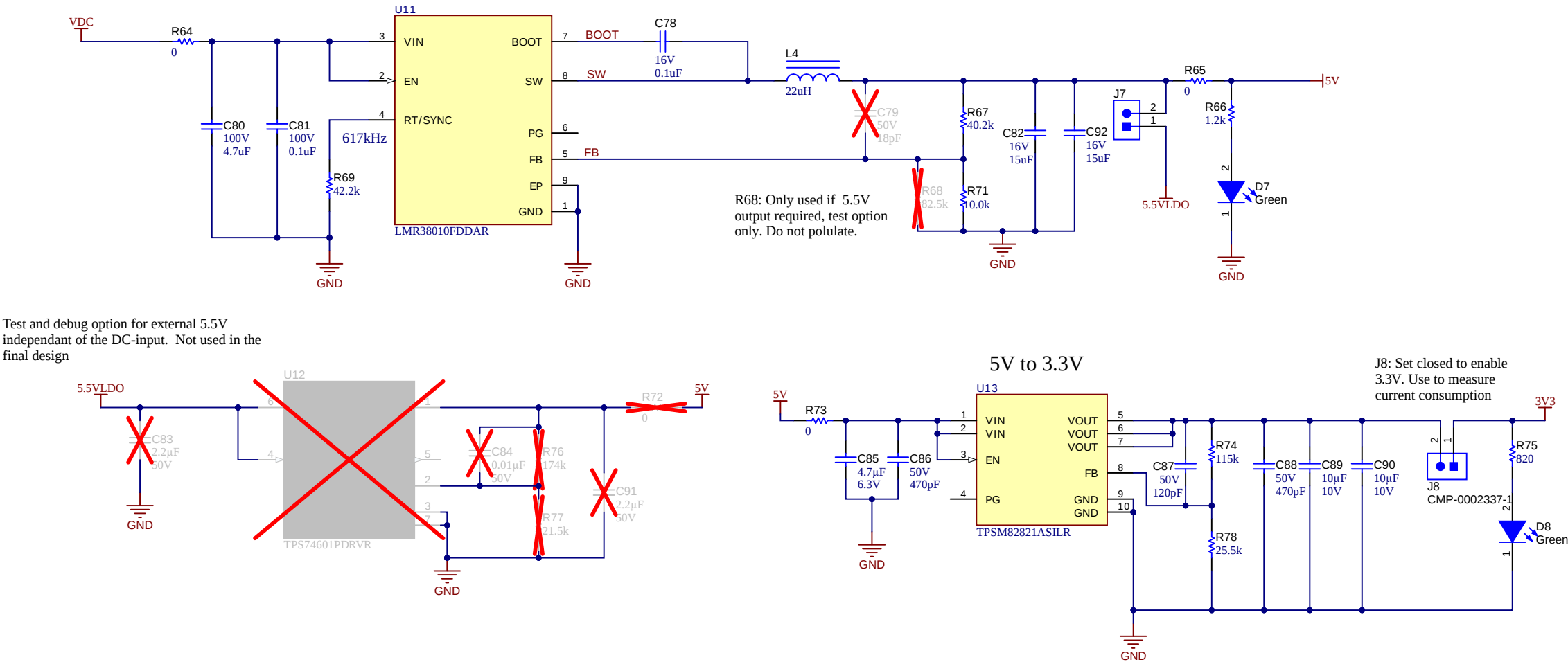
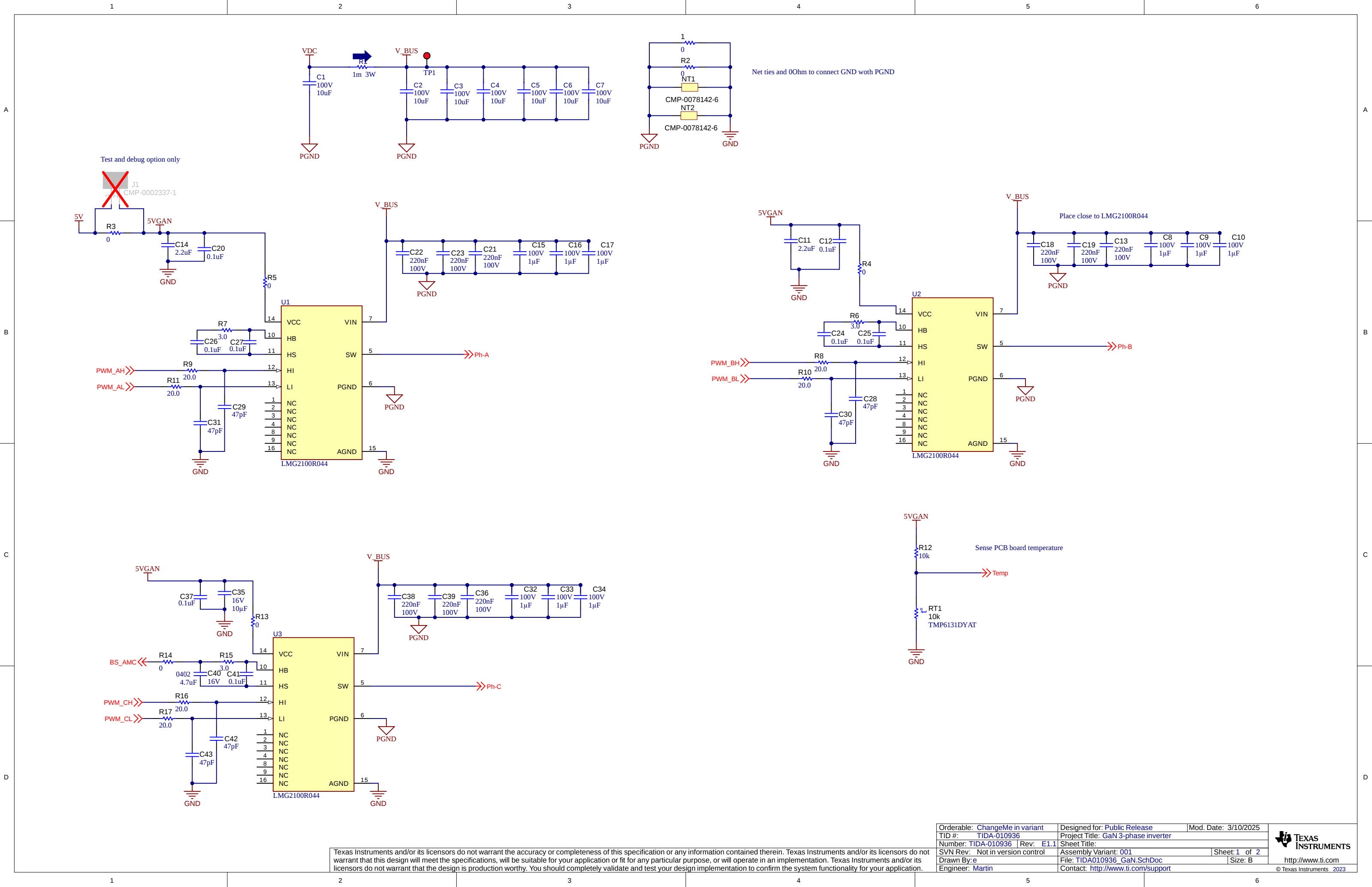


DC input: 12V to 60VDC, 48V (TYP)



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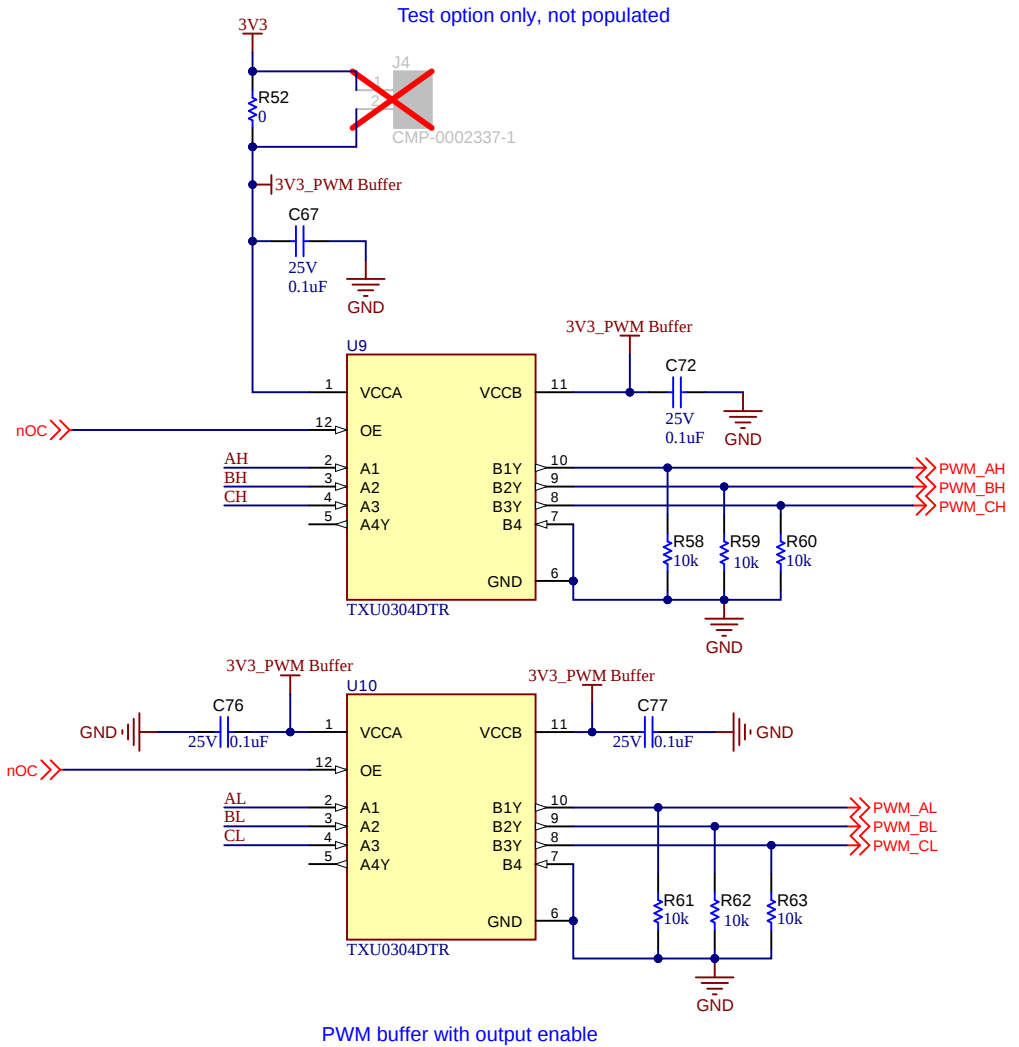
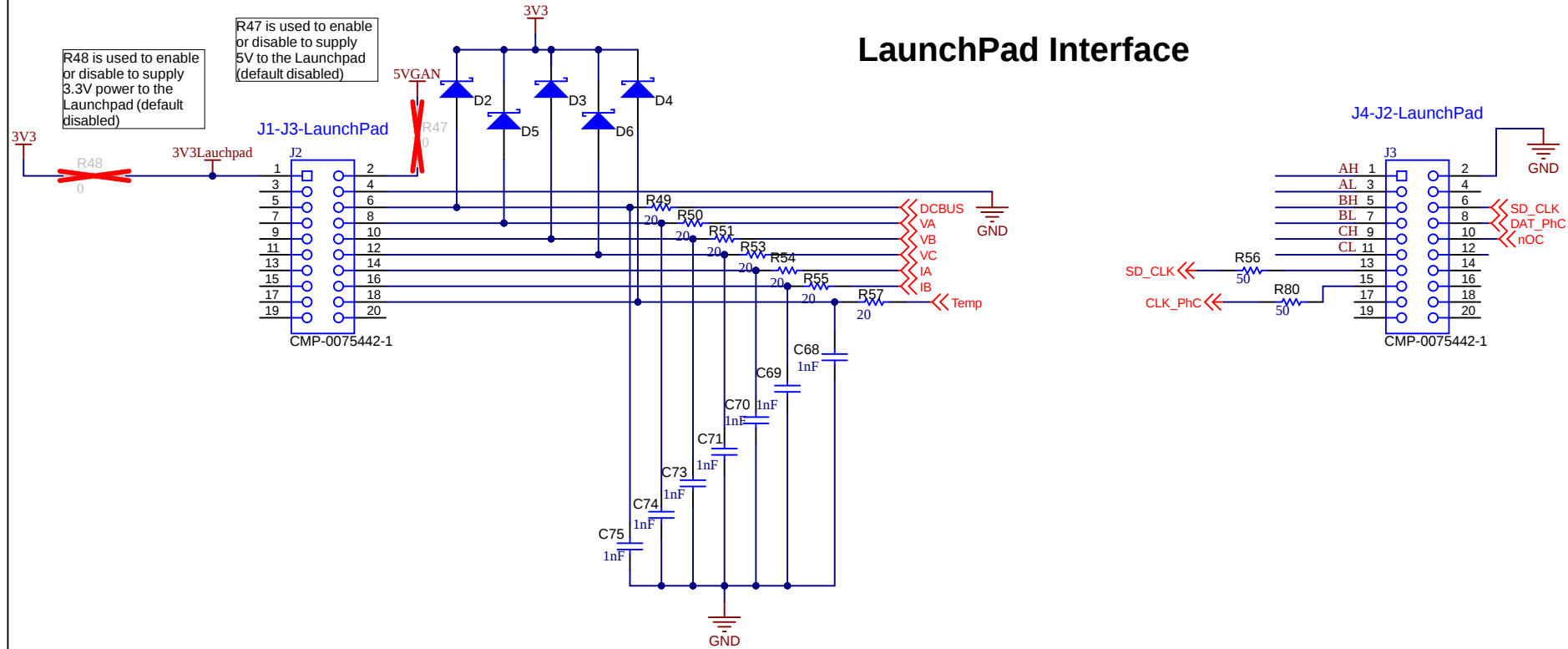
Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 3/10/2025
TID #: TIDA-010936	Project Title: GaN 3-phase inverter	
Number: TIDA-010936	Rev: E1.1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 1 of 1
Drawn By:	File: TIDA010936_Power.SchDoc	Size: B
Engineer: Martin	Contact: http://www.ti.com/support	



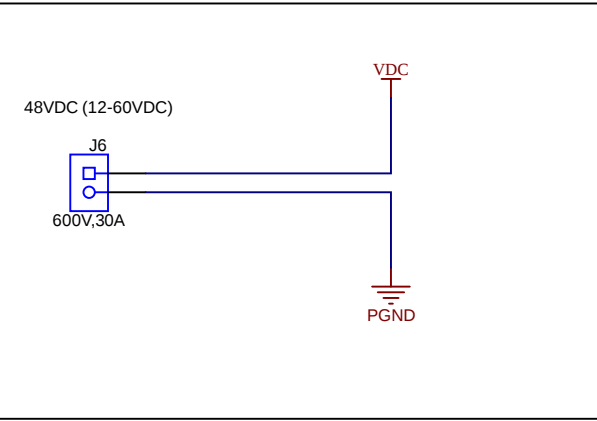
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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 3/10/2025
TID #: TIDA-010936	Project Title: GaN 3-phase inverter	
Number: TIDA-010936	Rev: E1.1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 1 of 2
Drawn By: e	File: TIDA010936_GaN.SchDoc	Size: B
Engineer: Martin	Contact: http://www.ti.com/support	

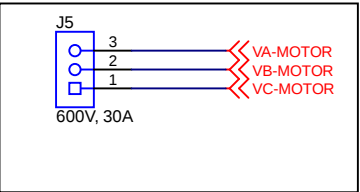
LaunchPad Interface



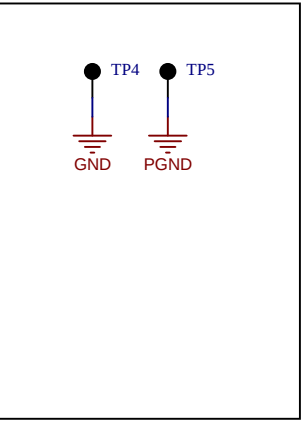
VIN Connector



Motor Connector



Test Points



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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 3/10/2025
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Number: TIDA-010936	Rev: E1.1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 2 of 3
Drawn By:	File: TIDA010936_Interface.SchDoc	Size: B
Engineer: Martin	Contact: http://www.ti.com/support	

PCB Number: TIDA-010936
PCB Rev: E1.1



PCB
LOGO
FCC disclaimer

PCB
LOGO
WEEE logo



CAUTION HOT SURFACE



CAUTION HOT SURFACE



CAUTION HOT SURFACE

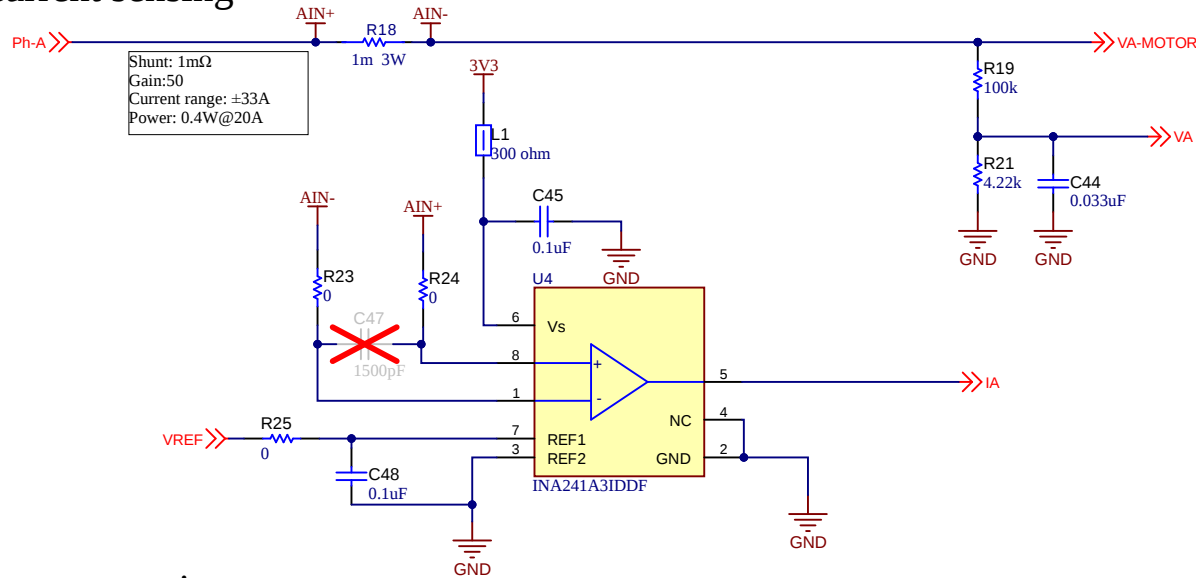
LBL1

PCB Label

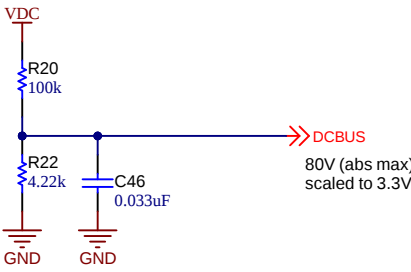
THT-14-423-10
Size: 0.65" x 0.20 "

Variant/Label Table	
Variant	Label Text
E1.0	initial version
E1.1	

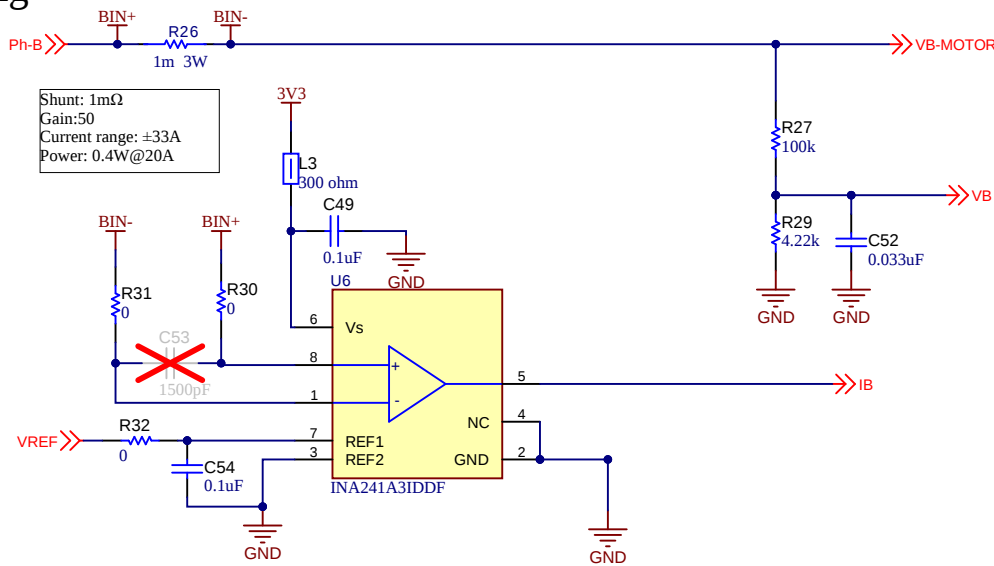
Phase A current sensing



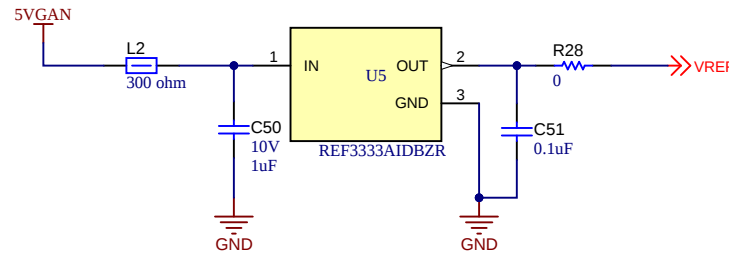
DC bus voltage sensing



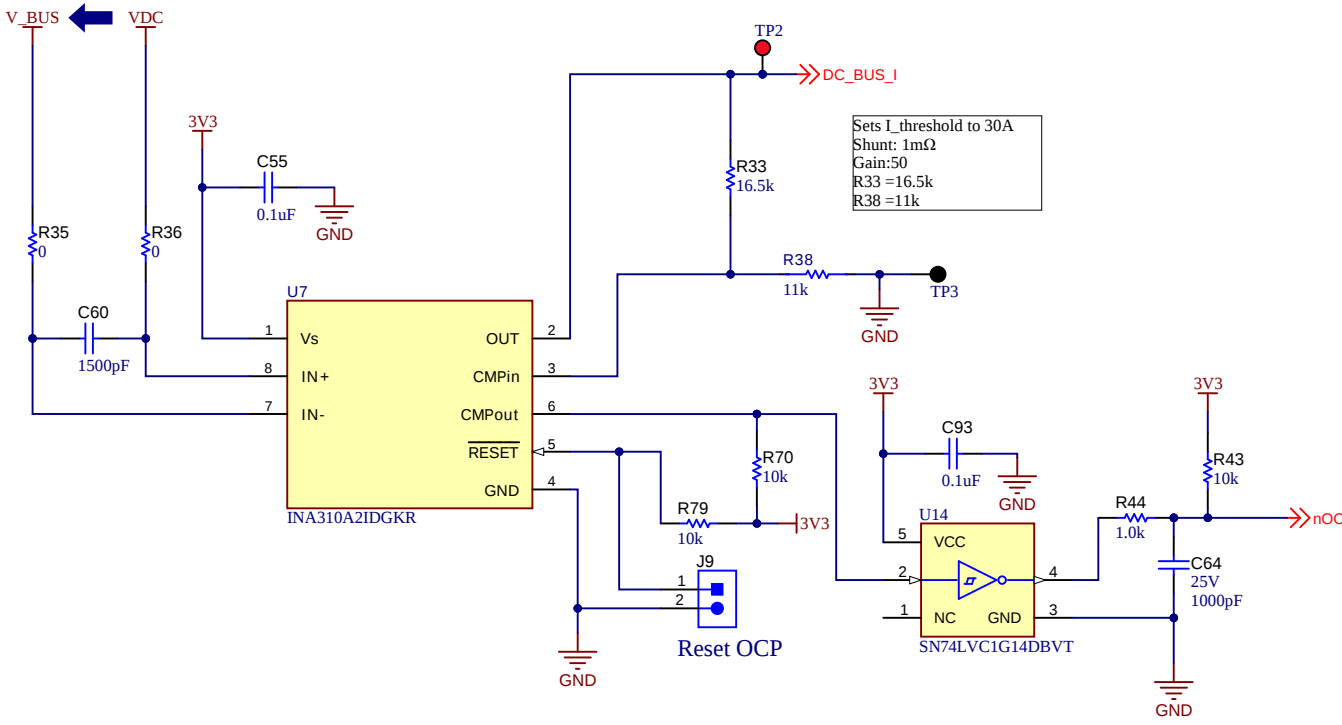
Phase B current sensing



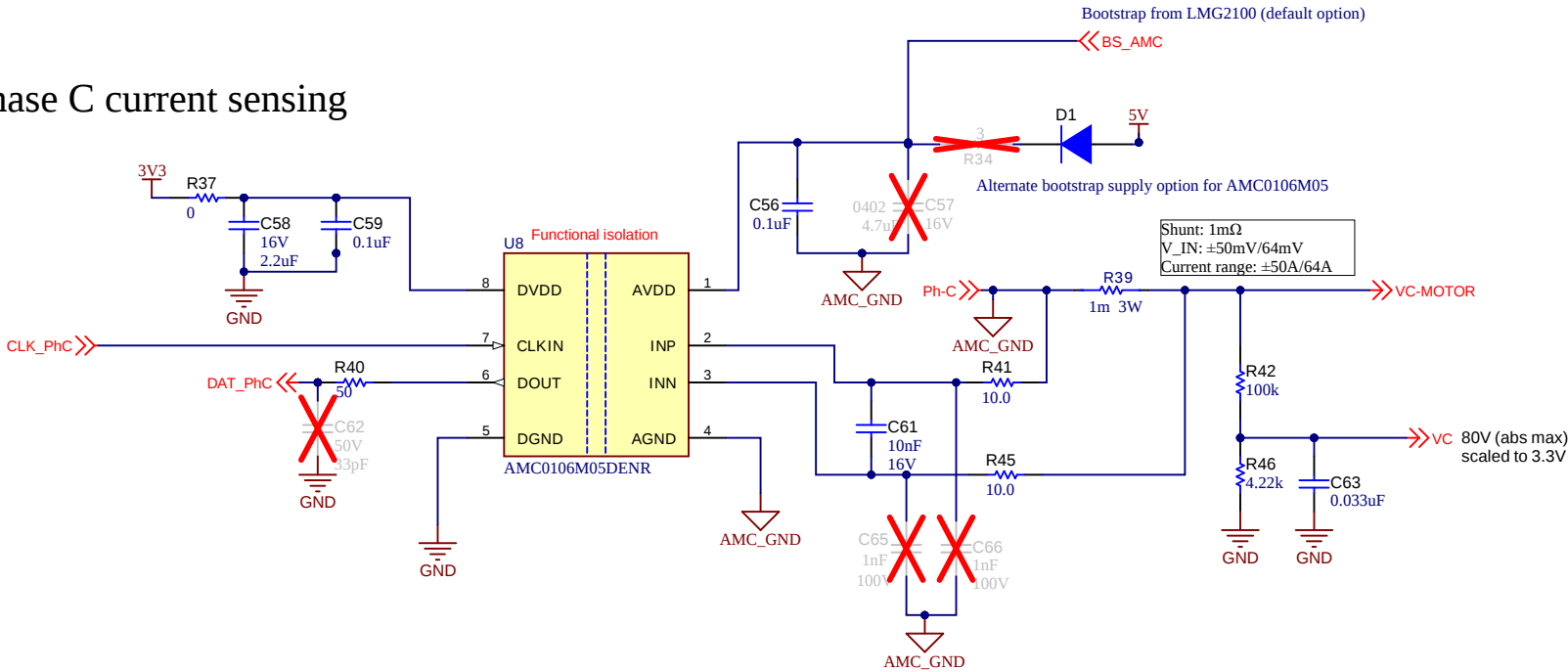
Reference voltage



Overcurrent protection



Phase C current sensing



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