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Quad-Phase 5V, 80A Buck Converter

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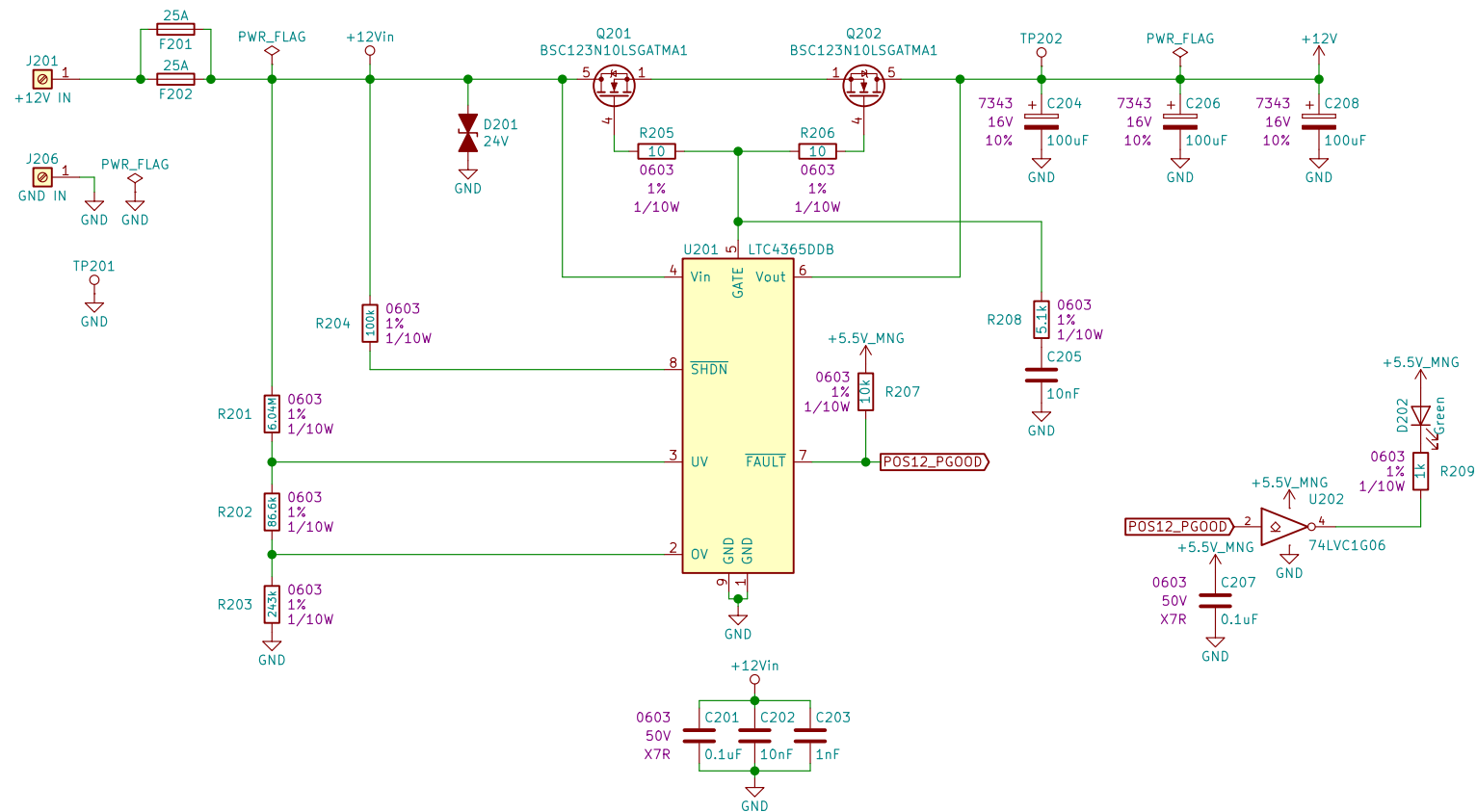
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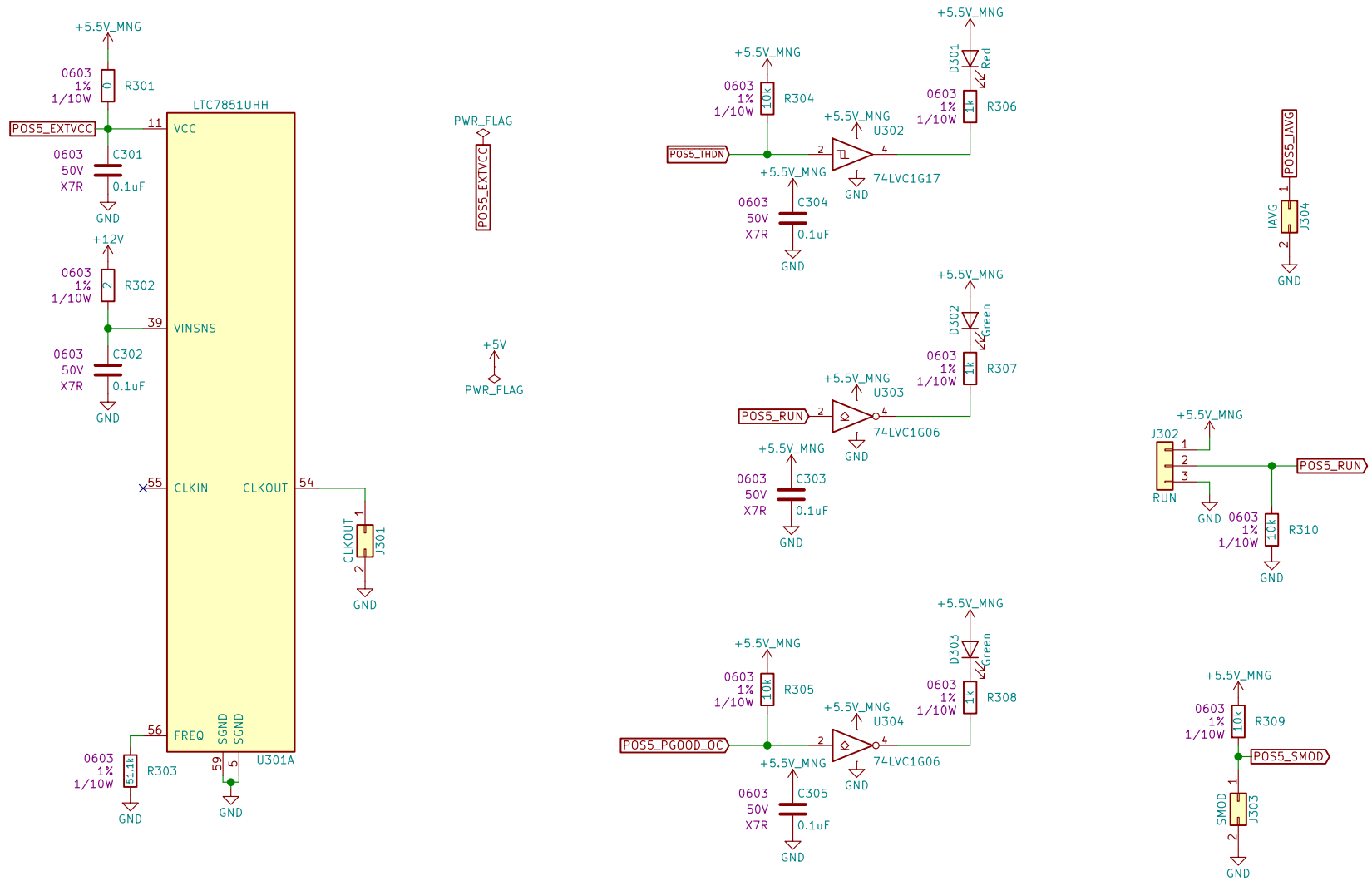
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Power Input



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+5V Control



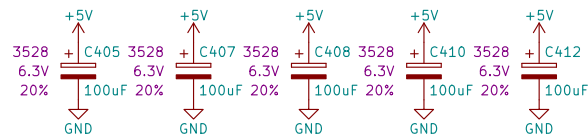
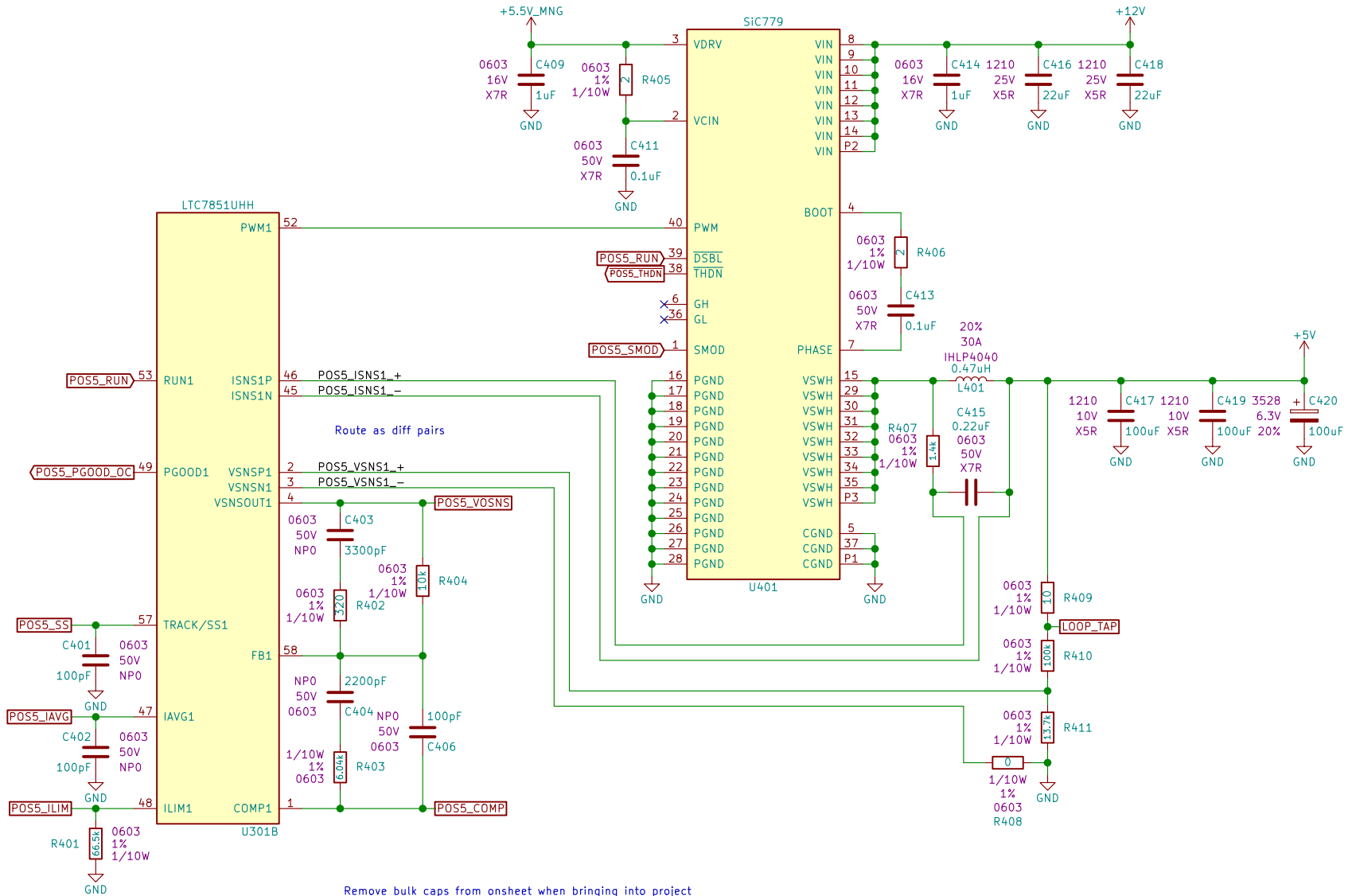
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Id: 3/14

+5V Phase 1



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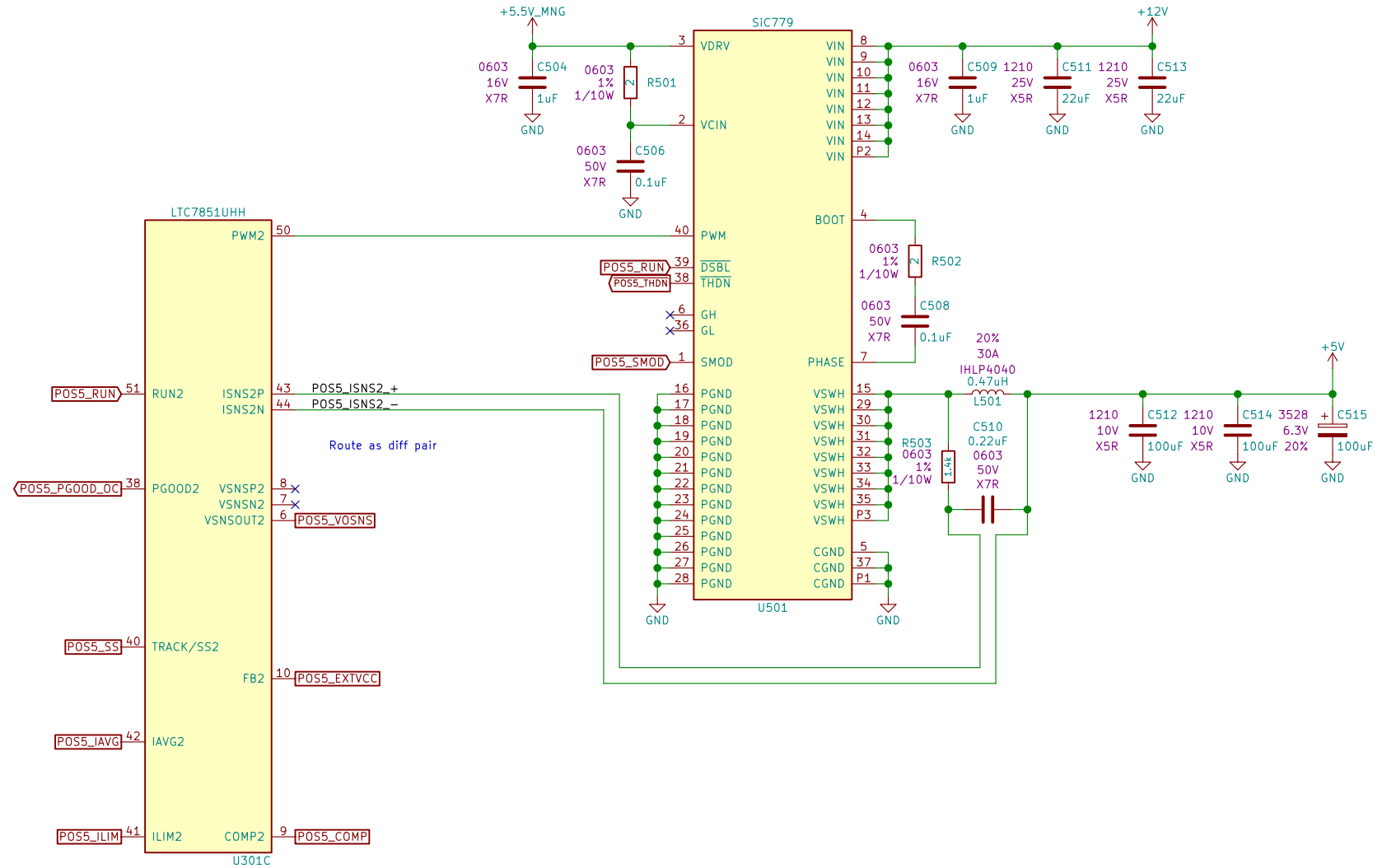
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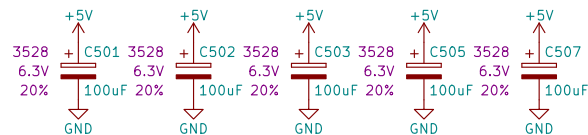
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+5V Phase 2



Remove bulk caps from onsheets when bringing into project



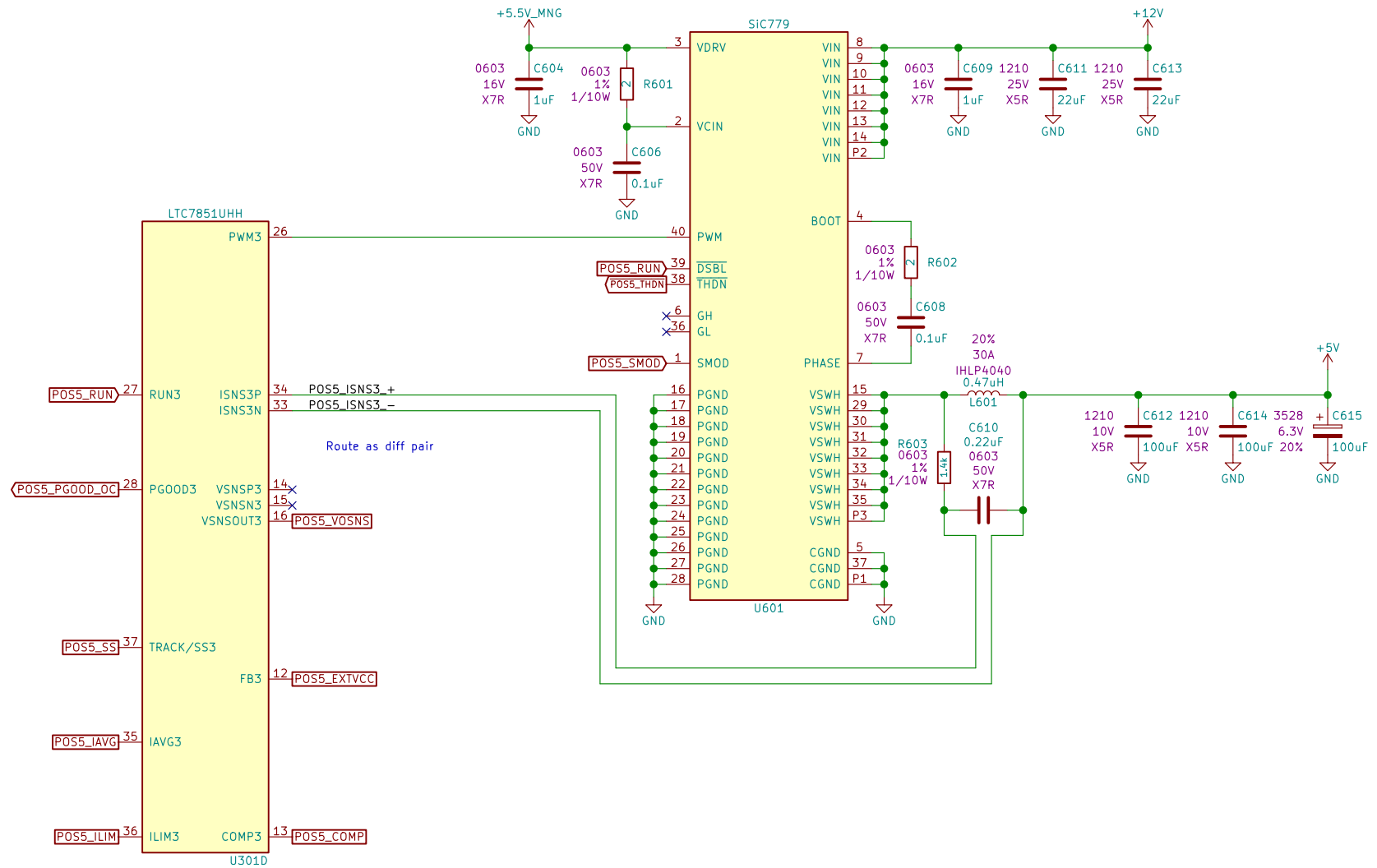
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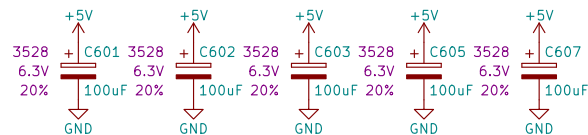
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+5V Phase 3



Remove bulk caps from onsheets when bringing into project



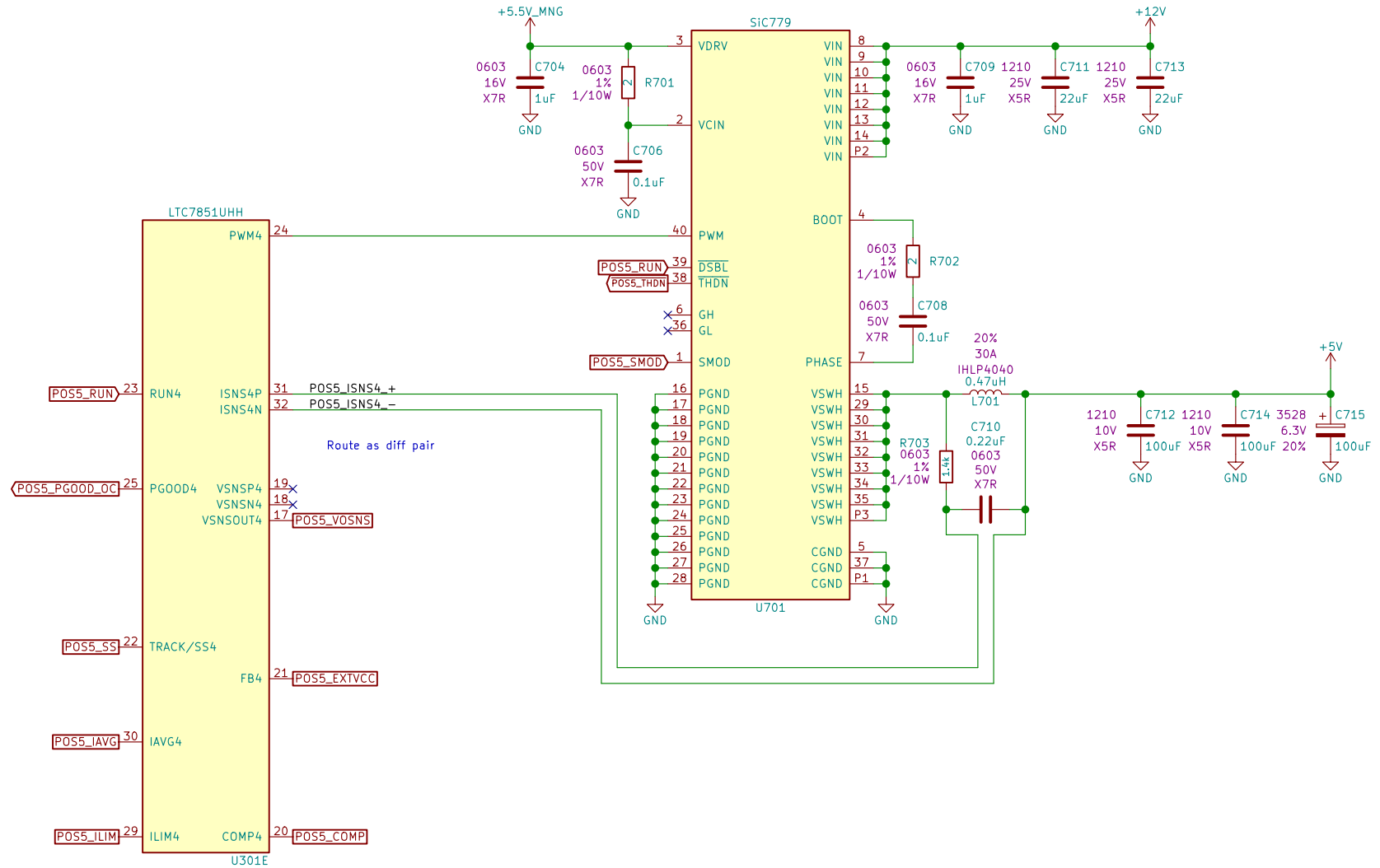
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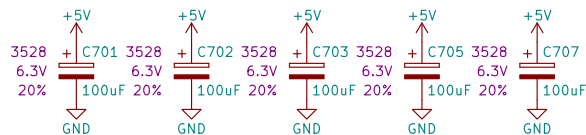
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+5V Phase 4



Remove bulk caps from onsheets when bringing into project



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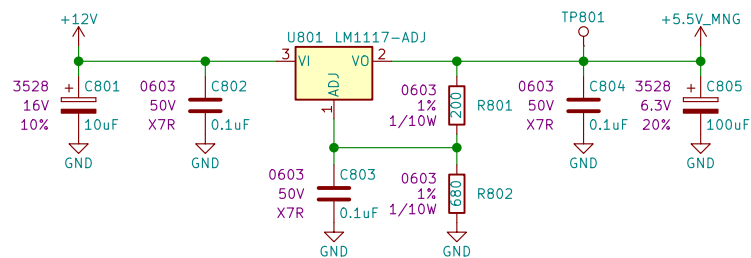
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+5.5V MNG



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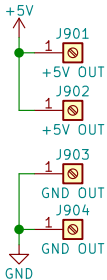
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Power Output

Place bulk output caps close to terminals



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Mounting Holes and Mechanical Components

MH1001
MountingHole



MH1005
MountingHole



MH1002
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

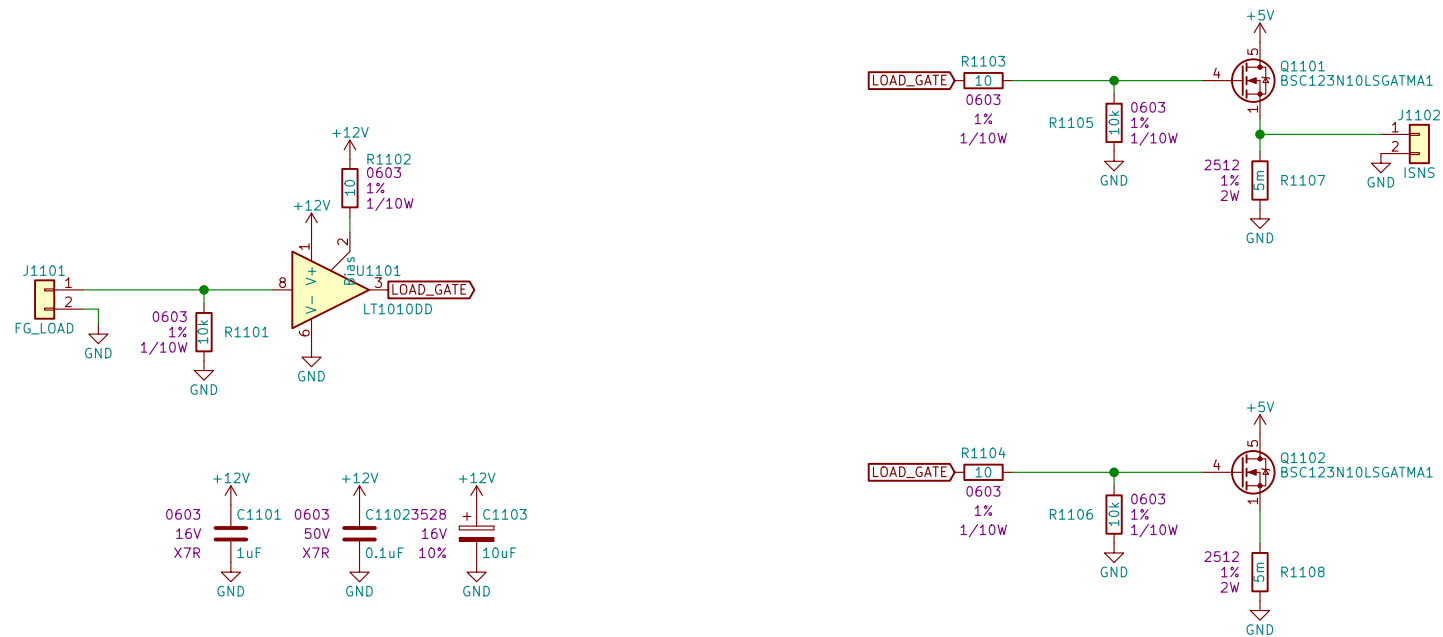


4-40 Standoff
MK1012



Sheet: /Mechanical/ File: Mechanical.sch		
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Size: A	Date: 2018-10-01	Rev: A
KiCad E.D.A. kicad (5.0.0)		Id: 10/14

Active Load Driver and Active Load Bank 1



Sheet: /Active Load 1/
File: Active_Load_1.sch

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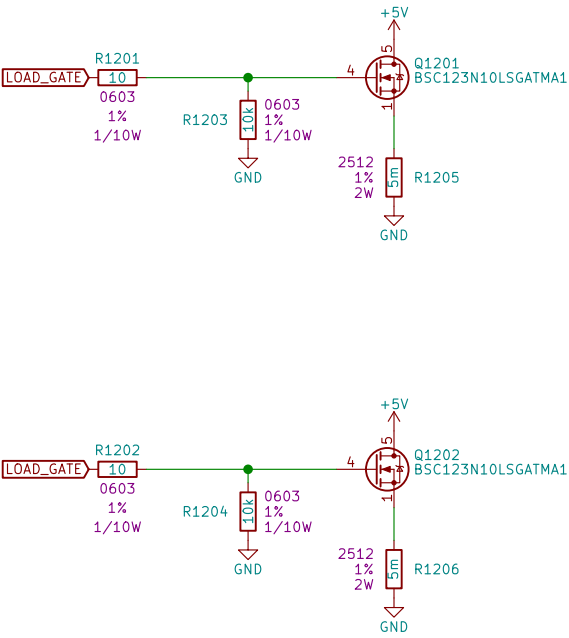
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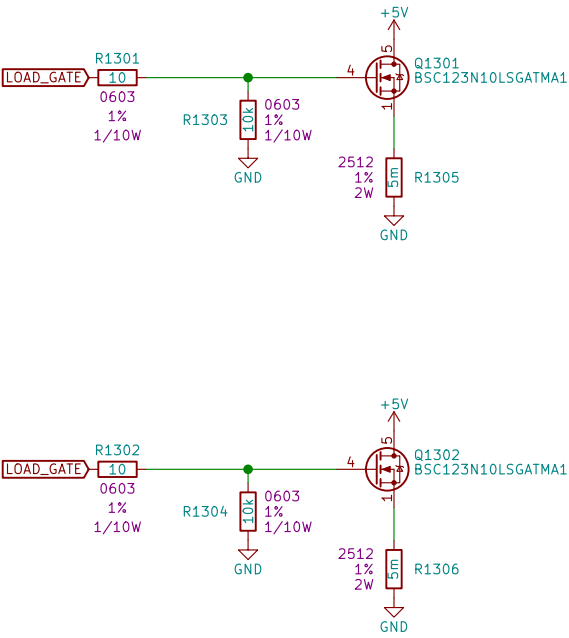
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Active Load Bank 2



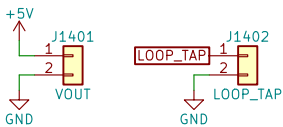
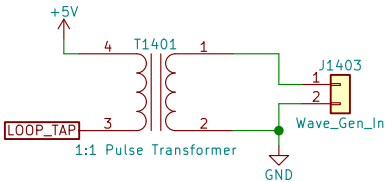
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Active Load Bank 3



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Open Loop Transfer Function Test Components



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