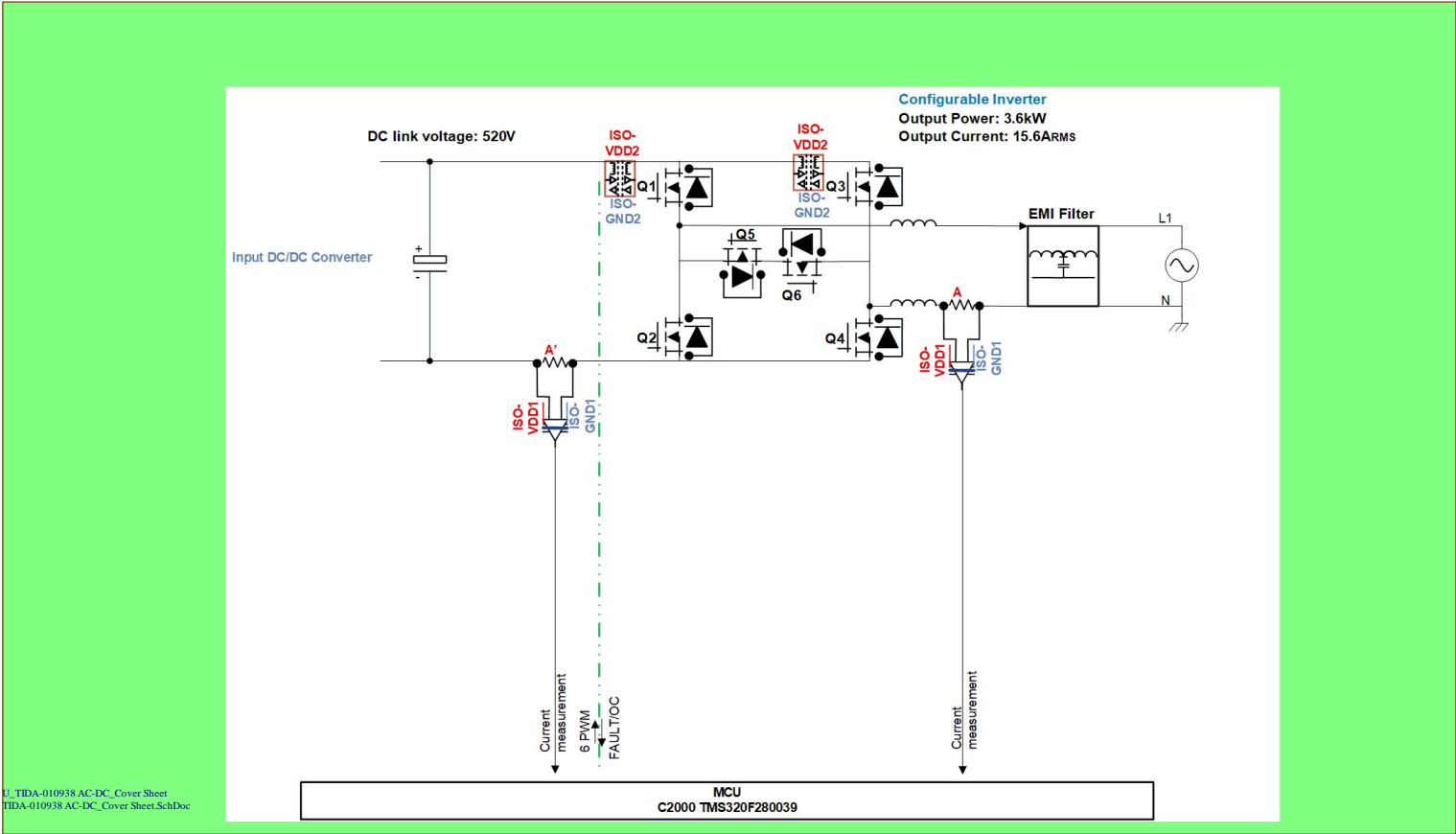


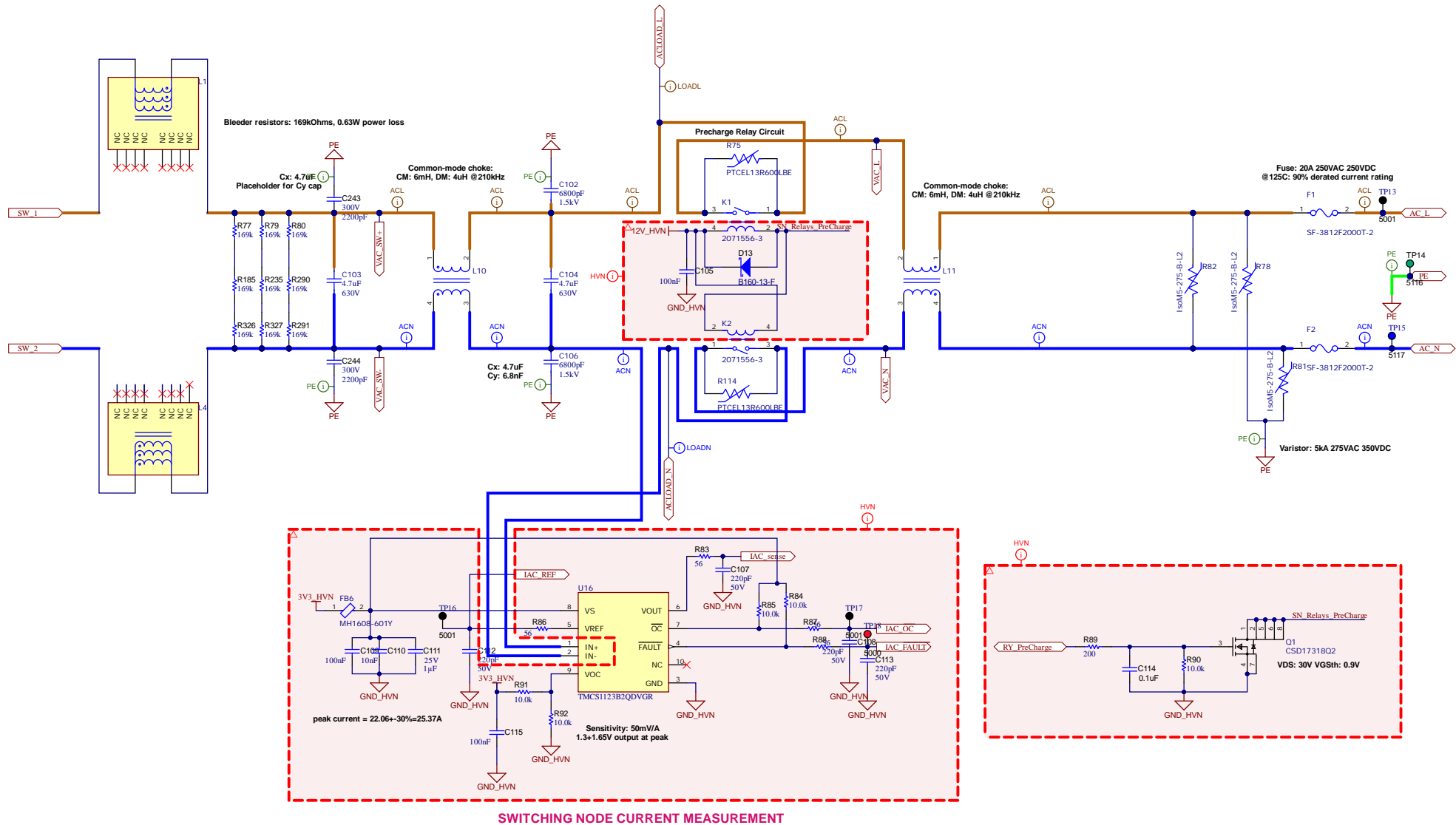
Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
N/A	N/A	N/A	N/A	N/A



U_TIDA-010938 AC-DC_Cover Sheet
TIDA-010938 AC-DC_Cover Sheet.SchDoc

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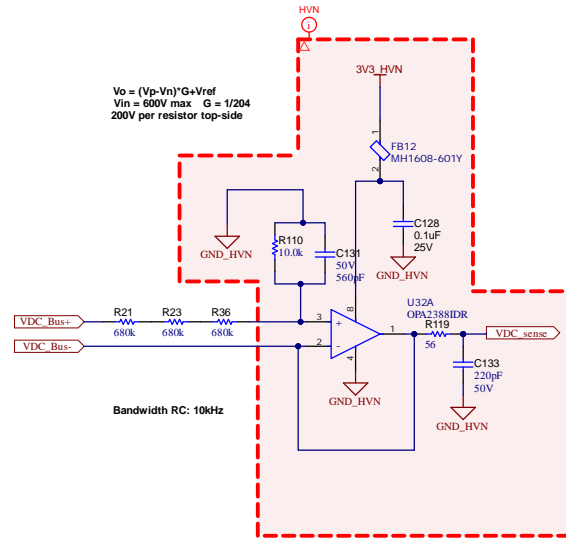
Orderable:	Designed for: Public Release	Mod. Date: 7/28/2023
TID #: A0498176	Project Title: TIDA-010938 AC-DC	
Number: TIDA-010938 ALR00 E1	Sheet Title:	
SVN Rev: 3420	Assembly Variant: [No Variations]	Sheet: 1 of 11
Drawn By:	File: TIDA-010938 AC-DC.SchDoc	Size: B
Engineer: Vedatroyee Ghosh	Contact: http://www.ti.com/support	



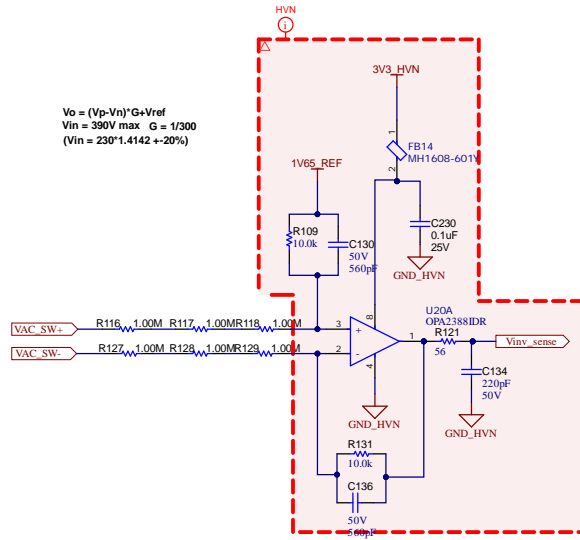
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Orderable:	Designed for: Public Release	Mod. Date: 7/28/2023
TID #: A0498176	Project Title: TIDA-010938 AC-DC	
Number: TIDA-010938 A[R]B[C] E1	Sheet Title:	
SVN Rev.: 3420	Assembly Variant: [No Variations]	Sheet: 6 of 11
Drawn By:	File: TIDA-010938 AC-DC EMI Protection Stage_Sch	Size: B
Engineer: Vedatroyee Ghosh	Contact: http://www.ti.com/support	

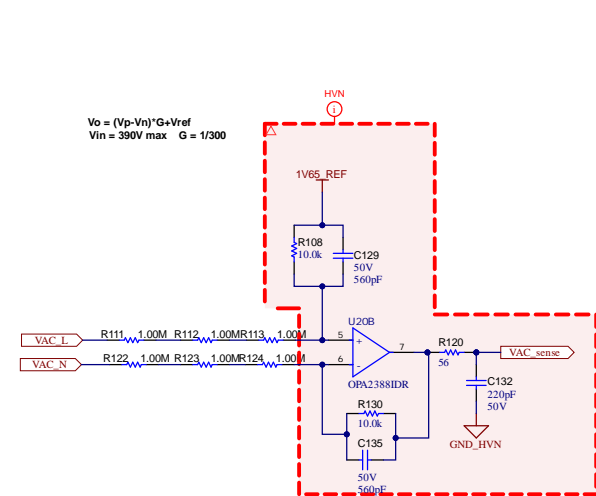
BUS VOLTAGE SENSING



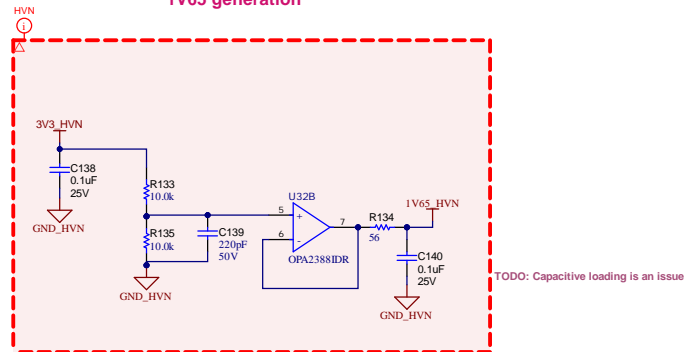
EMI INPUT VOLTAGE SENSING



INVERTER OUTPUT VOLTAGE SENSING

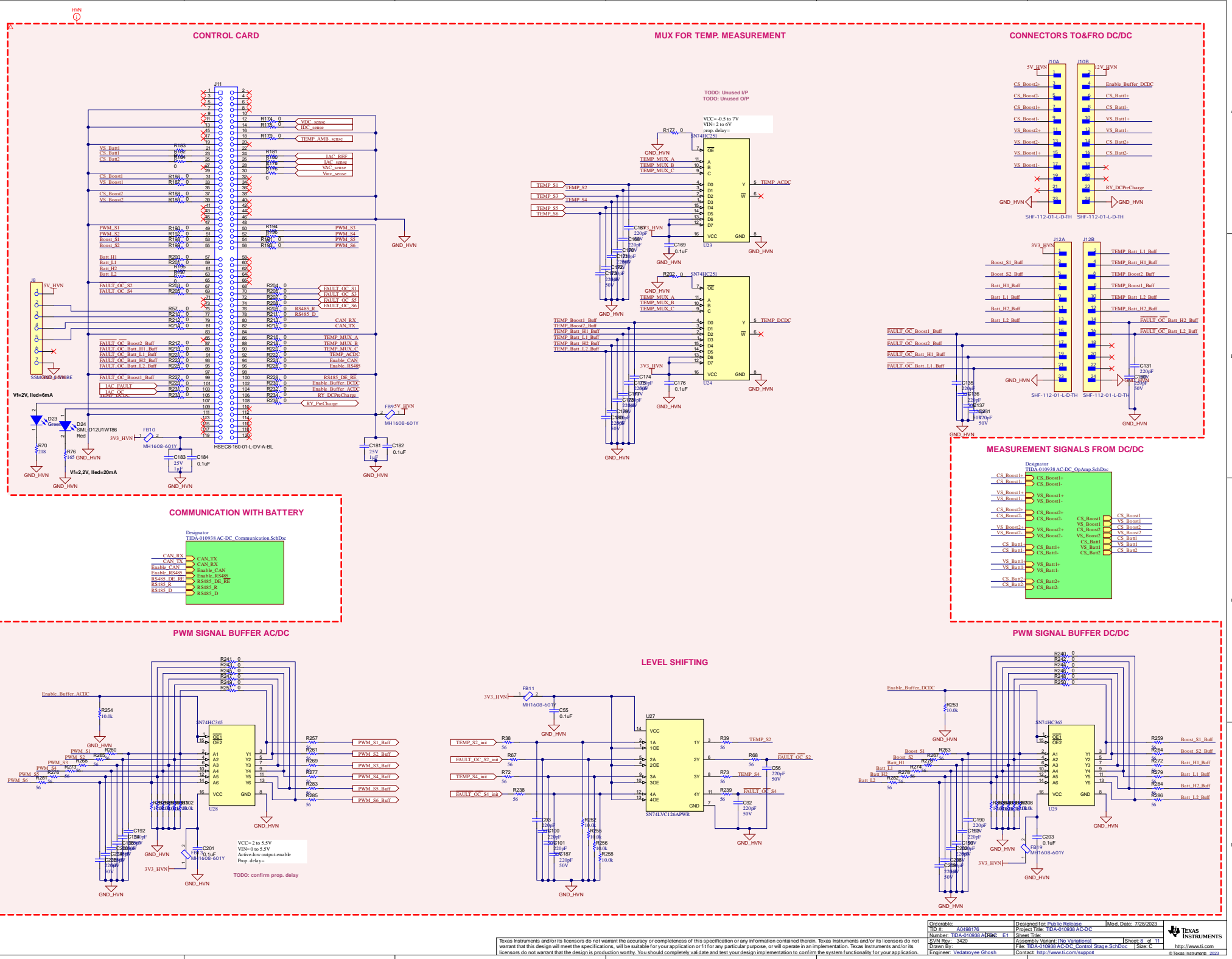


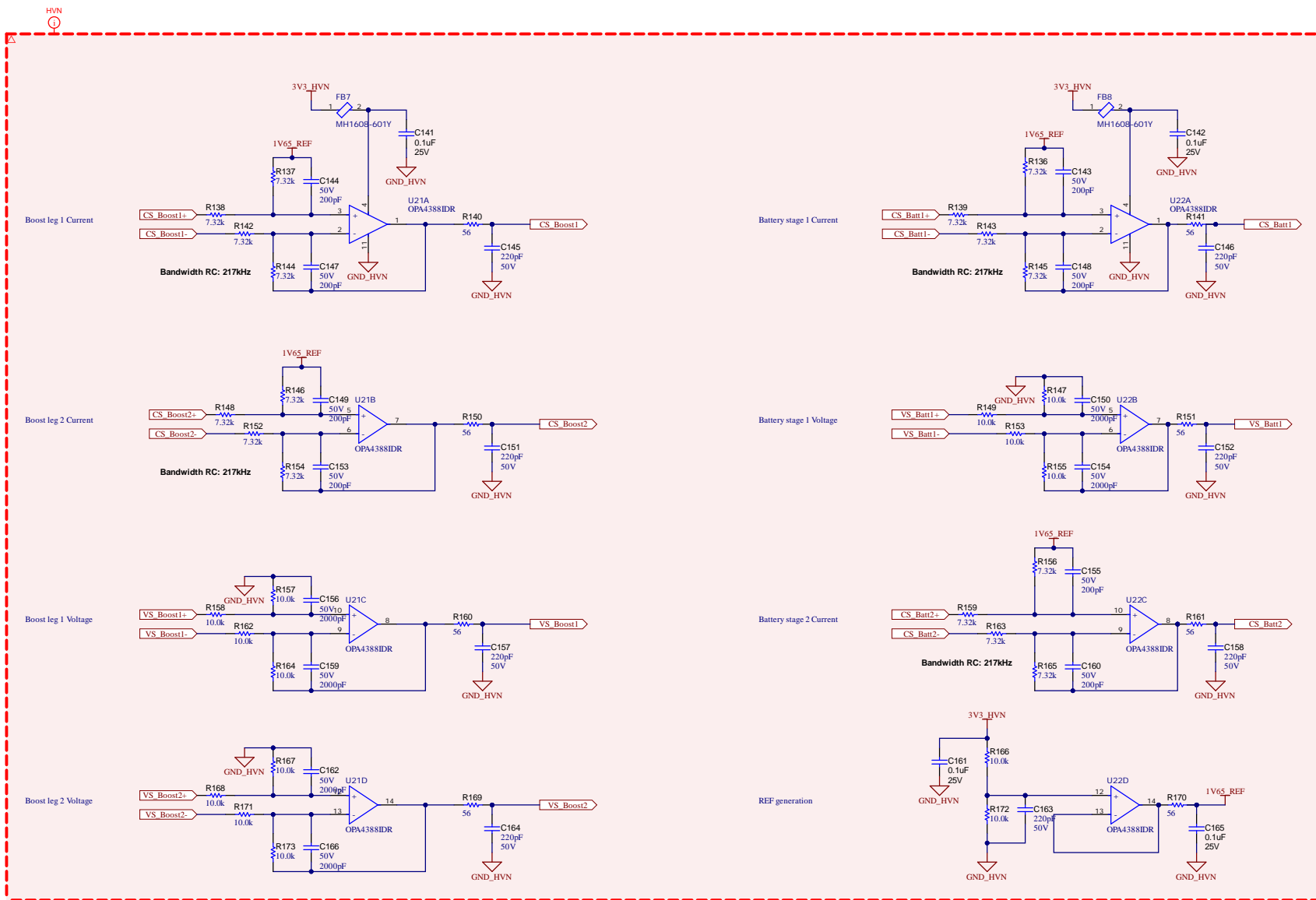
1V65 generation



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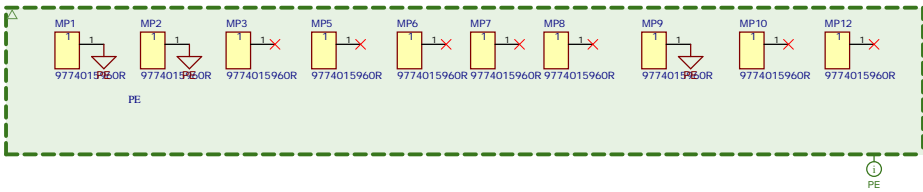
Orderable:	Designed for: Public Release	Mod. Date: 7/28/2023
TID #: A0498176	Project Title: TIDA-010938 AC-DC	
Number: TIDA-010938 A1R00 E1	Sheet Title:	
SVN Rev: 3420	Assembly Variant: [No Variations]	Sheet: 7 of 11
Drawn By:	File: TIDA-010938 AC-DC Voltage Measurement Scl	Size: B
Engineer: Vedatroyee Ghosh	Contact: http://www.ti.com/support	





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Orderable:	Designed for: Public Release	Mod. Date: 7/28/2023
TID #:	Project Title: TIDA-010938 AC-DC	
Number: TIDA-010938 A[RBC] E1	Sheet Title:	
SVN Rev: 3420	Assembly Variant: [No Variations]	Sheet: 9 of 11
Drawn By:	File: TIDA-010938 AC-DC OpAmp SchDoc	Size: B
Engineer: Vedatroyee Ghosh	Contact: http://www.ti.com/support	



PCB Number: TIDA-010938 AC-DC
PCB Rev: E1

PCB
LOGO
Texas Instruments



PCB
LOGO
FCC disclaimer

PCB
LOGO
WEEE logo



CAUTION HOT SURFACE



DANGER HIGH VOLTAGE

Variant/Label Table

Variant	Label Text
001	ChangeMe!
002	ChangeMe!

LBL1

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

ZZ1

Label Assembly Note
This Assembly Note is for PCB labels only

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.

You should delete the nylon screws/standoffs and/or the bumpers as needed for your design (or substitute other parts from Hardware.IntLib). Bumpers are cheaper, but provide less clearance.

Deleting anything else from this page may result in your EVM submission being rejected (until you add them back).

Update the Label Text in the Label Table as needed for each Assembly Variant.

You should delete this note too.

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Orderable:	Designed for: Public Release	Mod. Date: 7/28/2023
TID #:	A0498176	Project Title: TIDA-010938 AC-DC
Number:	TIDA-010938 AC-DC E1	Sheet: 11 of 11
SVN Rev:	3420	Assembly Variant: [No Variations]
Drawn By:	File: TIDA-010938 AC-DC Hardware.SchDoc	Size: B
Engineer:	Vedatroyee Ghosh	Contact: http://www.ti.com/support