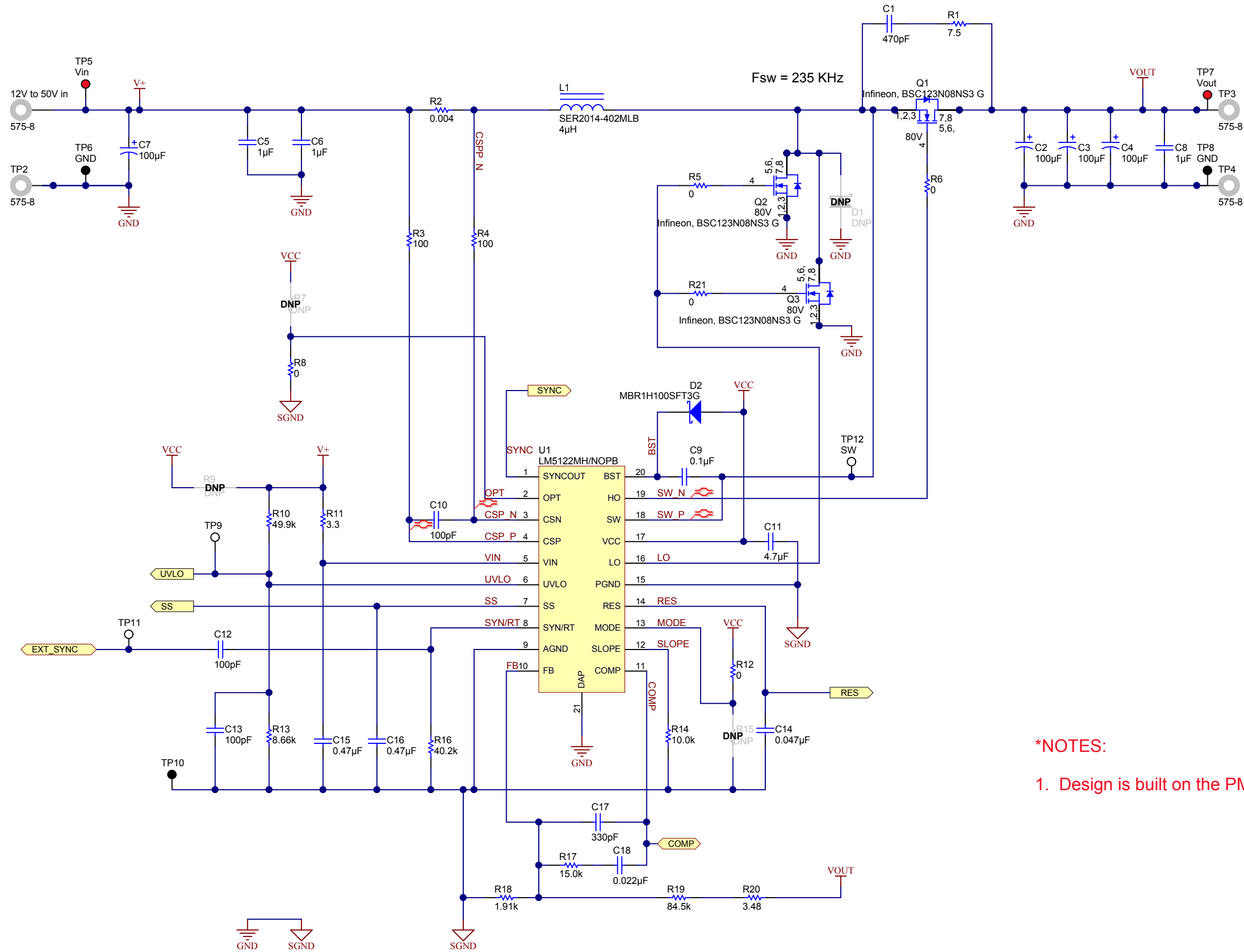


Input Voltage = 12Vin to 50Vin

54Vout @ 2.5A



*NOTES:

1. Design is built on the PMP7896 RevB PCB.

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Orderable: N/A	Designed for: Public Release	Mod. Date: 4/9/2015	TEXAS INSTRUMENTS
TID #: PMP9431	Project Title: LM5122 Single-Phase Synchronous Boost	Sheet Title: Schematic	
Number: PMP9431	Rev: A	Assembly Variant: 001	Sheet: 1 of 2
SVN Rev: Version control disabled	File: PMP9431 Schematics.SchDoc	Size: B	http://www.ti.com
Drawn By:	Engineer: Hrag Kasparian	Contact: http://www.ti.com/support	© Texas Instruments 2015

H1 NY PMS 440 0025 PH H2 NY PMS 440 0025 PH H3 NY PMS 440 0025 PH H4 NY PMS 440 0025 PH

H5 1902C H6 1902C H7 1902C H8 1902C

FID1 FID2 FID3

PCB Assembly
PMP7896 RevB

PCB
LOGO
Texas Instruments



DANGER HIGH VOLTAGE



CAUTION HOT SURFACE

Label Table	
Variant	Label Text
001	

ZZ2
Assembly Note
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3
Assembly Note
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

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TID #: PMP9431	Project Title: LM5122 Single-Phase Synchronous Boost	Sheet: 2 of 2	
Number: PMP9431	Rev: A	Sheet Title: Hardware	http://www.ti.com © Texas Instruments 2015
SVN Rev: Version control disabled	Assembly Variant: 001	Size: B	
Drawn By: Hrag Kasparian	File: PMP9431_TID_Hardware.SchDoc	Contact: http://www.ti.com/support	

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