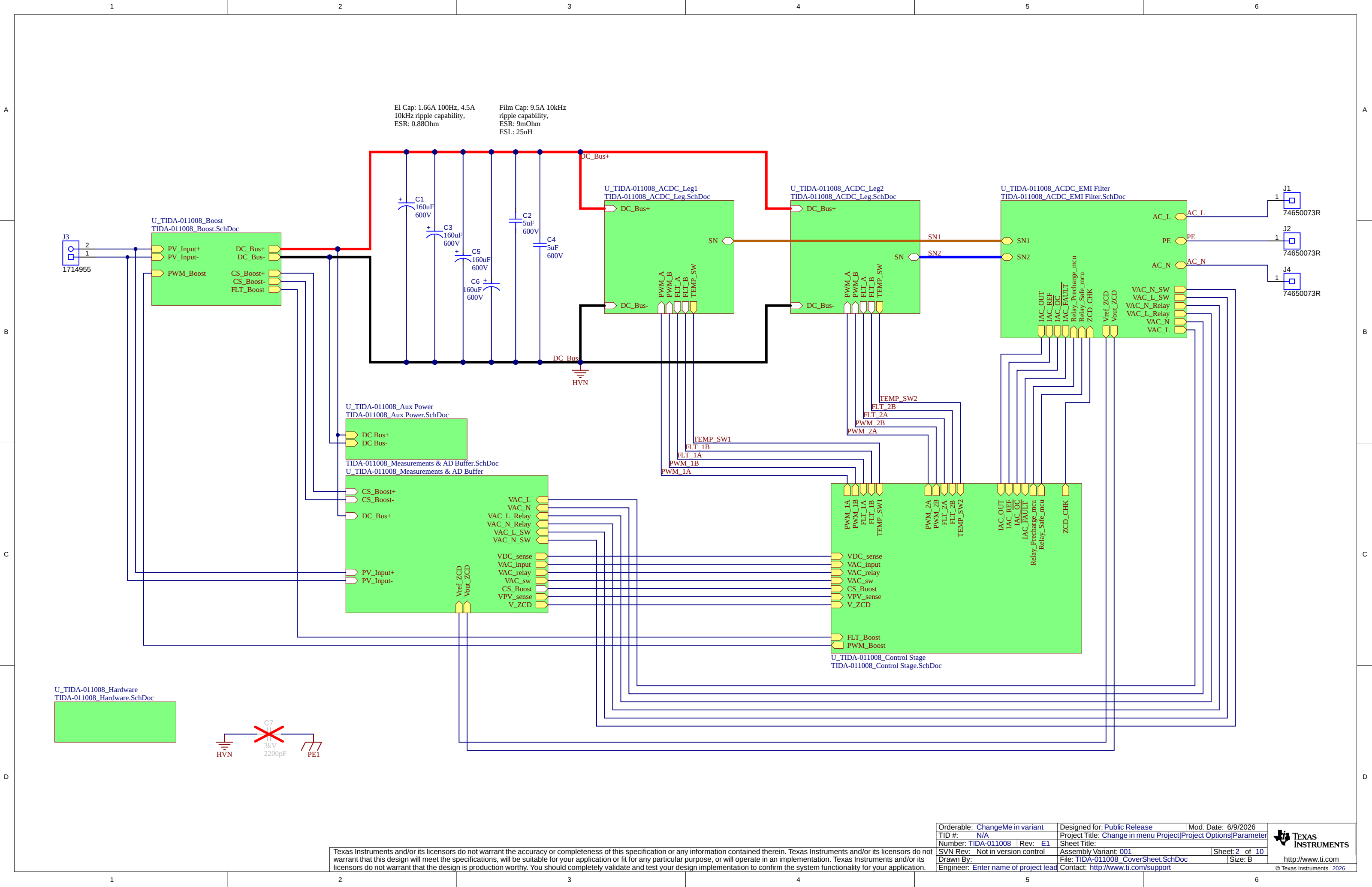




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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/9/2026
TID #: N/A	Project Title: Change in menu Project	Project Options Parameter
Number: TIDA-011008	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 2 of 10
Drawn By:	File: TIDA-011008_CoverSheet_SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	



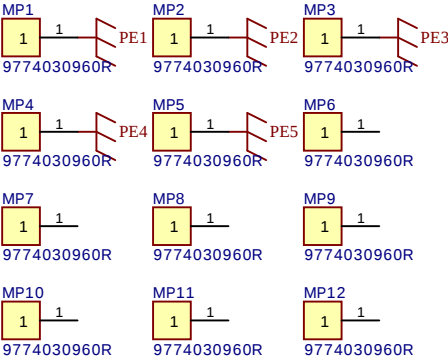
PCB Number: TIDA-011008
PCB Rev: E1

PCB
LOGO
Texas Instruments



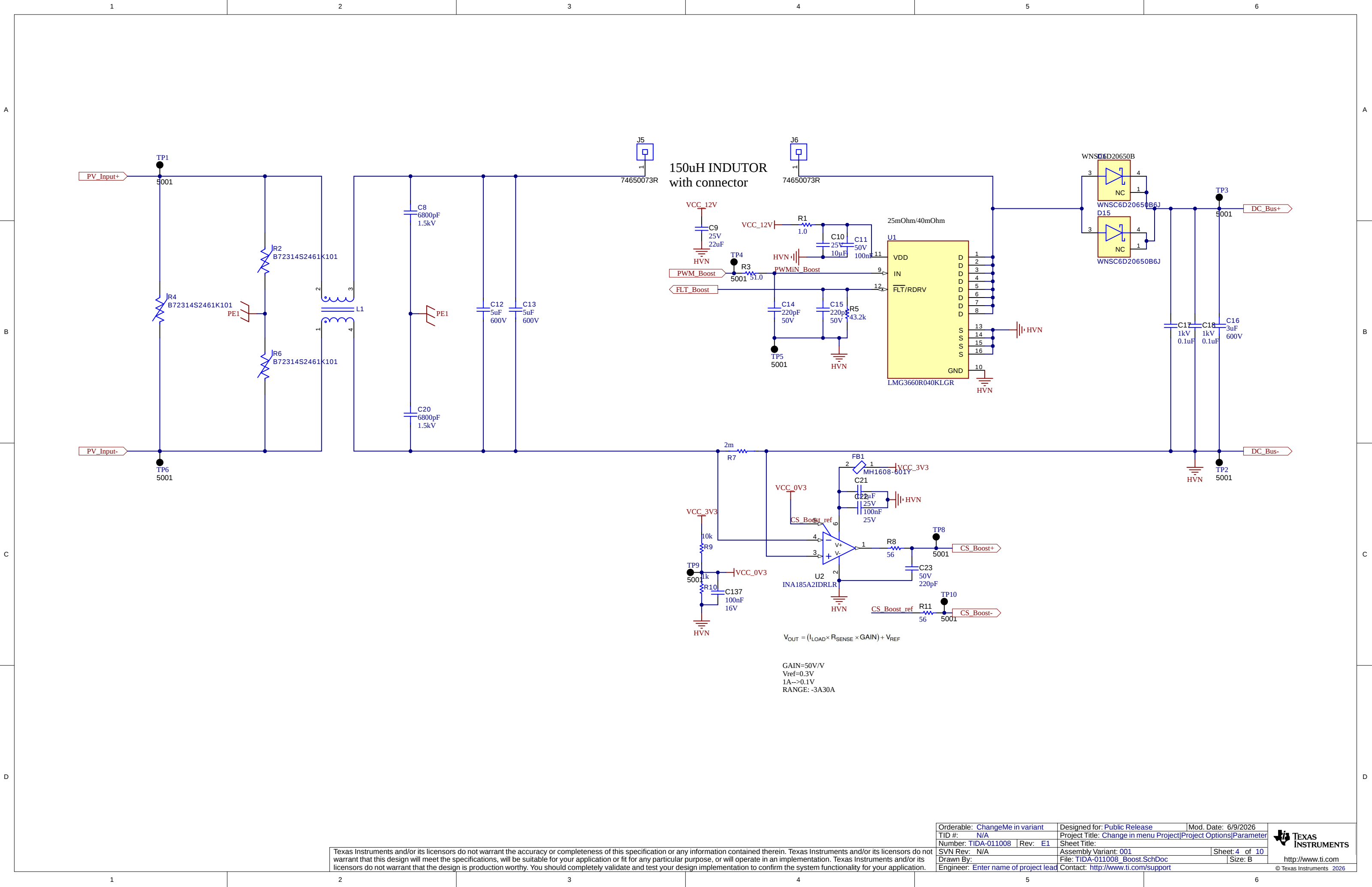
PCB
LOGO
FCC disclaimer

PCB
LOGO
WEEE logo



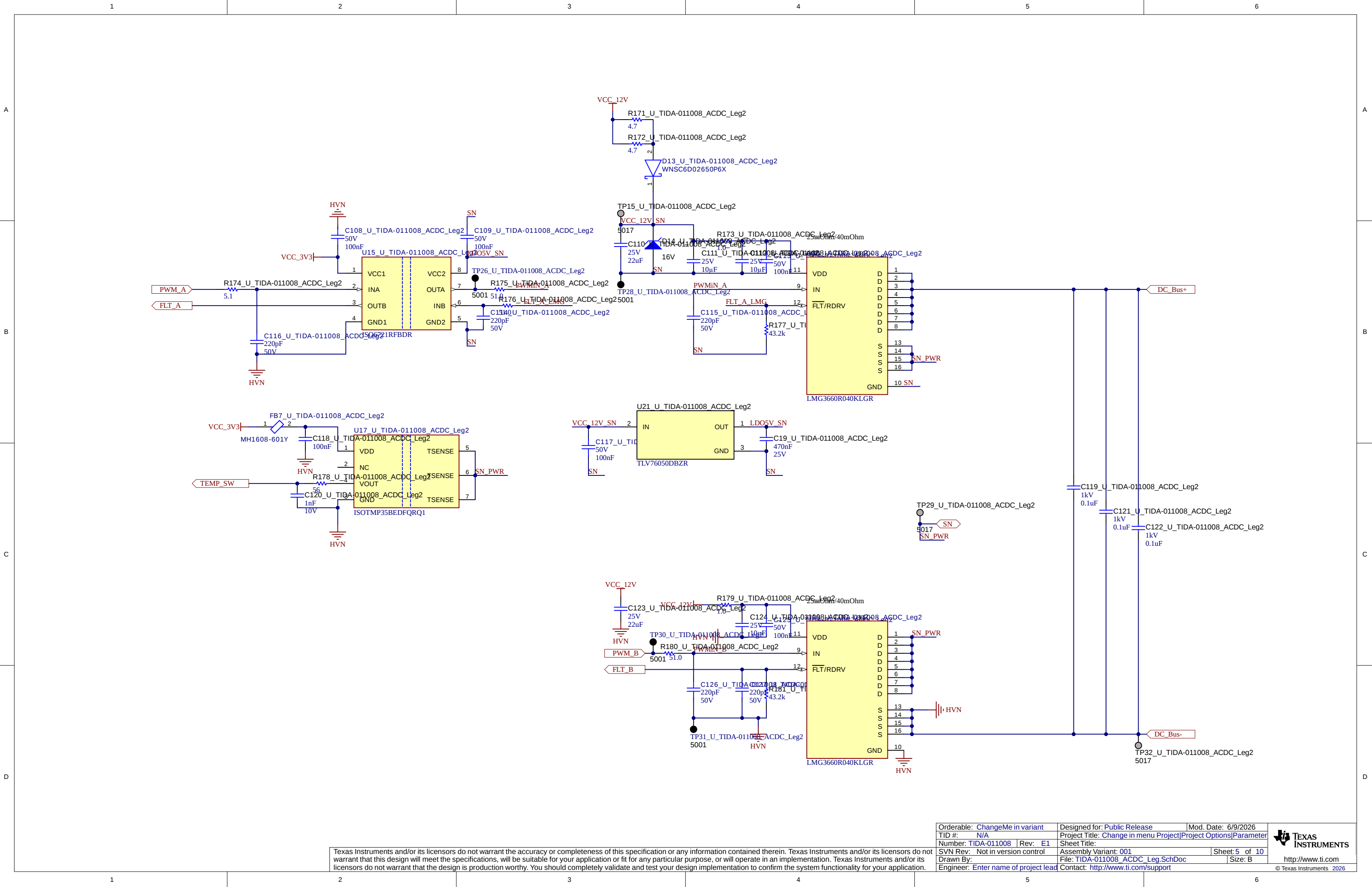
LBL1
PCB Label
THT-14-423-10
Size: 0.65" x 0.20 "

Variant/Label Table	
Variant	Label Text
001	ChangeMe!
002	ChangeMe!



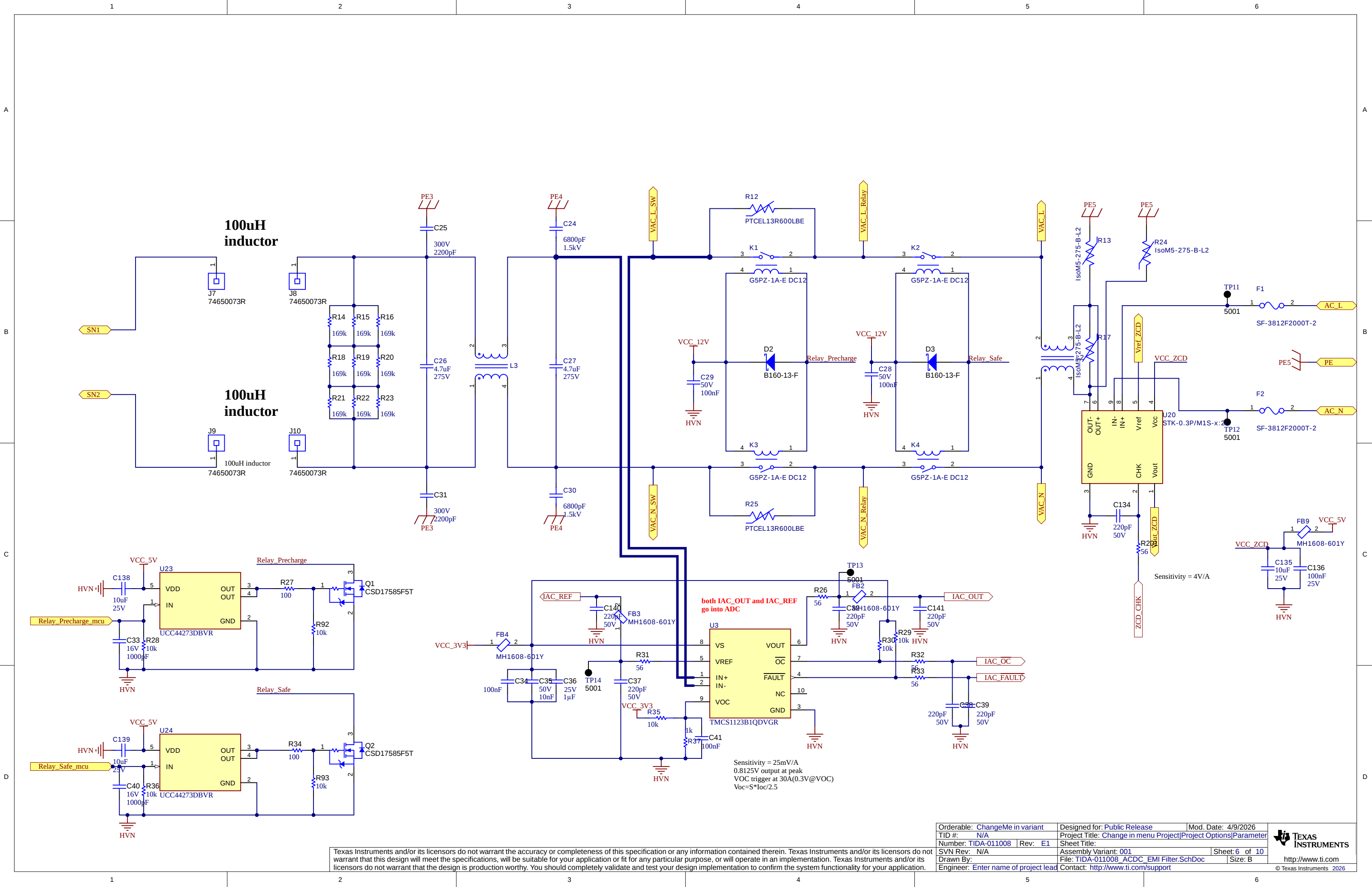
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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/9/2026
TID #: N/A	Project Title: Change in menu Project	Project Options: Parameter
Number: TIDA-011008	Rev: E1	Sheet Title:
SVN Rev: N/A	Assembly Variant: 001	Sheet: 4 of 10
Drawn By:	File: TIDA-011008_Boost.SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	



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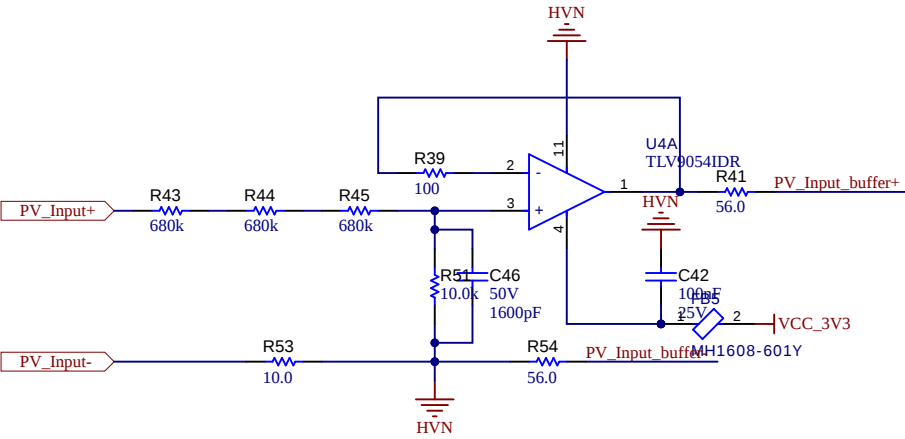
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Number: TIDA-011008	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 5 of 10
Drawn By:	File: TIDA-011008_ACDC_Leg.SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	



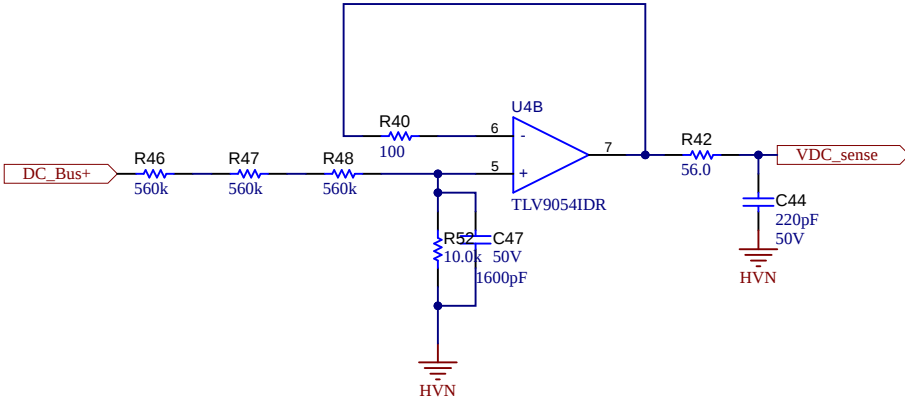
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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 4/9/2026
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Drawn By:	File: TIDA-011008_ACDC_EMI Filter.SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	

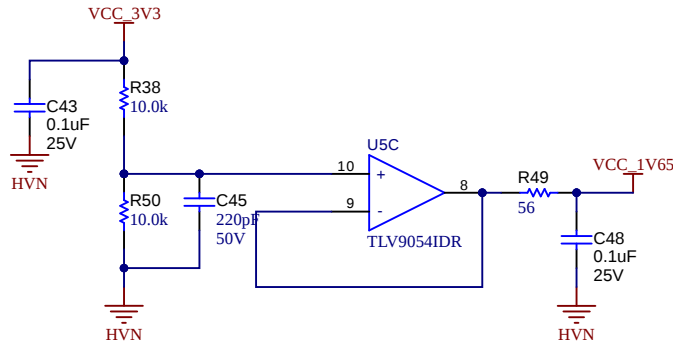
PV Voltage sensing



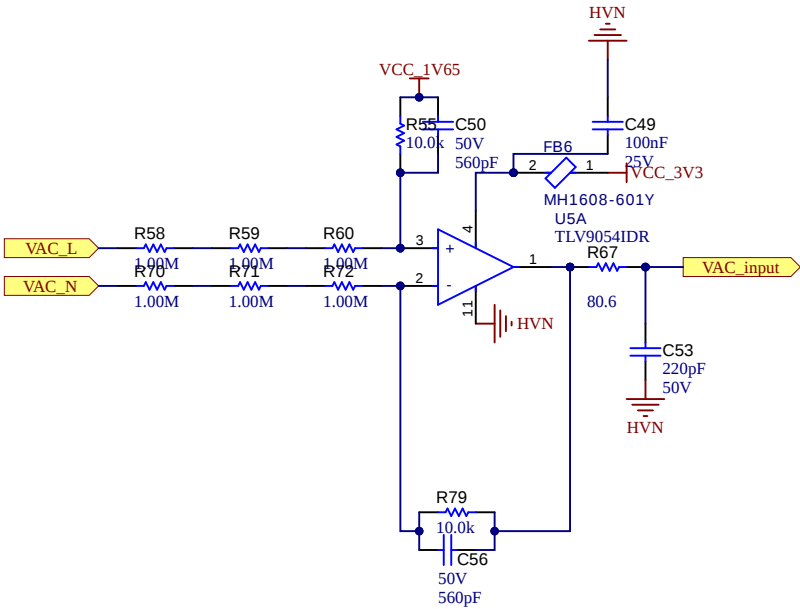
DC Link Voltage sensing



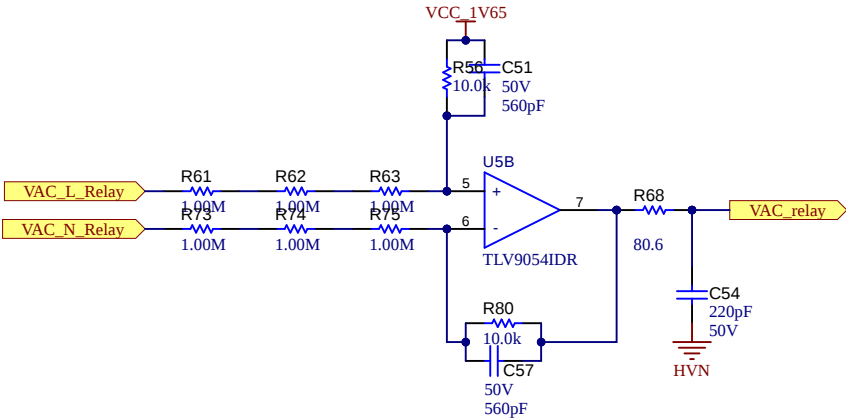
1.65V generation



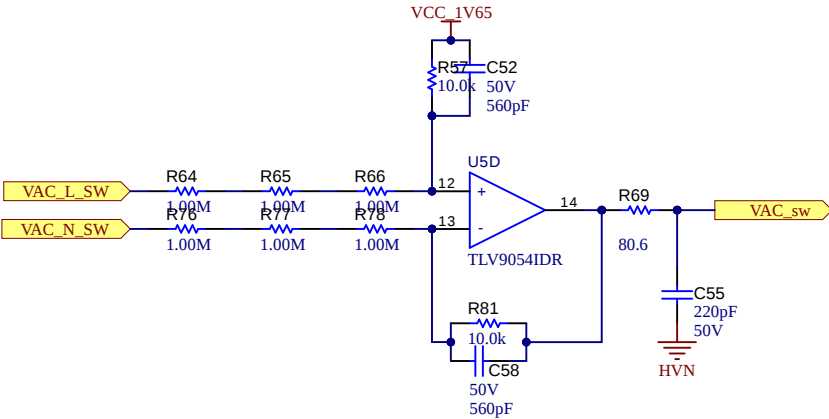
AC INPUT VOLTAGE SENSING



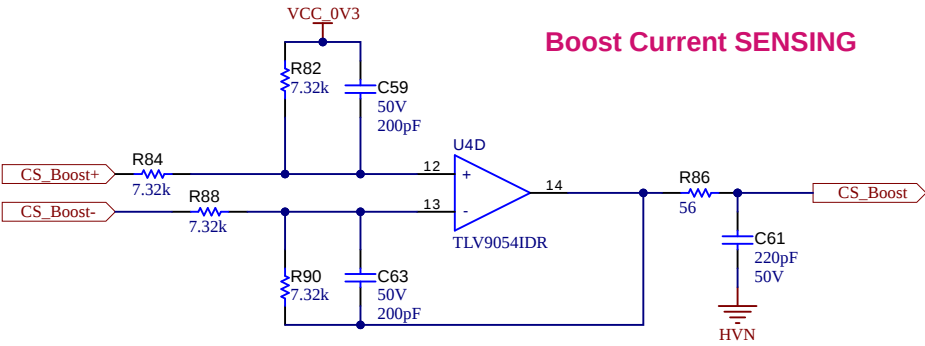
Relay Middle VOLTAGE SENSING



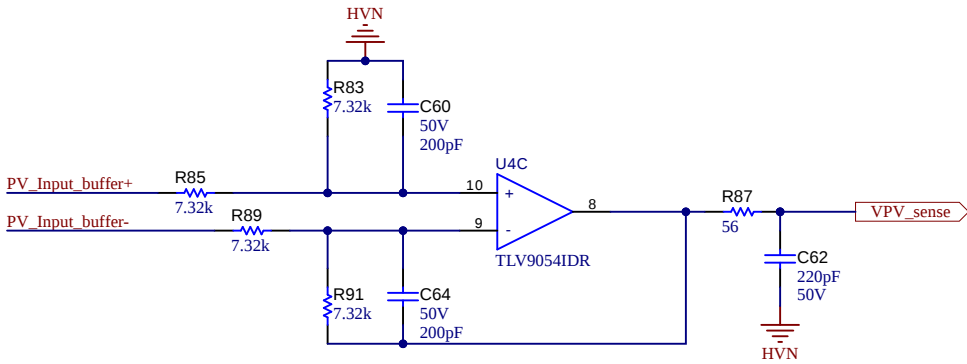
Switching Node VOLTAGE SENSING



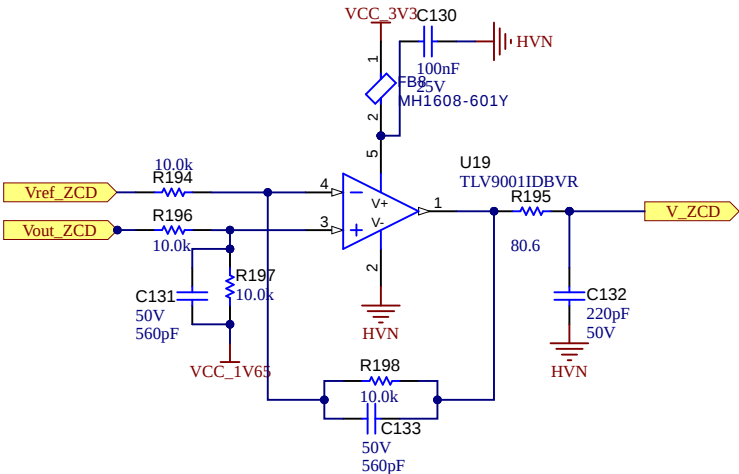
Boost Current SENSING



PV Voltage SENSING



ZCD Current Sensing



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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/9/2026
TID #: N/A	Project Title: Change in menu Project	Parameter: Project Options
Number: TIDA-011008	Rev: E1	Sheet Title: Assembly Variant: 001
SVN Rev: Not in version control	File: TIDA-011008_Measurements & AD Buffer.Sch	Size: B
Drawn By: Enter name of project lead	Contact: http://www.ti.com/support	

1

2

3

4

5

6

A

A

B

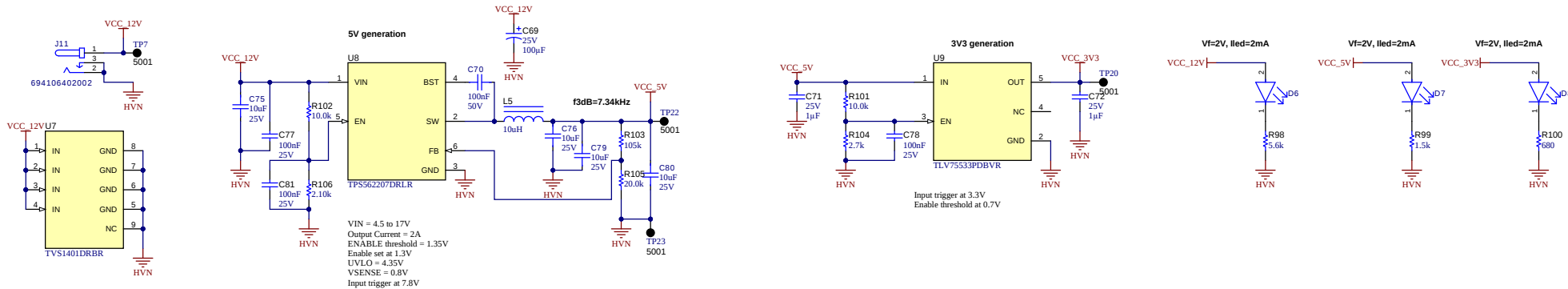
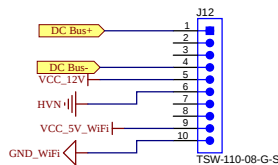
B

C

C

D

D

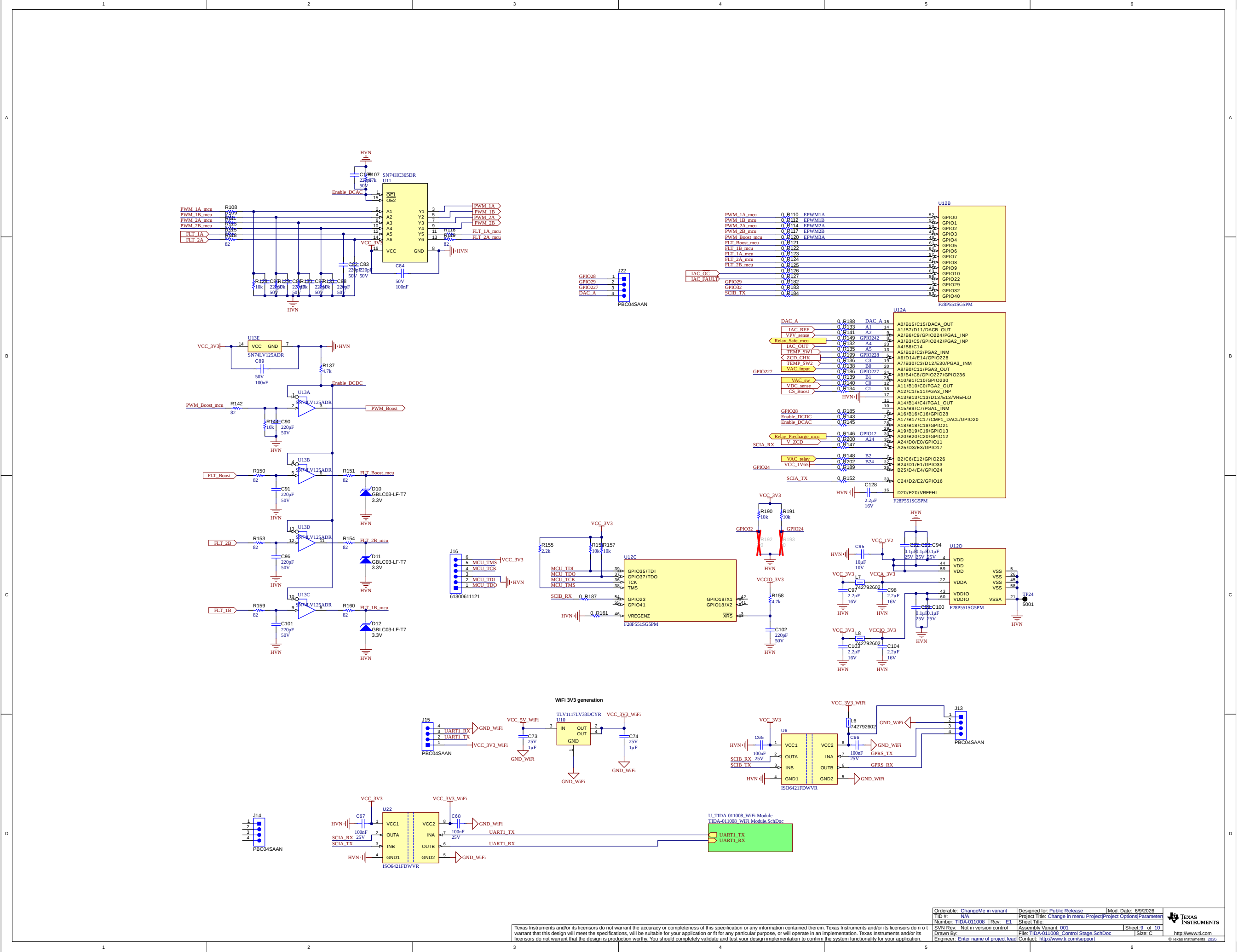


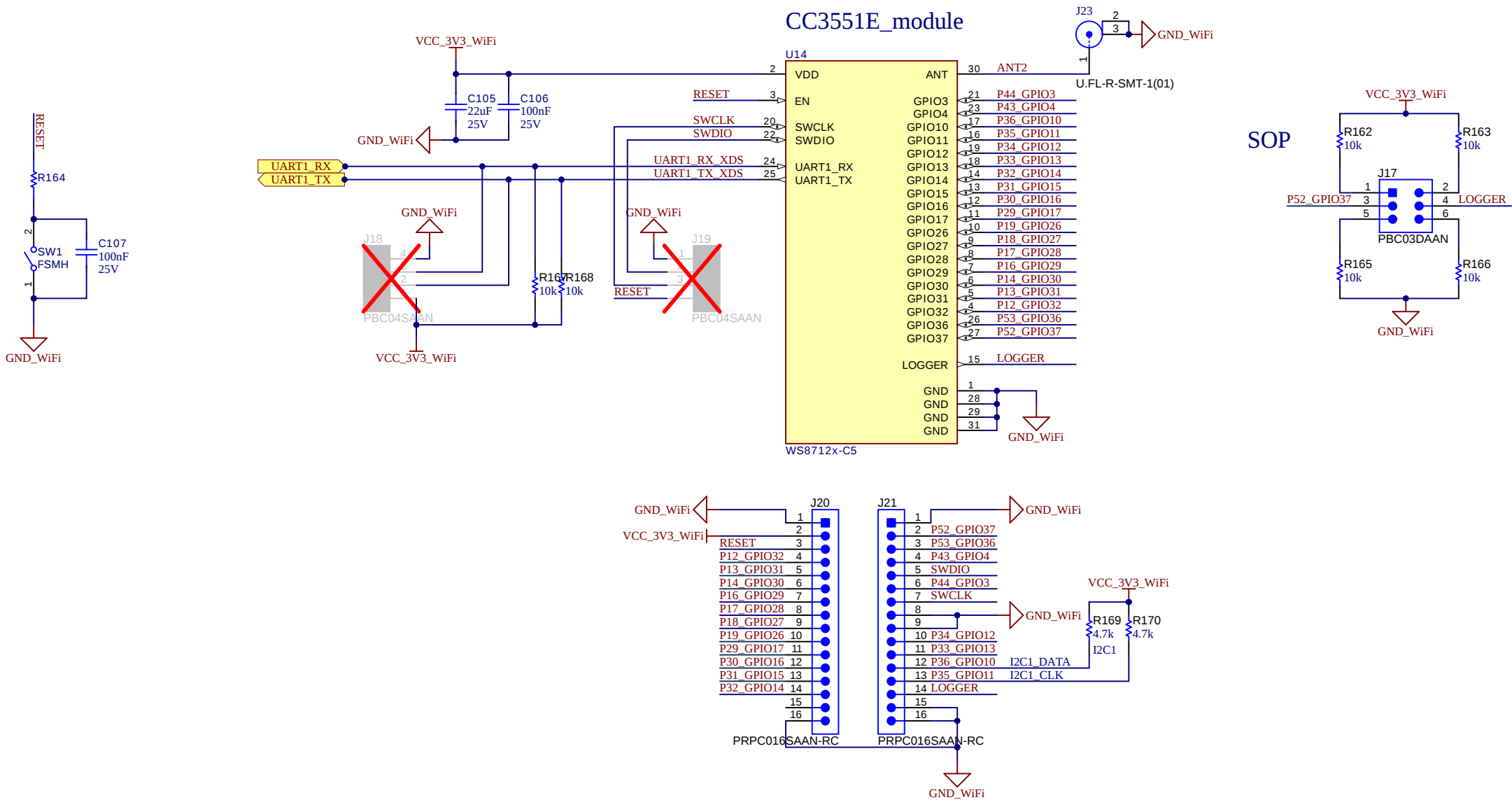
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TID #: N/A	Project Title: Change in menu Project	Project OptionsParameters
Number: TIDA-011008	Rev: E1	Sheet Title
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 8 of 10
Drawn By:	File: TIDA-011008_Aux Power_SchDoc	Size: C
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	http://www.ti.com



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Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 6/9/2026
TID #: N/A	Project Title: Change in menu Project	Project Options Parameter
Number: TIDA-011008	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 10 of 10
Drawn By:	File: TIDA-011008_WiFi Module.SchDoc	Size: B
Engineer: Enter name of project lead	Contact: http://www.ti.com/support	

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