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LTC7851 Demo Board
Quad–Phase 5V, 80A Buck Converter

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File: LTC7851_Demo.sch

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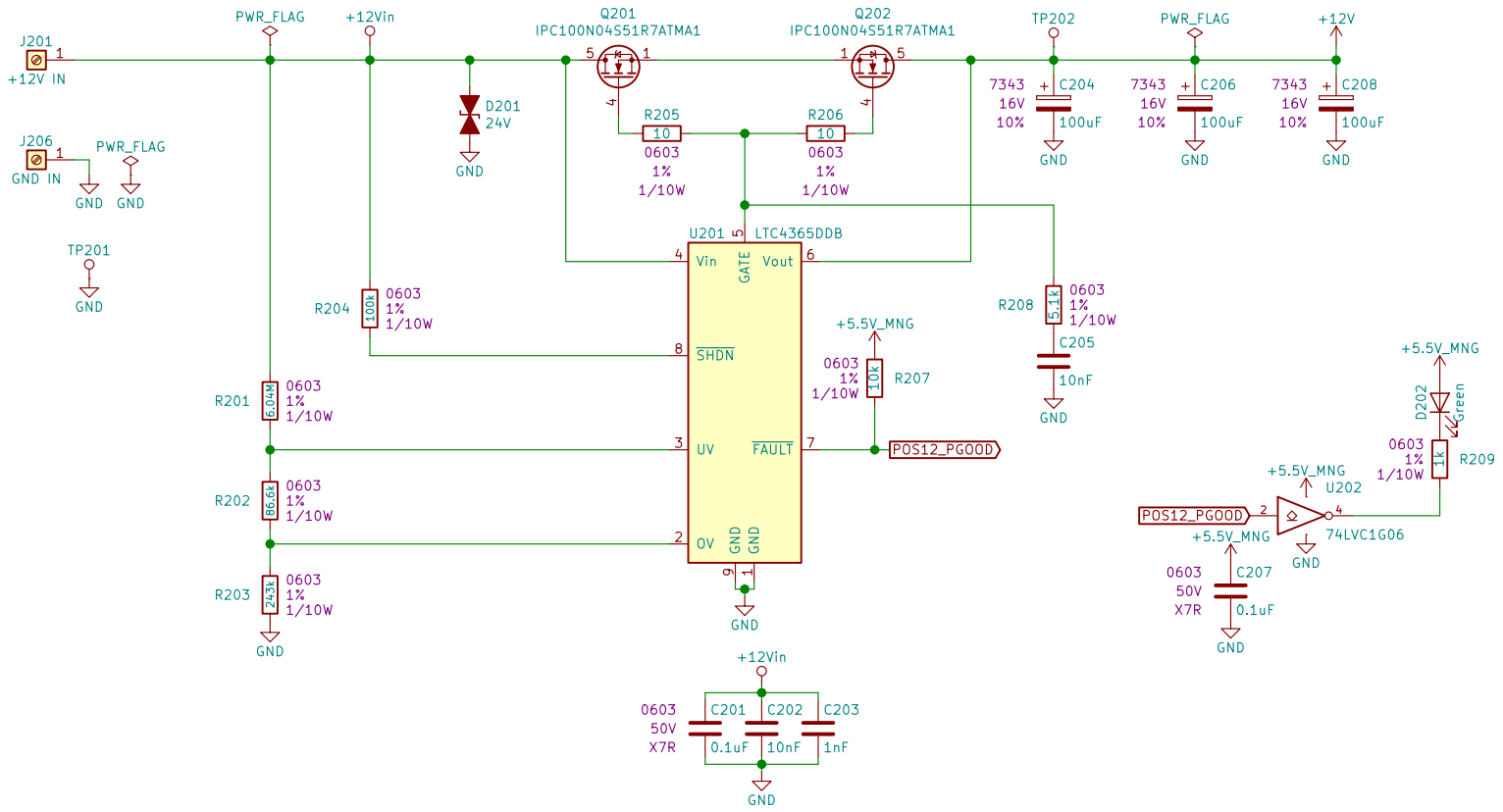
Power Input



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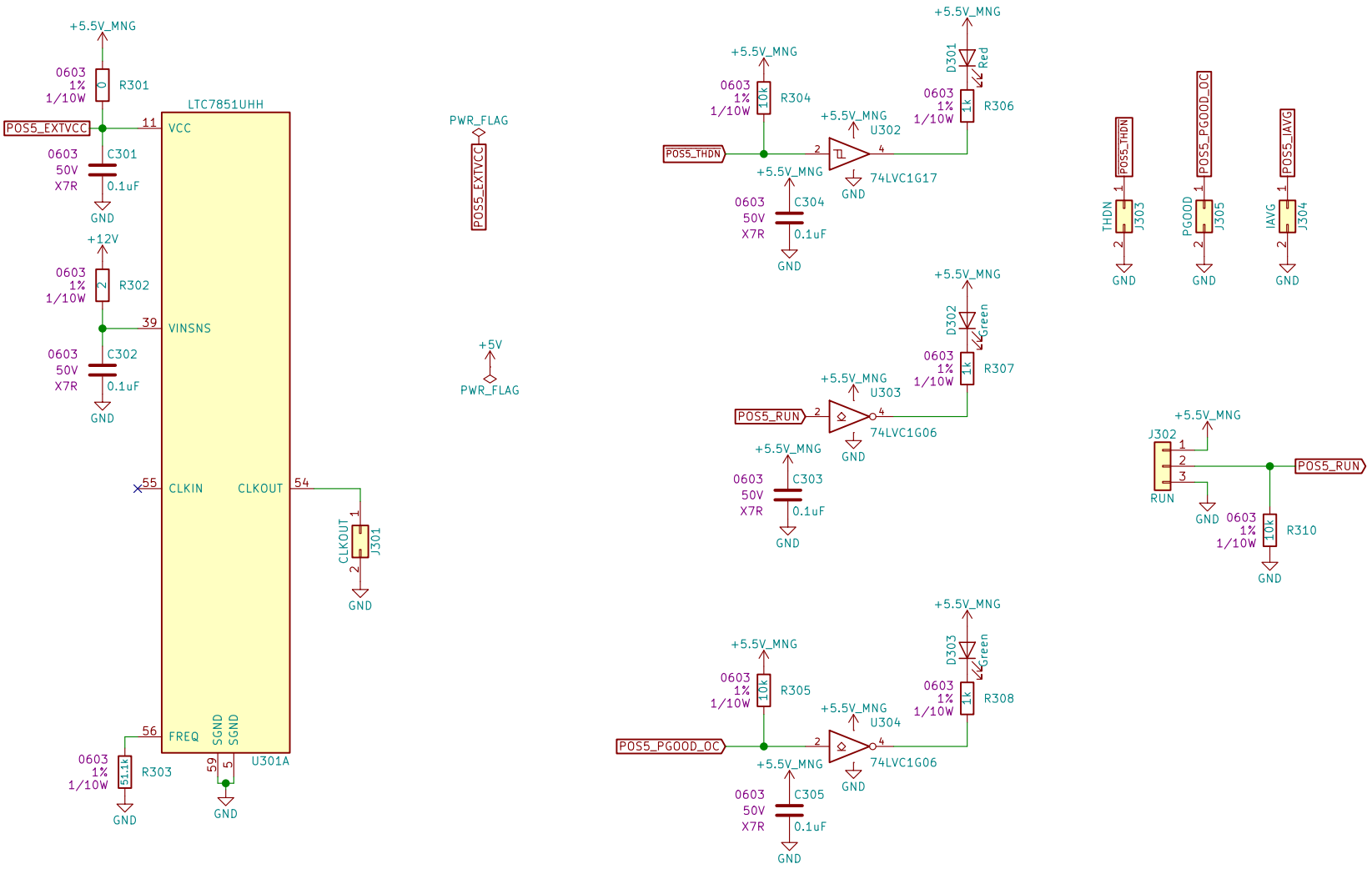
+5V Control



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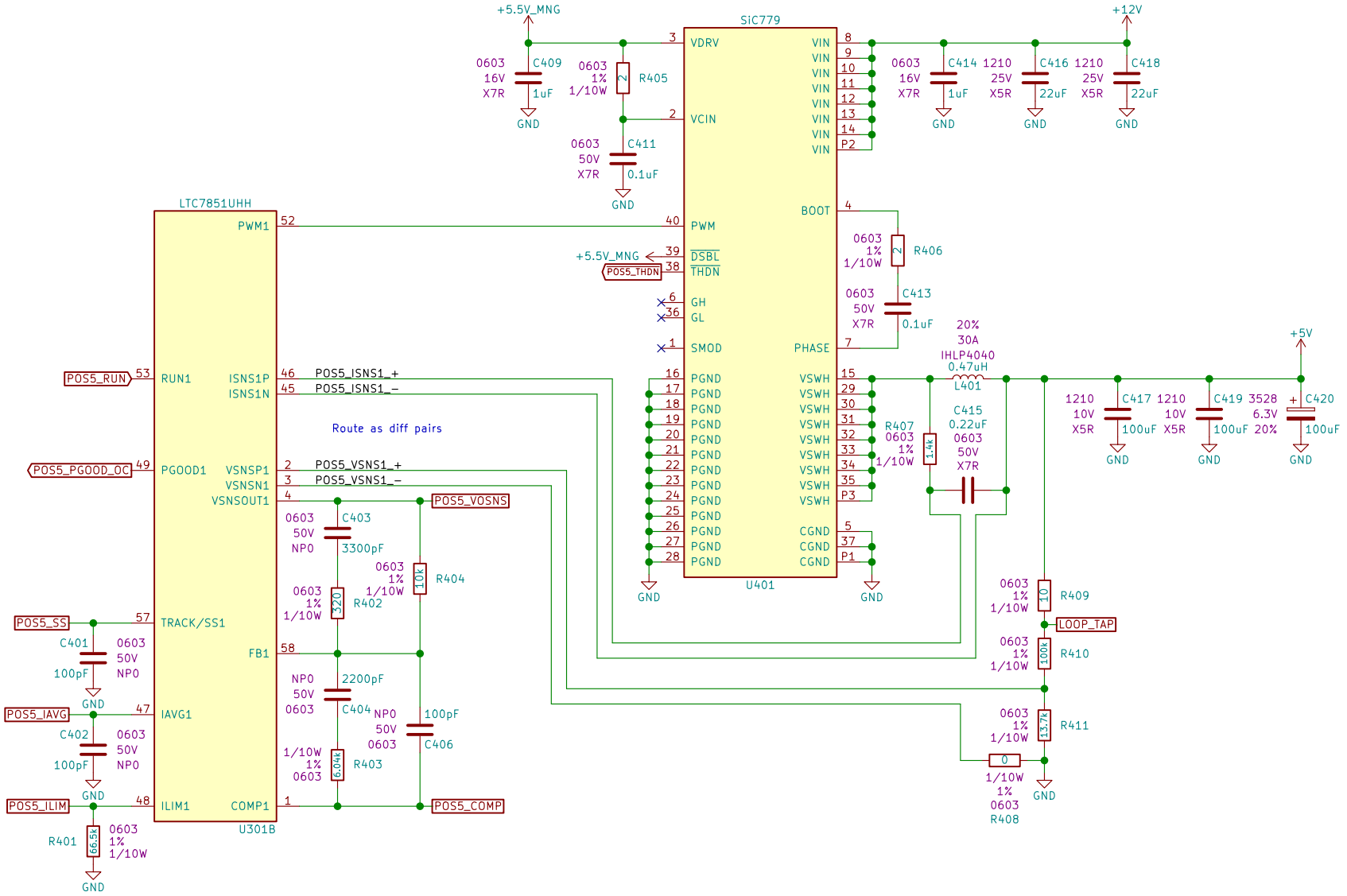
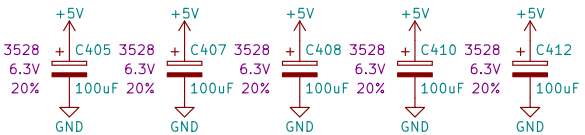
+5V Phase 1





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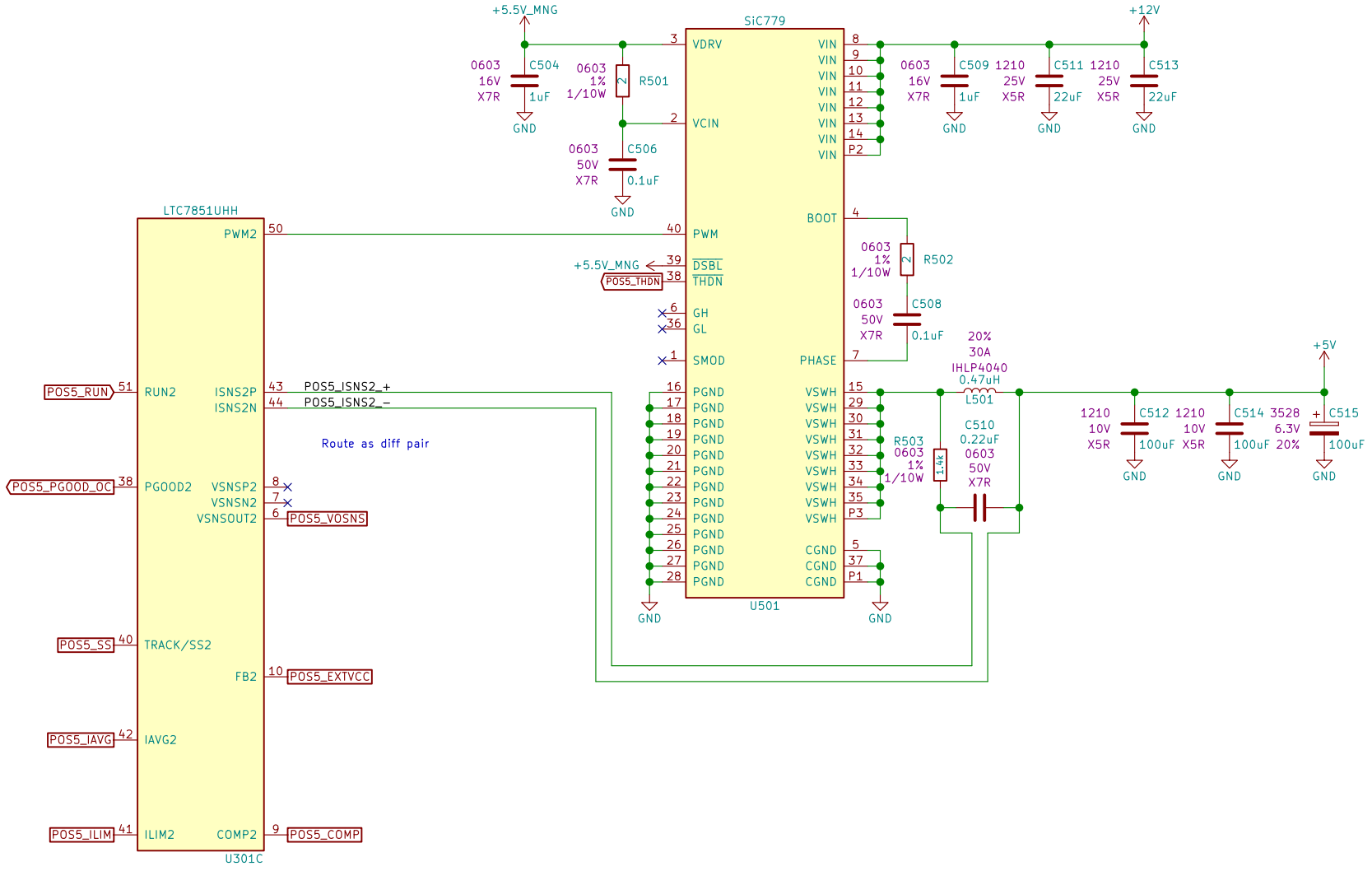
+5V Phase 2



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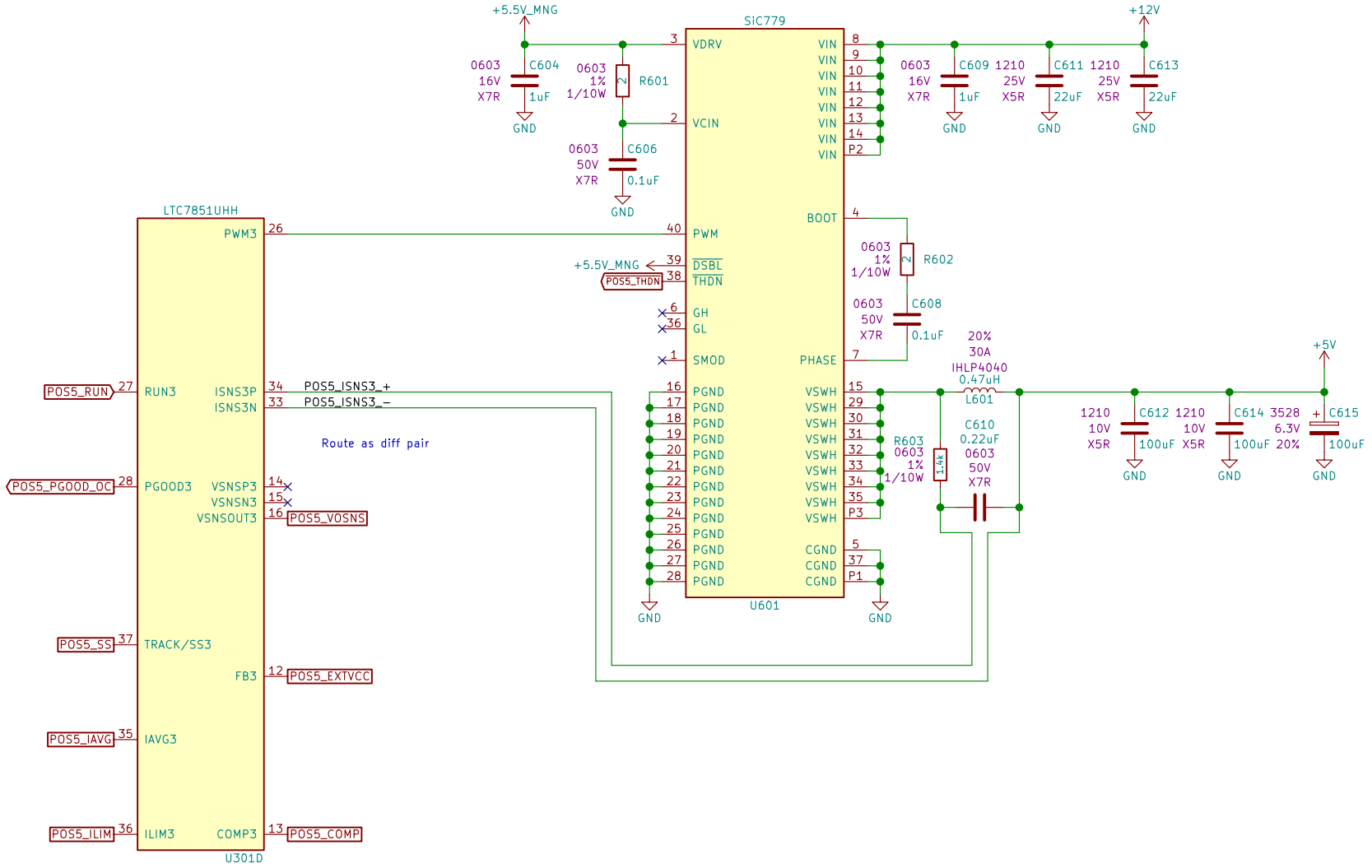
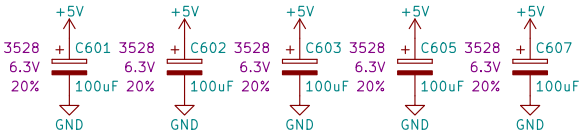
+5V Phase 3





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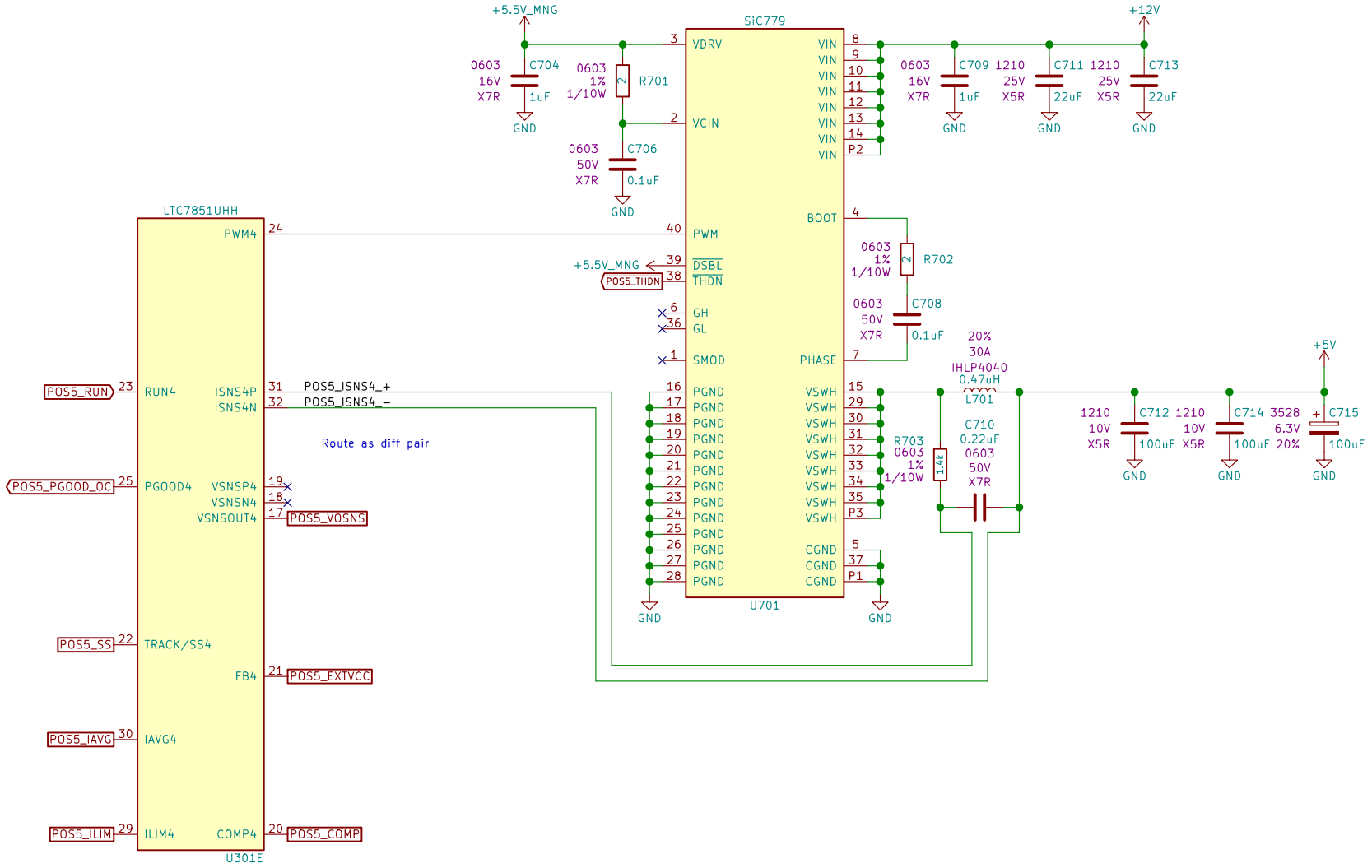
+5V Phase 4



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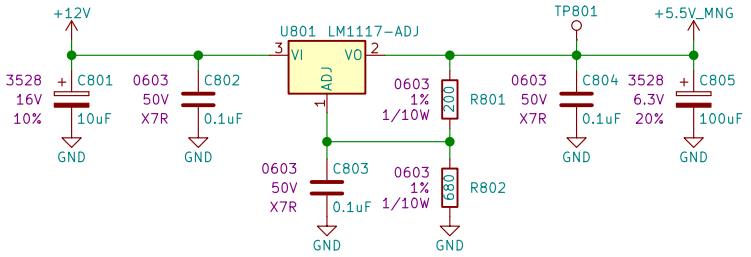
+5.5V MNG



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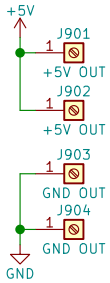
Power Output

Place bulk output caps close to terminals



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Mounting Holes and Mechanical Components

MH1001
MountingHole

MH1003
MountingHole

MH1004
MountingHole

MH1006
MountingHole

4-40 Screw
MK1001

4-40 Screw
MK1009

4-40 Screw
MK1002

4-40 Screw
MK1010

4-40 Standoff
MK1003

4-40 Standoff
MK1011

4-40 Standoff
MK1004

4-40 Standoff
MK1012

Sheet: /Mechanical/ File: Mechanical.sch		
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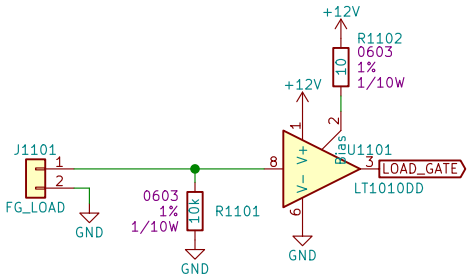
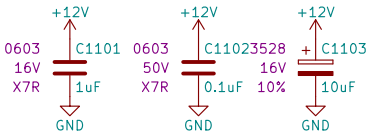
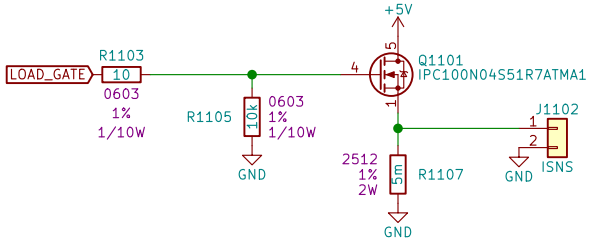
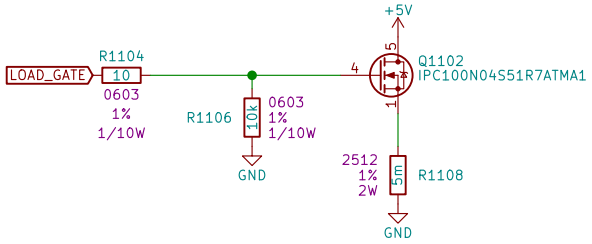
Active Load Driver and Active Load Bank 1









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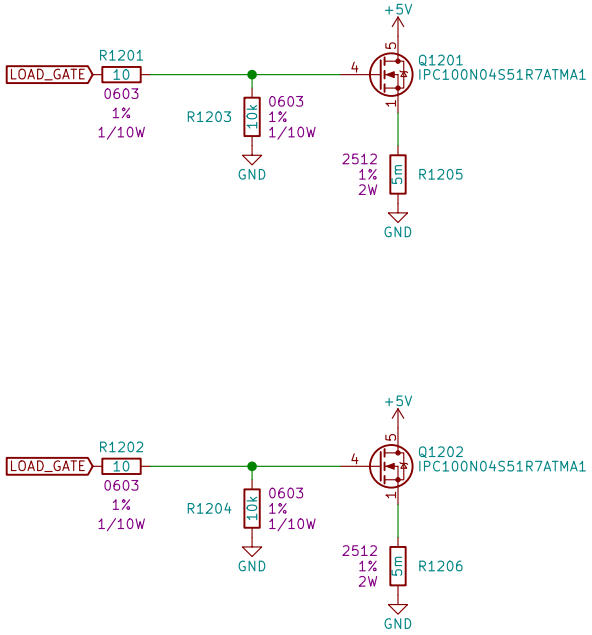
Active Load Bank 2



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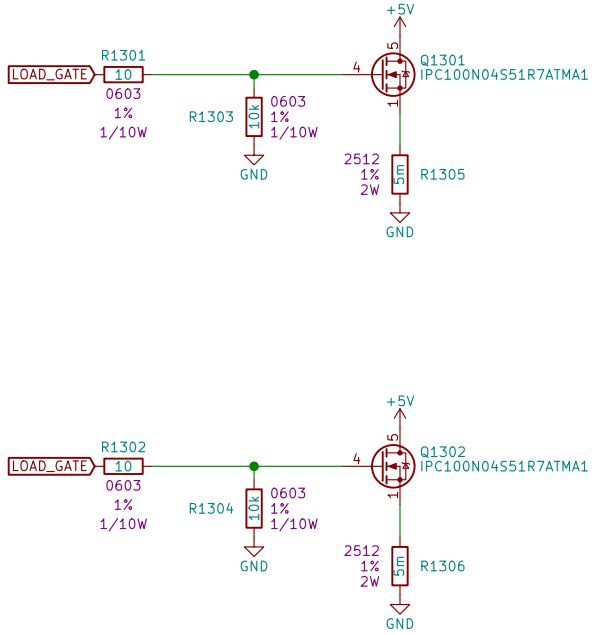
Active Load Bank 3



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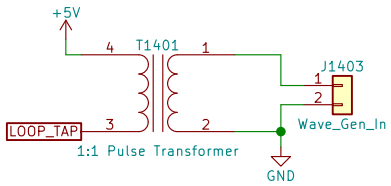
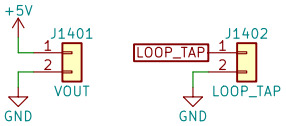
Open Loop Transfer Function Test Components





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