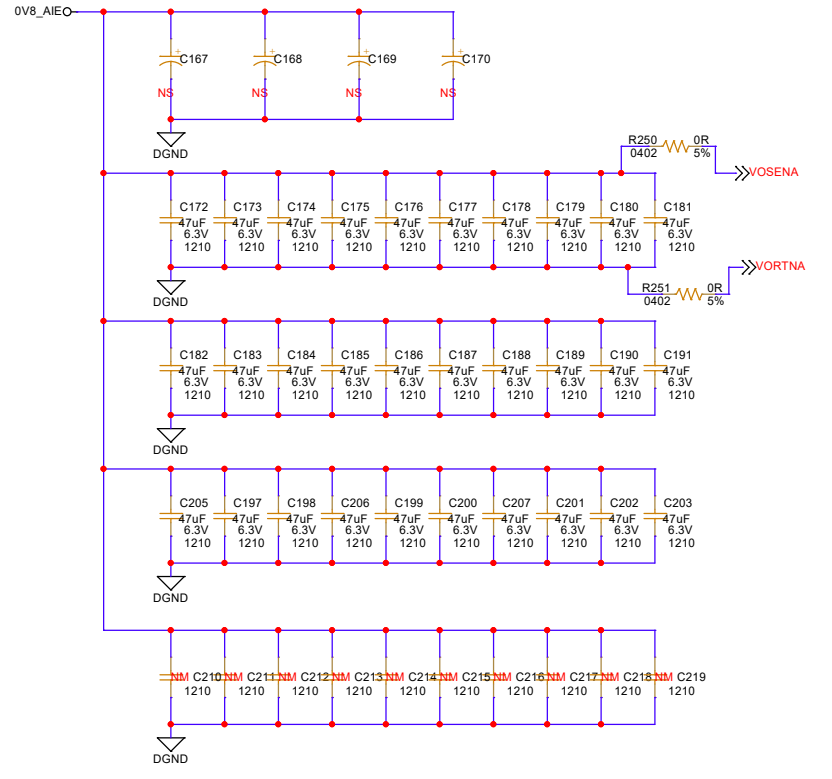
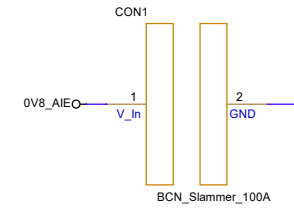
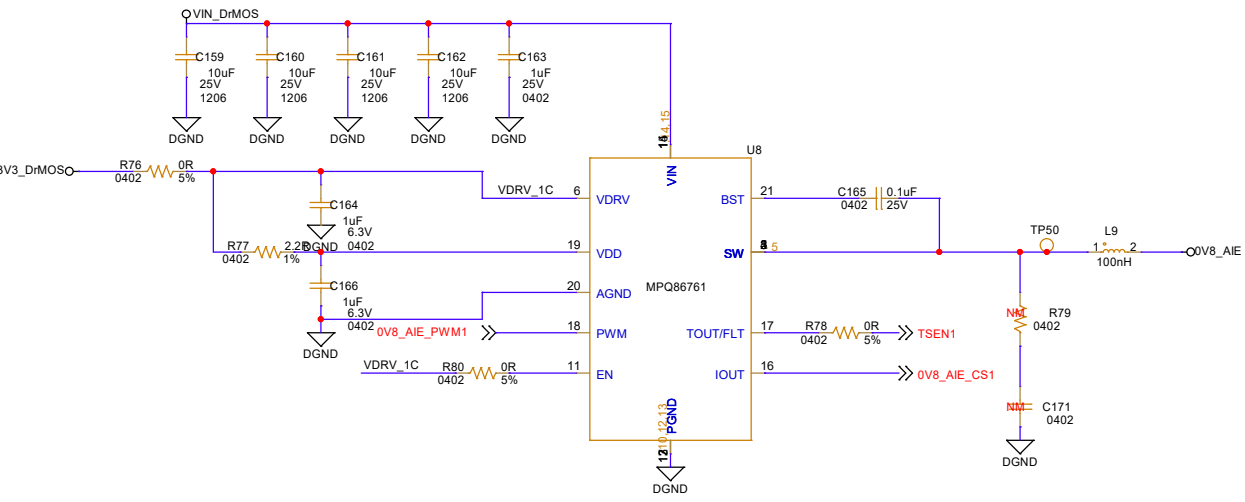




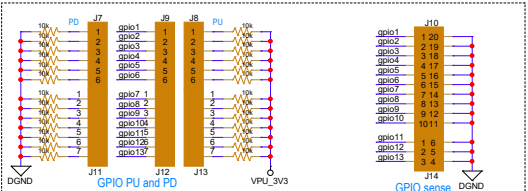
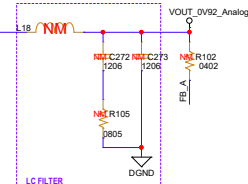
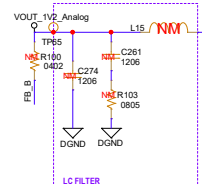
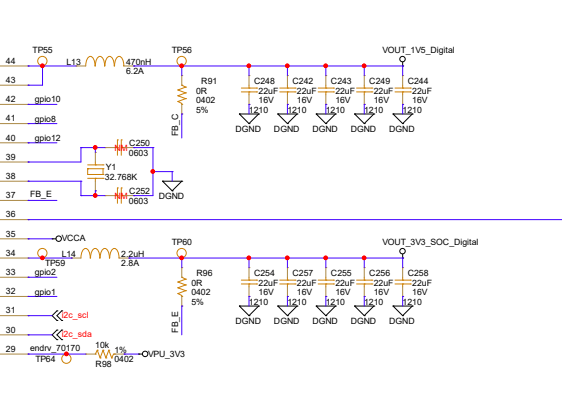
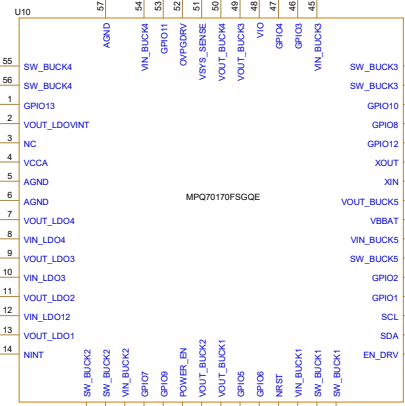
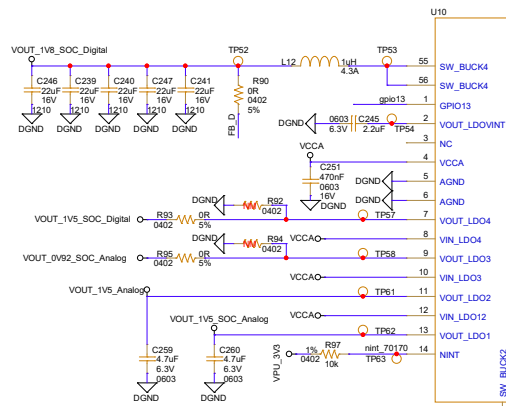
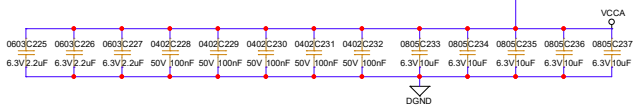
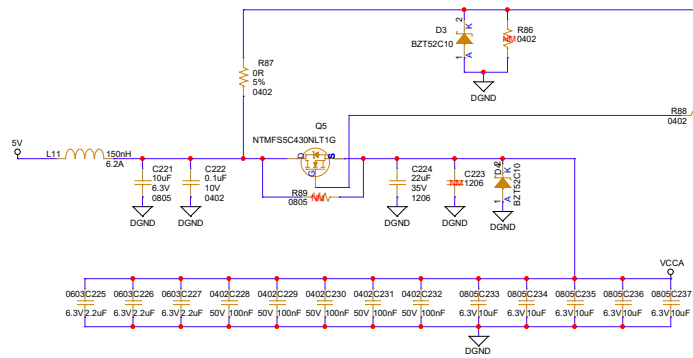
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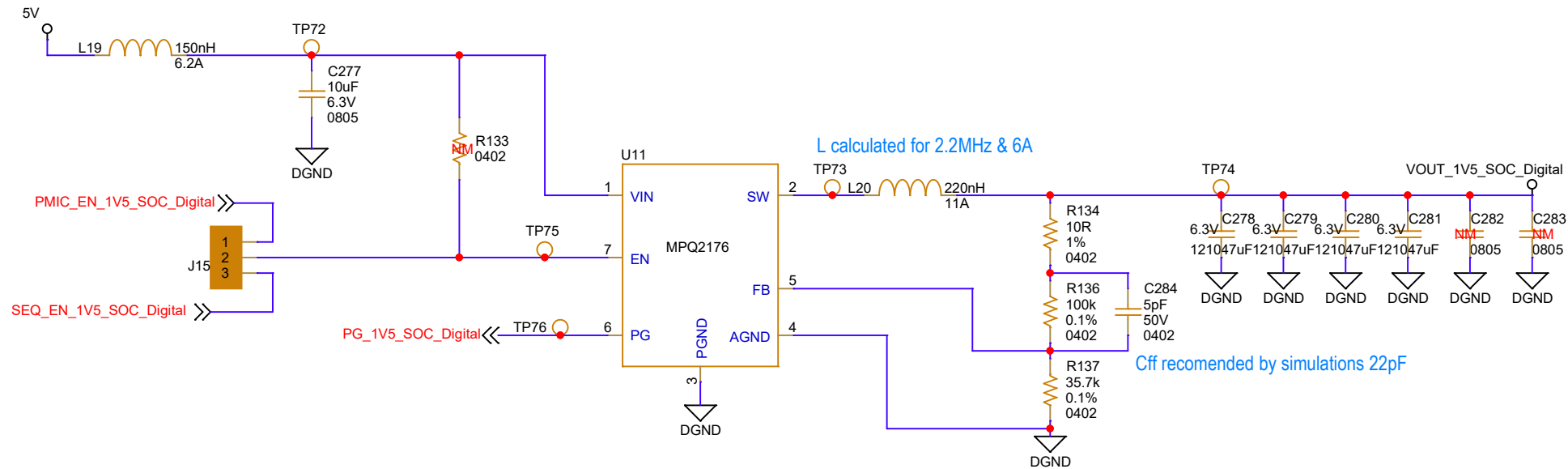


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- PMIC\_EN\_1V5\_SOC\_Analog gpi06
- PMIC\_EN\_3V3\_Digital gpi07
- PMIC\_EN\_1V8\_Digital gpi08
- PMIC\_PG\_BK1 gpi09
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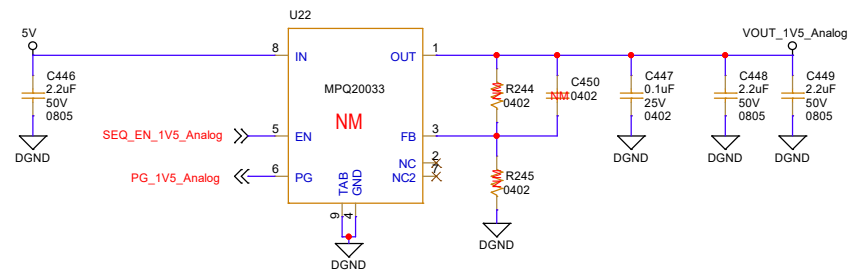
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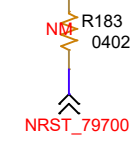
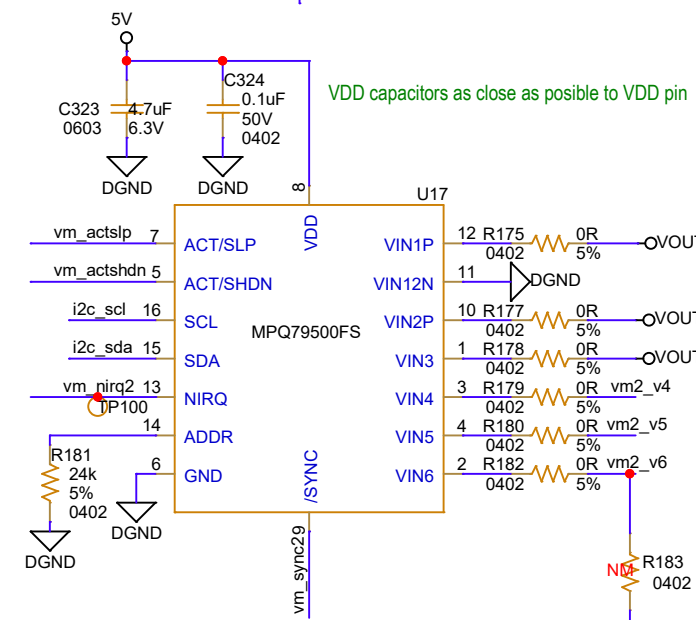
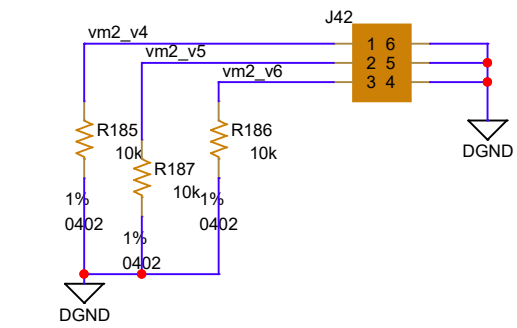
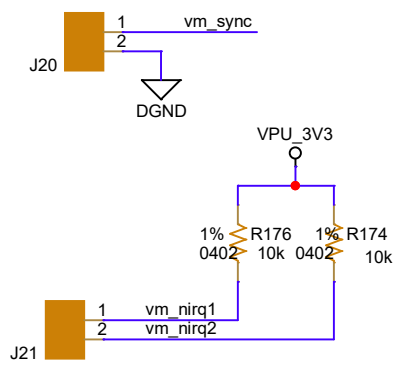
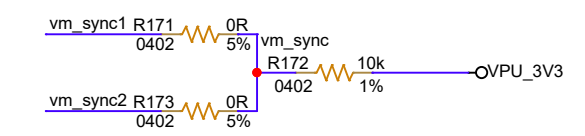
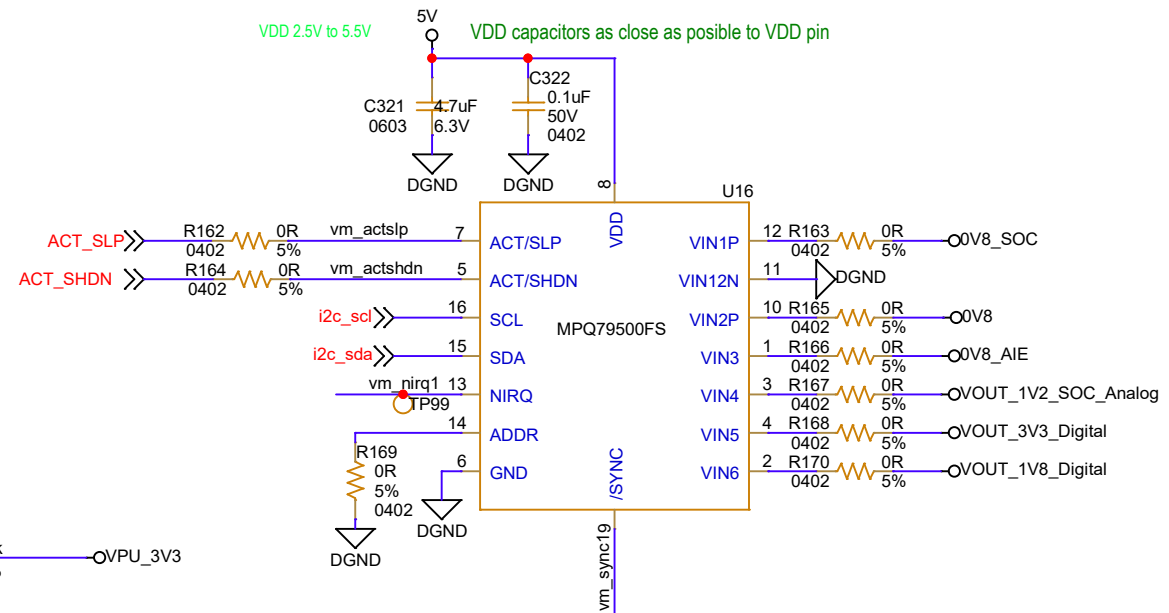


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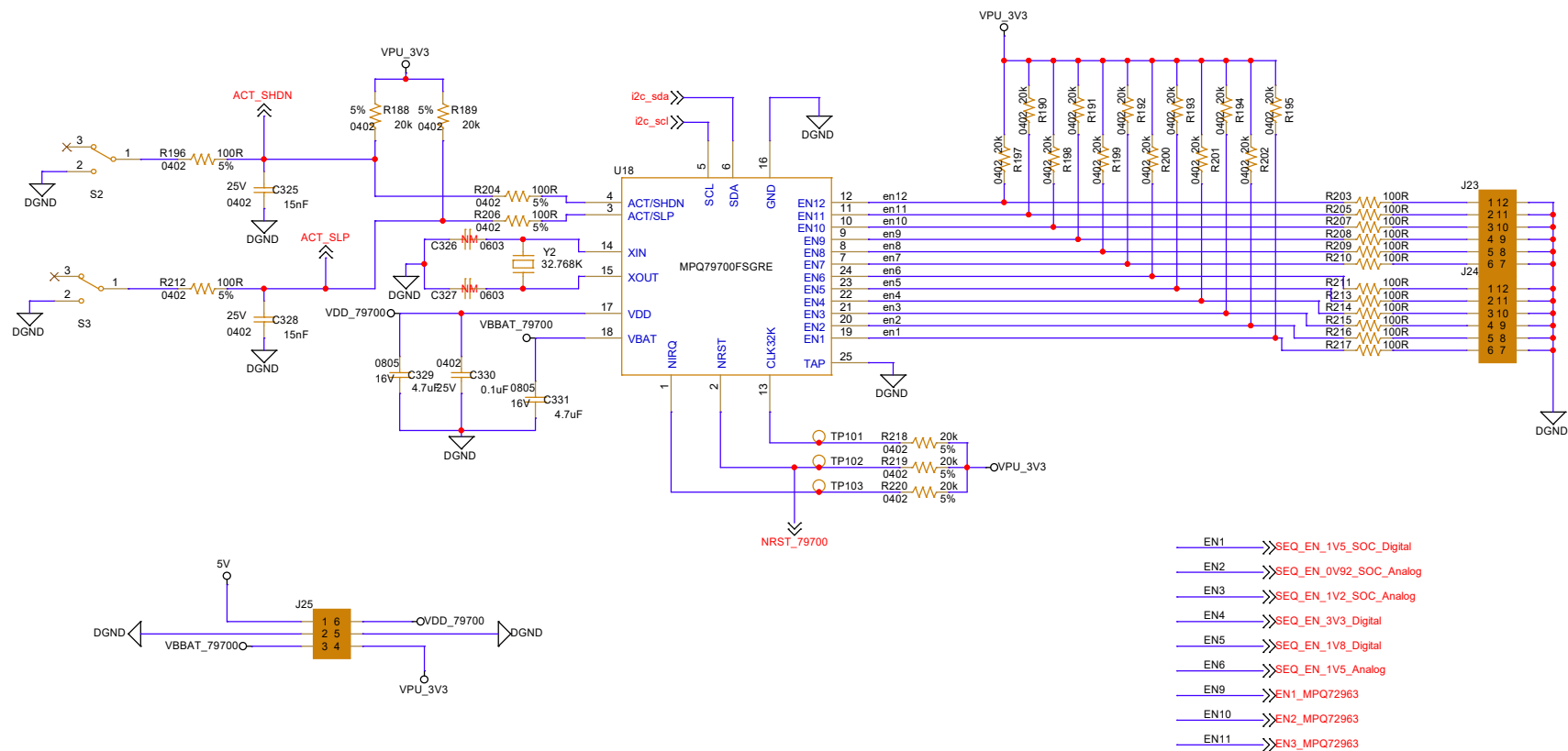


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VDD 2.5V to 5.5V VDD capacitors as close as possible to VDD pin



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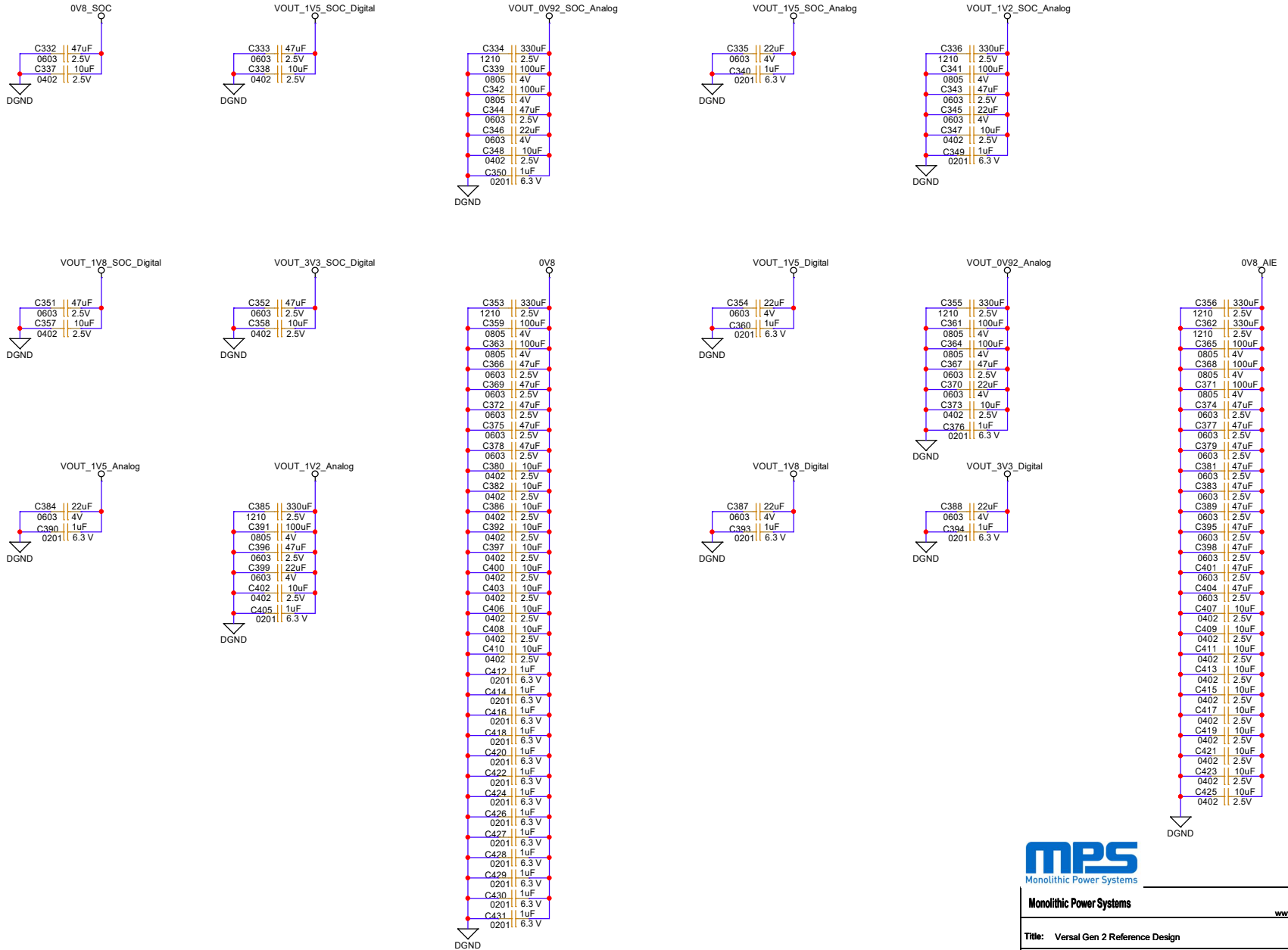


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- EN3 >>> SEQ\_EN\_1V2\_SOC\_Analog
- EN4 >>> SEQ\_EN\_3V3\_Digital
- EN5 >>> SEQ\_EN\_1V8\_Digital
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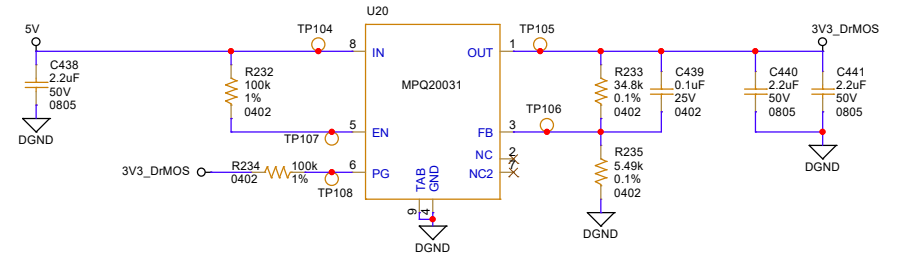
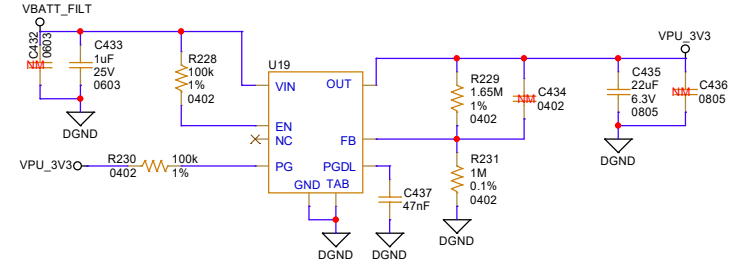
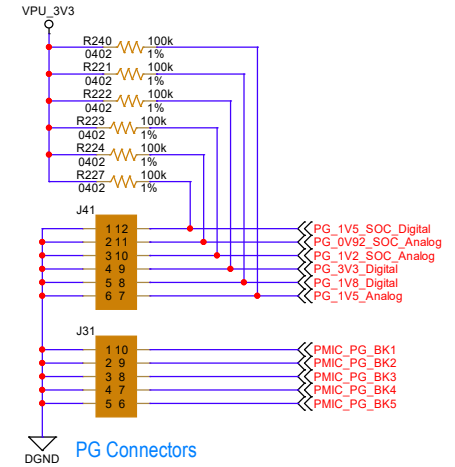
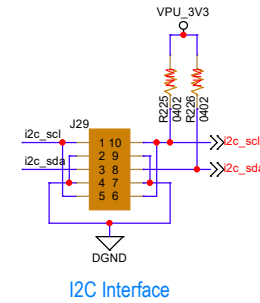
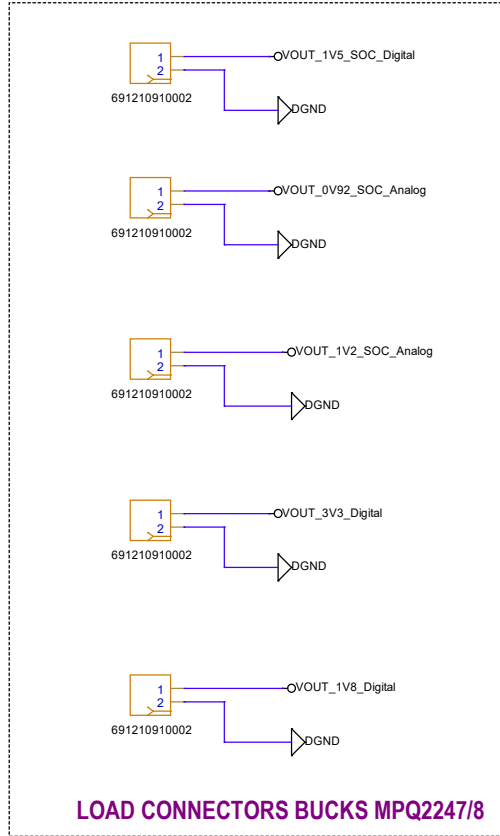
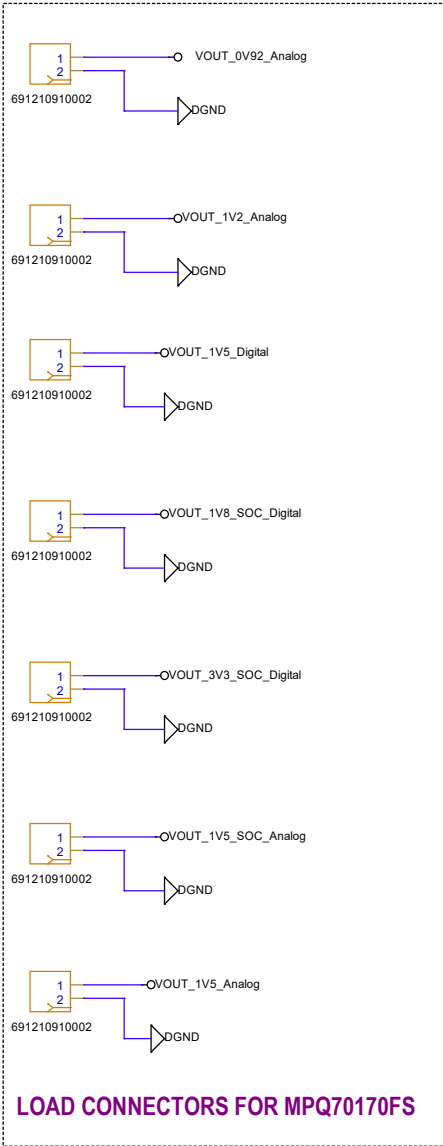
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# VE3858 SOC Mode Board Capacitance

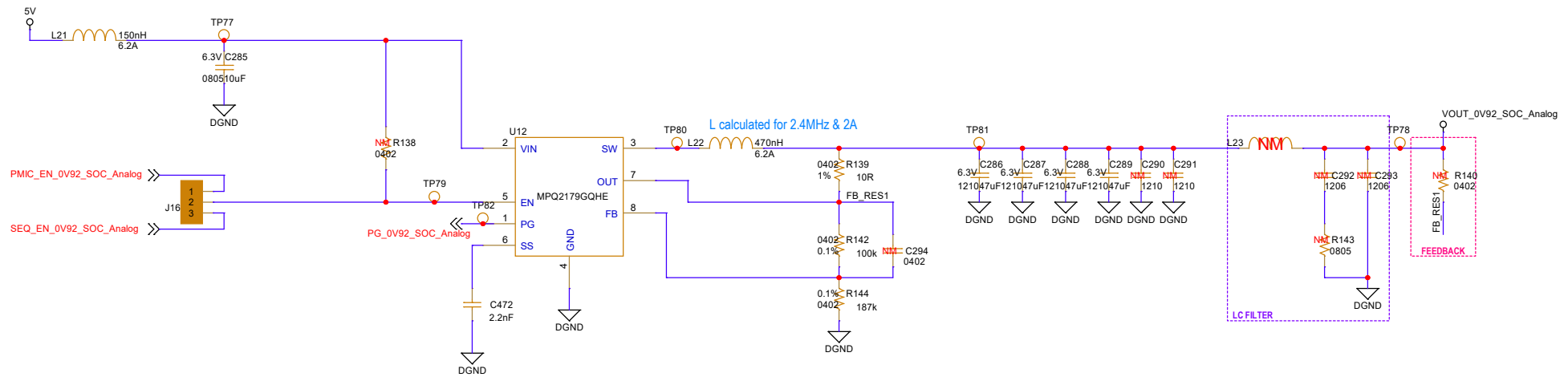


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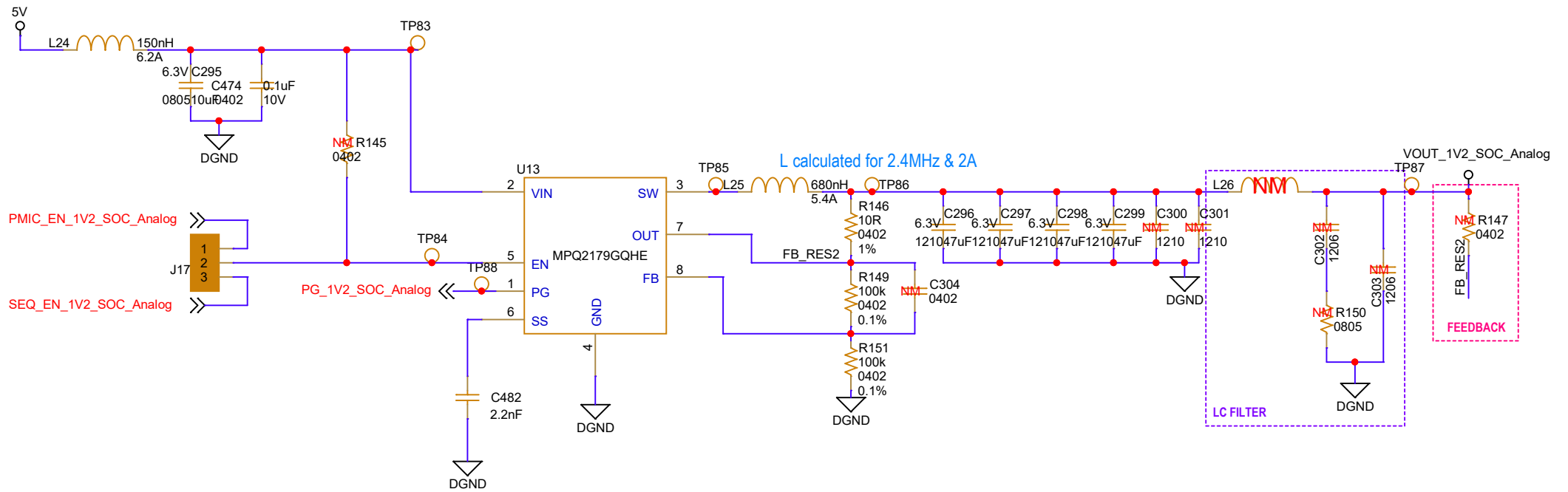
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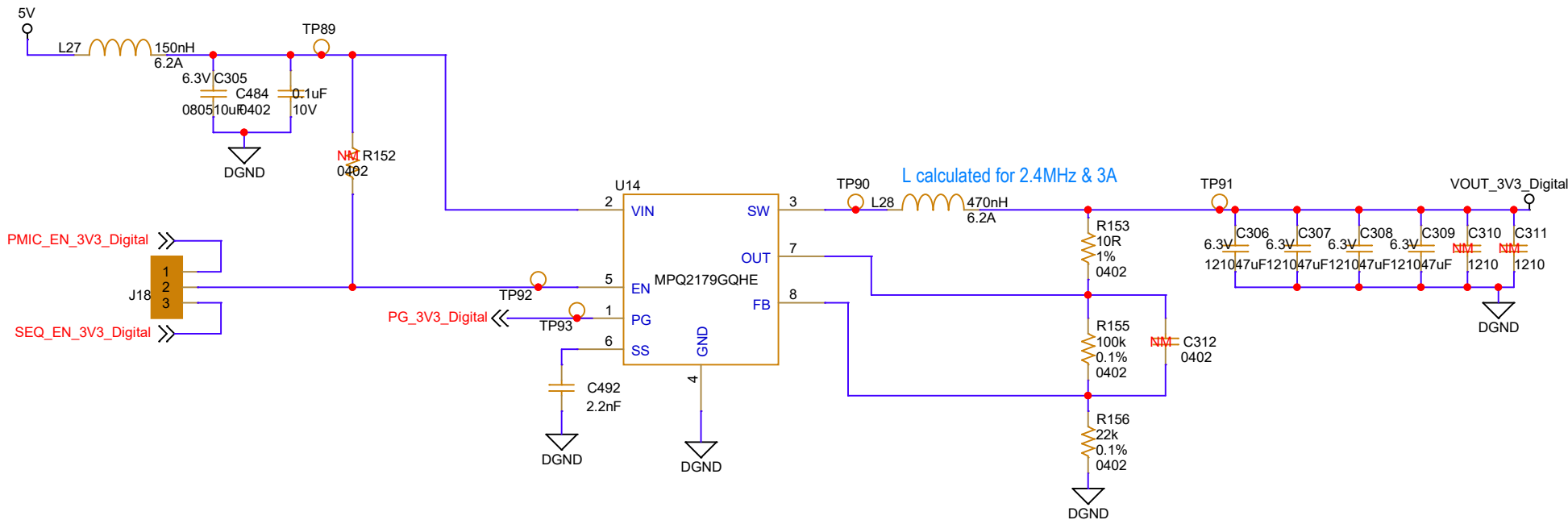
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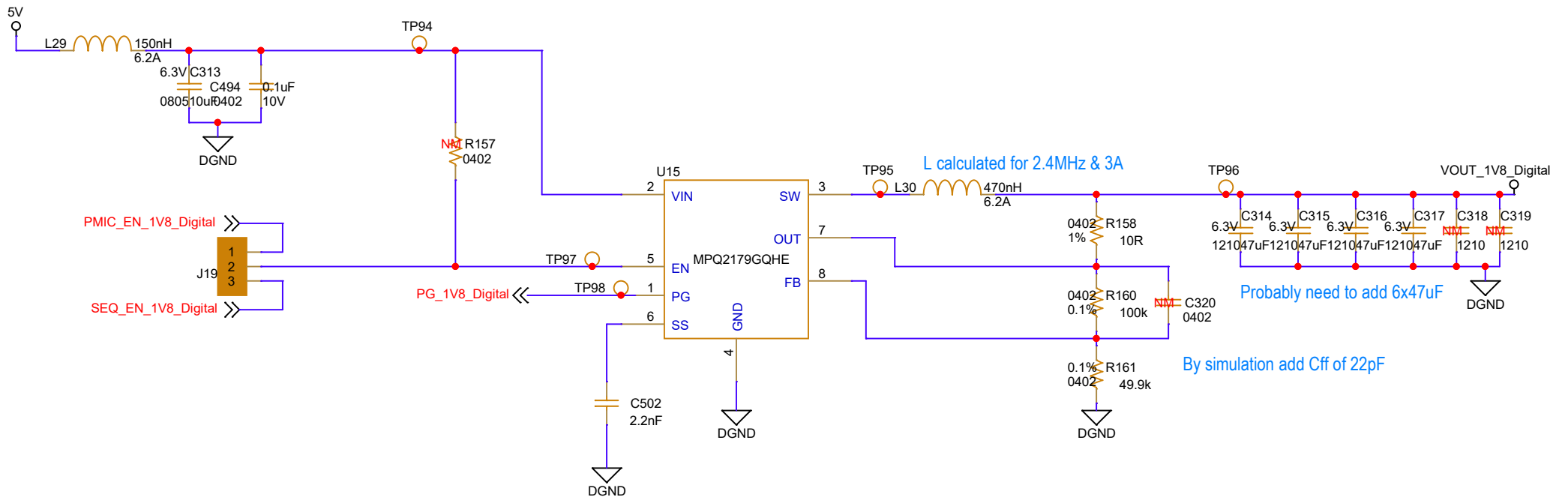
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