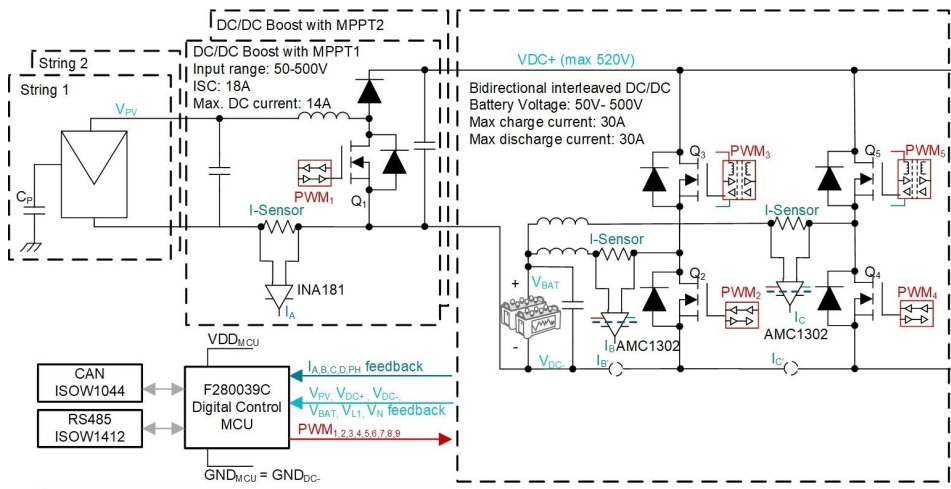


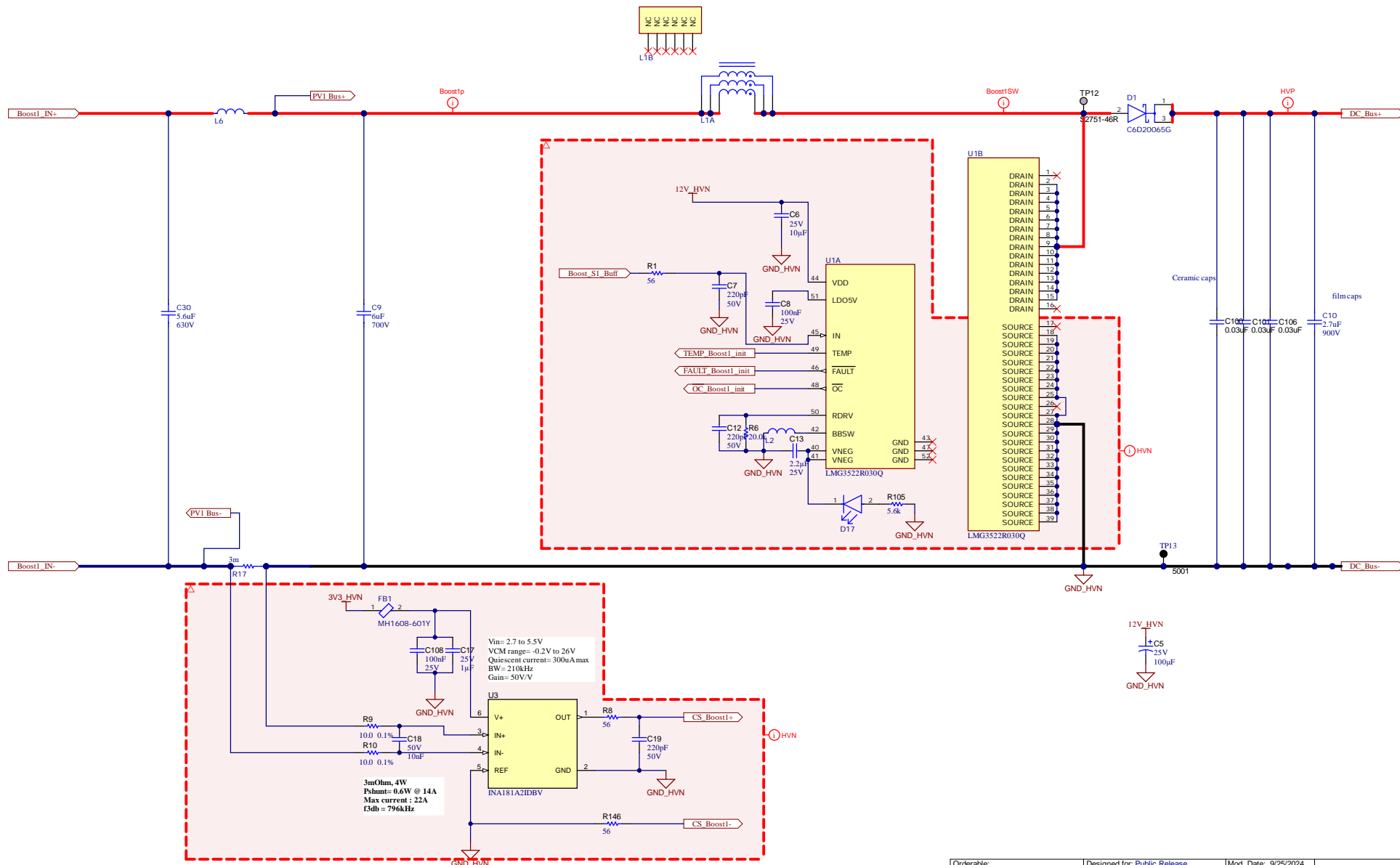
Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
N/A	N/A	N/A	N/A	N/A



*MCU sits on TIDA-010938 AC-DC board

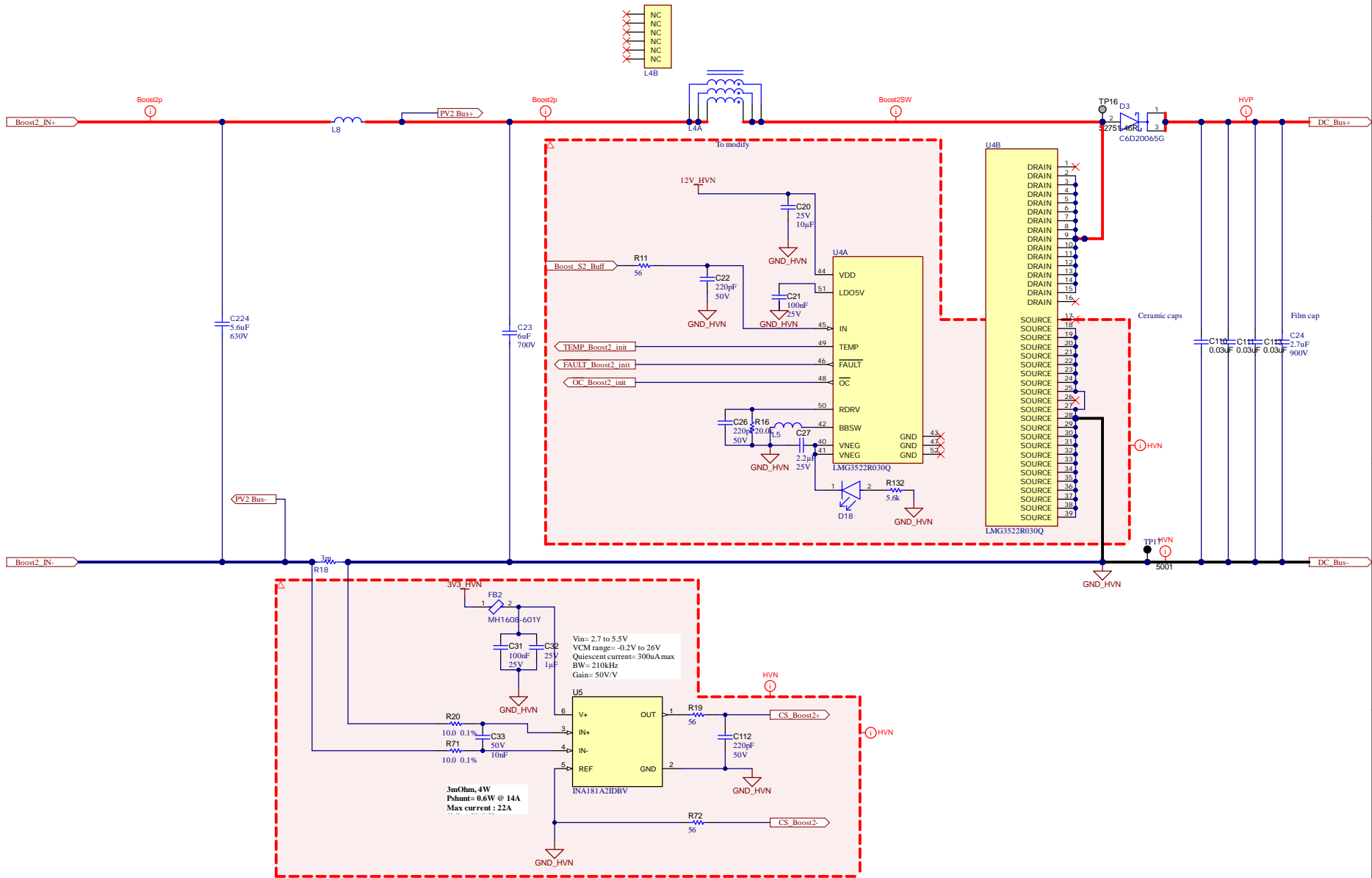
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Orderable:	Designed for: Public Release	Mod. Date: 8/28/2024
TID #: A0497972	Project Title: TIDA-010938 DC-DC	
Number: TIDA-010938 DC-DC E2	Sheet Title:	
SVN Rev: 4904	Assembly Variant: [No Variations]	Sheet: 1 of 9
Drawn By:	File: TIDA-010938 DCDC.SchDoc	Size: B
Engineer: Laure Chevallier	Contact: http://www.ti.com/support	



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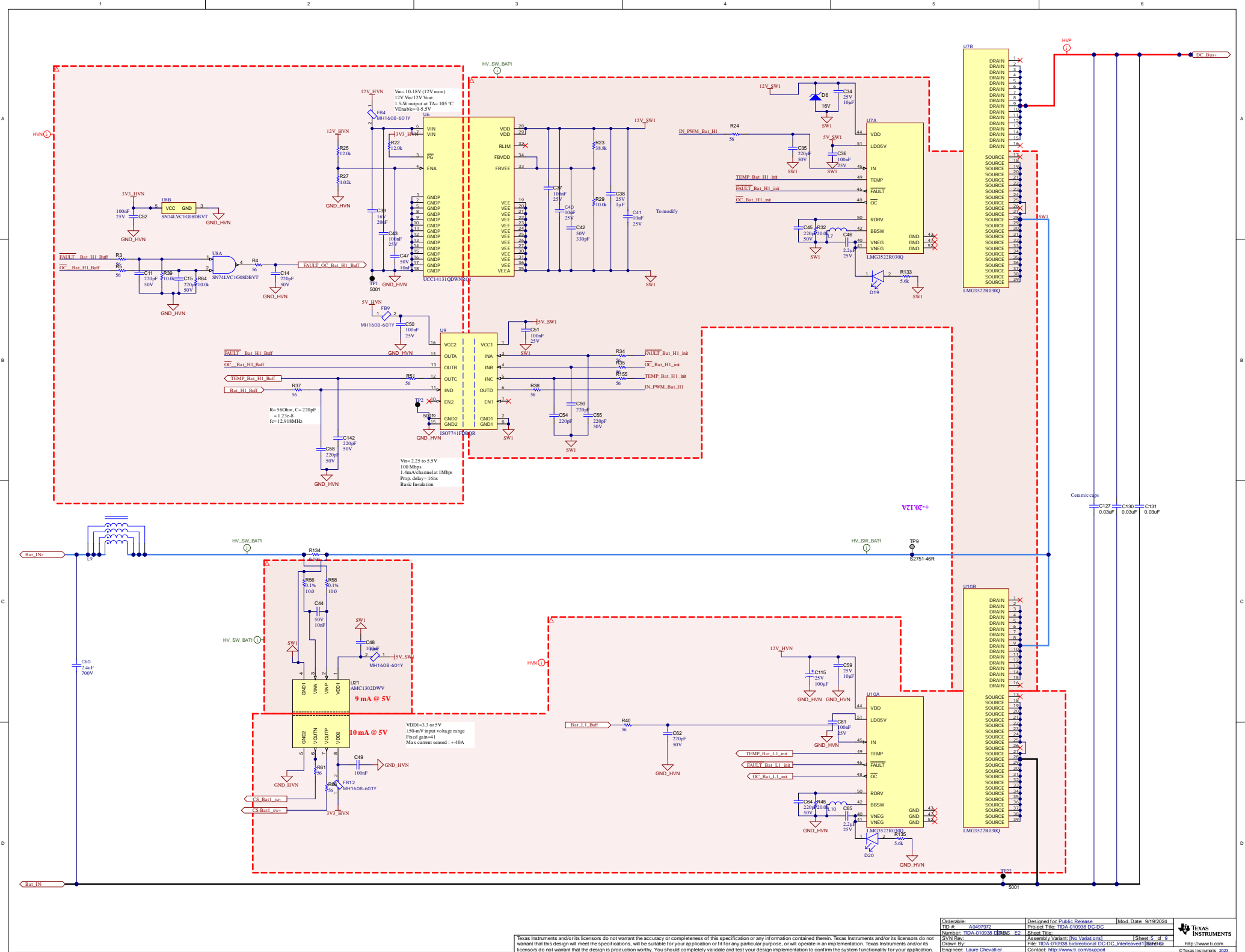
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Number: TIDA-010938 DRBC E2	Sheet Title:	
SVN Rev.: 5054 [Locally Modified]	Assembly Variant: [No Variations]	Sheet: 3 of 9
Drawn By:	File: TIDA-010938 DC-DC Boost1.SchDoc	Size: B
Engineer: Laure Chevallier	Contact: http://www.ti.com/support	http://www.ti.com



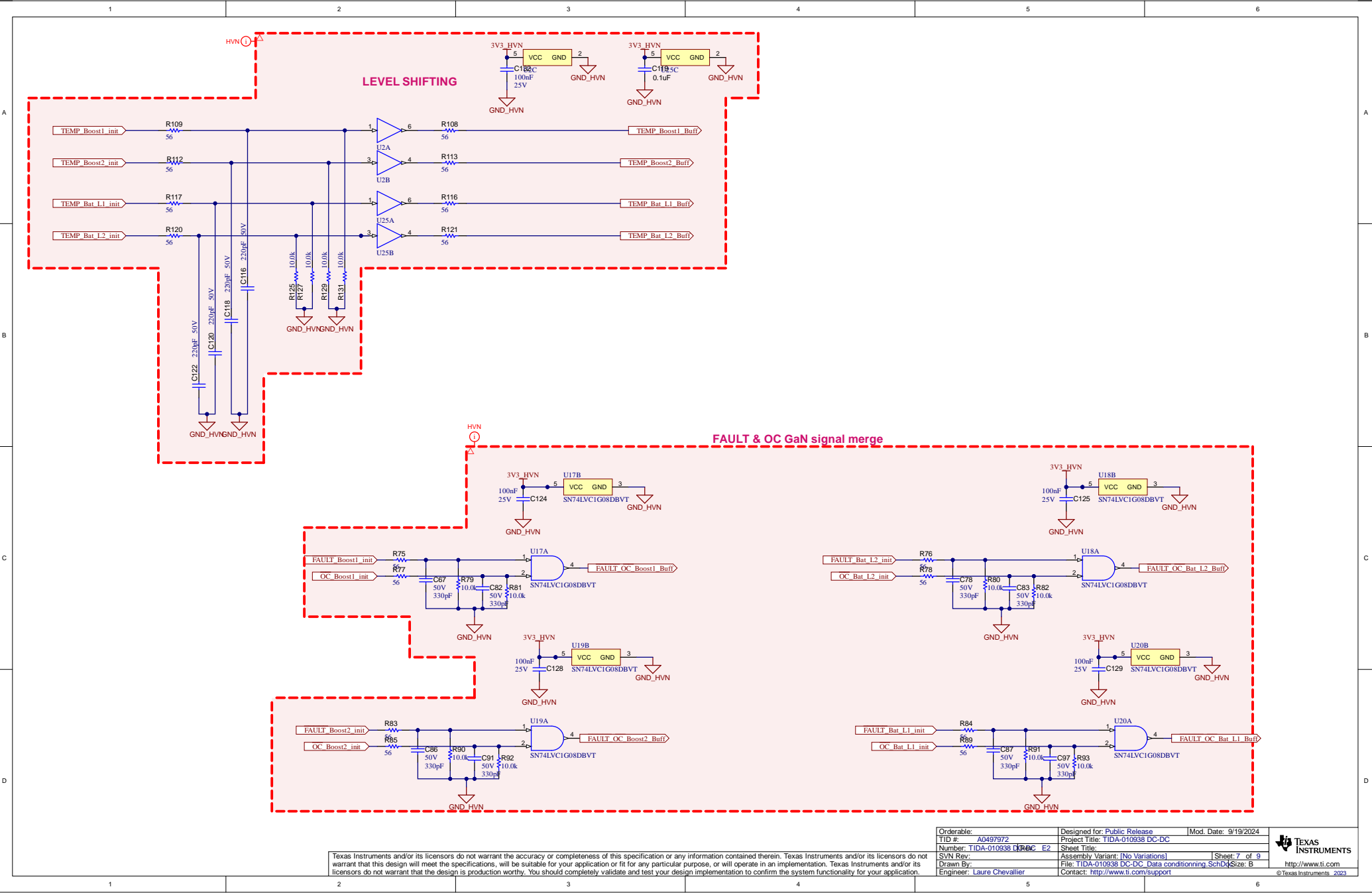
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Orderable:	Designed for: Public Release	Mod. Date: 9/25/2024
TID #: A0497972	Project Title: TIDA-010938 DC-DC	
Number: TIDA-010938 DR00C E2	Sheet Title:	
SVN Rev:	Assembly Variant: [No Variations]	Sheet: 4 of 9
Drawn By:	File: TIDA-010938 DC-DC Boost2_SchDoc	Size: B
Engineer: Laure Chevallier	Contact: http://www.ti.com/support	

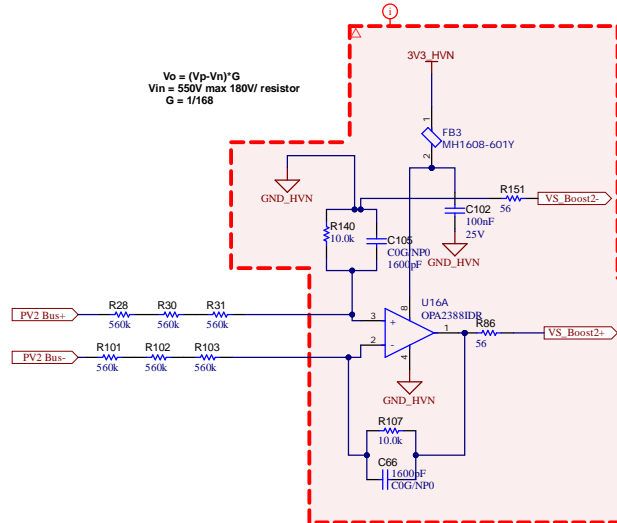




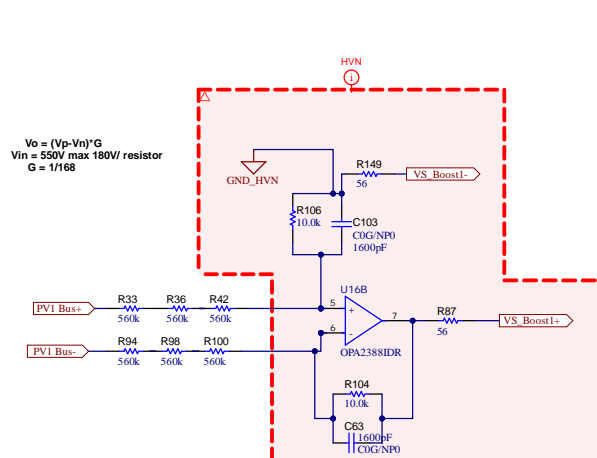




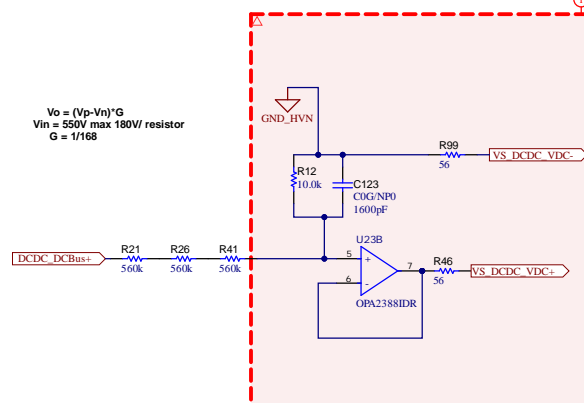
PV1 Voltage sensing



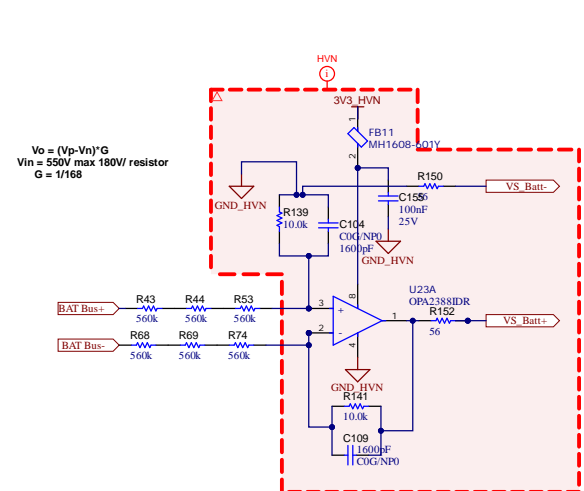
PV2 Voltage sensing



DC Bus Voltage measurement



Bat voltage sensing



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Orderable:	Designed for: Public Release	Mod. Date: 9/25/2024
TID #:	Project Title: TIDA-010938 DC-DC	
Number: TIDA-010938 DR6C E2	Sheet Title:	
SVN Rev:	Assembly Variant: [No Variations]	Sheet: 8 of 9
Drawn By:	File: TIDA-010938 DC-DC VoltageMeasurement.Sch	Size: B
Engineer: Laure Chevallier	Contact: http://www.ti.com/support	



FID1



PCB Number: TIDA-010938 DC-DC
PCB Rev: E2



PCB
LOGO
FCC disclaimer

PCB
LOGO
WEEE logo



CAUTION



DANGER HIGH VOLTAGE

Variant/Label Table

[illegible]

LBL1

PCB Label

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

ZZ1

Label Assembly Note

Label Assembly Note
This Assembly Note is for PCB labels only

ZZ2

Assembly Note

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

ZZ3

Assembly Note

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 #: A0497972	Project Title: TIDA-010938 DC-DC		
Number: TIDA-010938 DRC E2	Sheet Title:		
SVN Rev:	Assembly Variant: [No Variations]	Sheet: 9 of 9	
Drawn By:	File: TIDA-010938 CDCD_Hardware_SchDoc	Size: B	
Engineer: Laure Chevallier	Contact: http://www.ti.com/support		



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Board Stack Report