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Revision History

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

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BLOCK DIAGRAM

Page 3

POWER SUPPLY (LDOs and INVERTER FOR NEGATIVE SUPPLY)

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AMC1200 ISOLATION AMPLIFIER and POTENTIAL DIVIDER

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CURRENT INPUTs, VOLATGE INPUTs and GAIN AMPLIFIER

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REFERENCE, REFERENCE BUFFER and COMPARTOR

Page 7

ADC1-ADS131A04 + ADC104S021

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ADC2-ADS131A04 + ADC104S021

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OSCILLATOR , DUAL OUTPUT CLOCK BUFFER

Orderable: N/A

TID #: TIDA-00810

Number: TIDA-00810

Rev: E2

Rev. Version control disabled

Drawn By: Sreenivasa

Engineer: Sreenivasa

Designed for:Public Release

Project Title: ADS131A04_AFE

Sheet Title: Cover Sheet

Assembly Variant:001

File: TIDA-00810_CoverSheet.SchDoc

Contact: <http://www.ti.com/support>

Mod. Date: 7/5/2016

Sheet: 1 of 10

Size: B

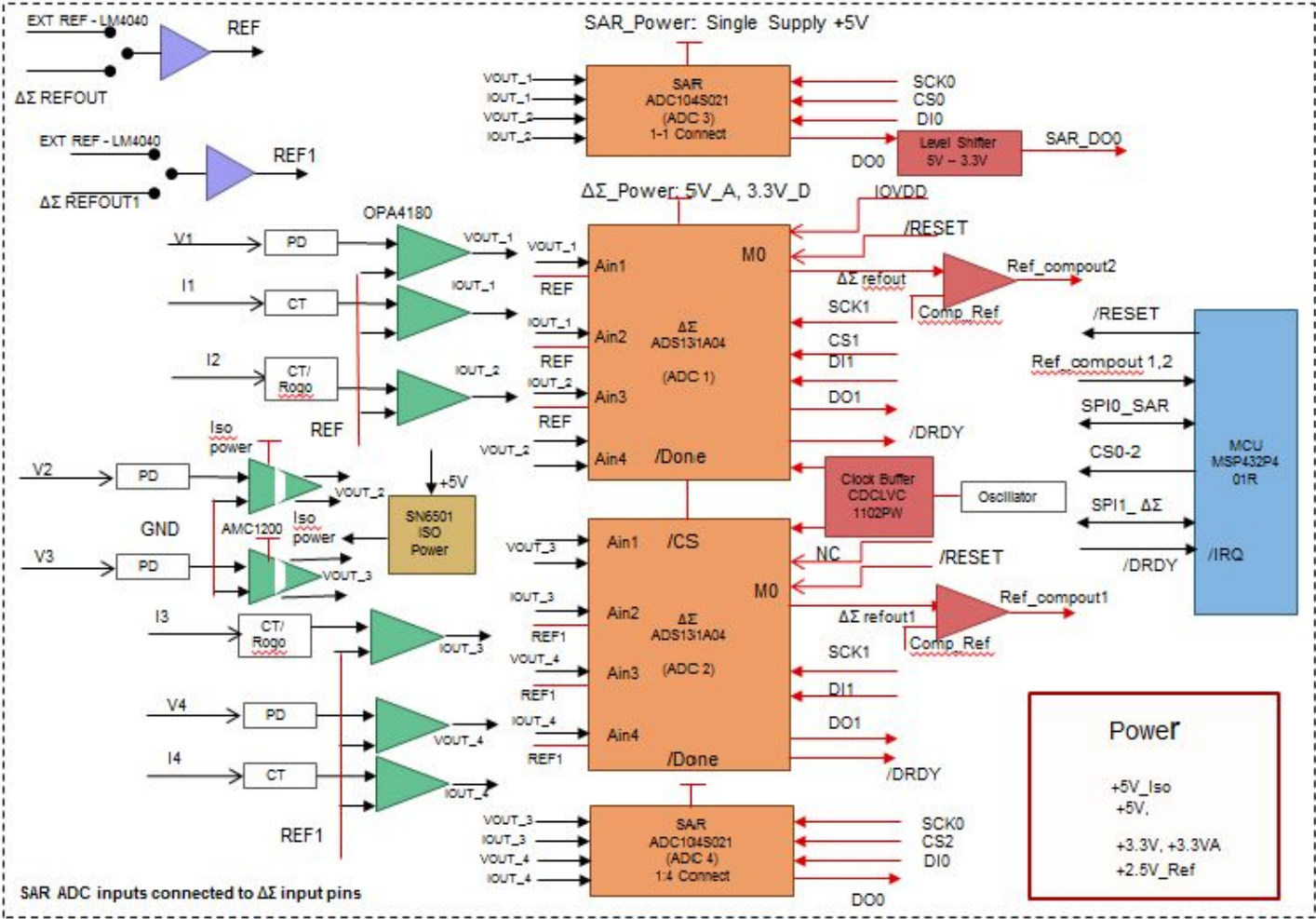
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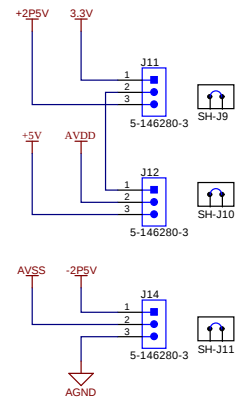
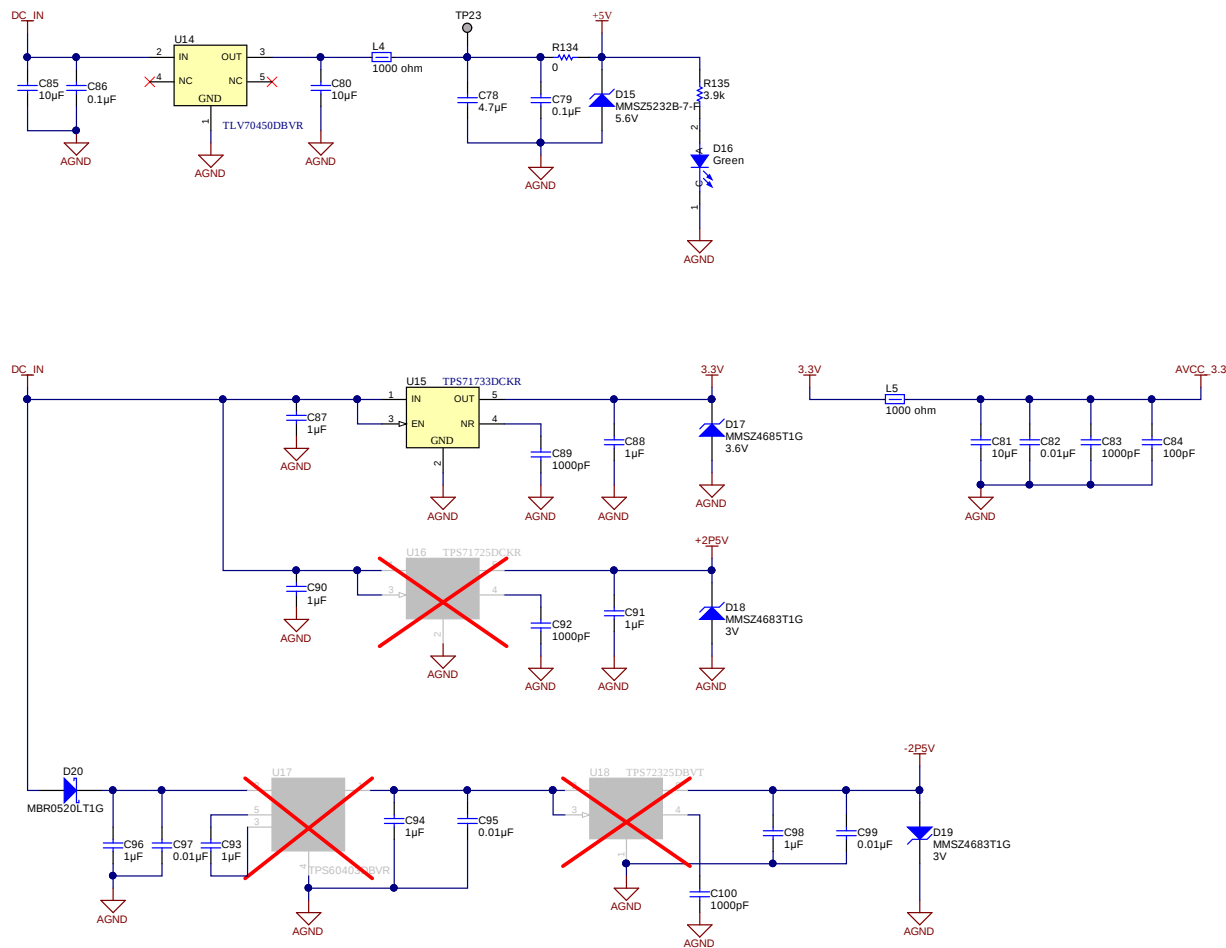
TEXAS
INSTRUMENTS

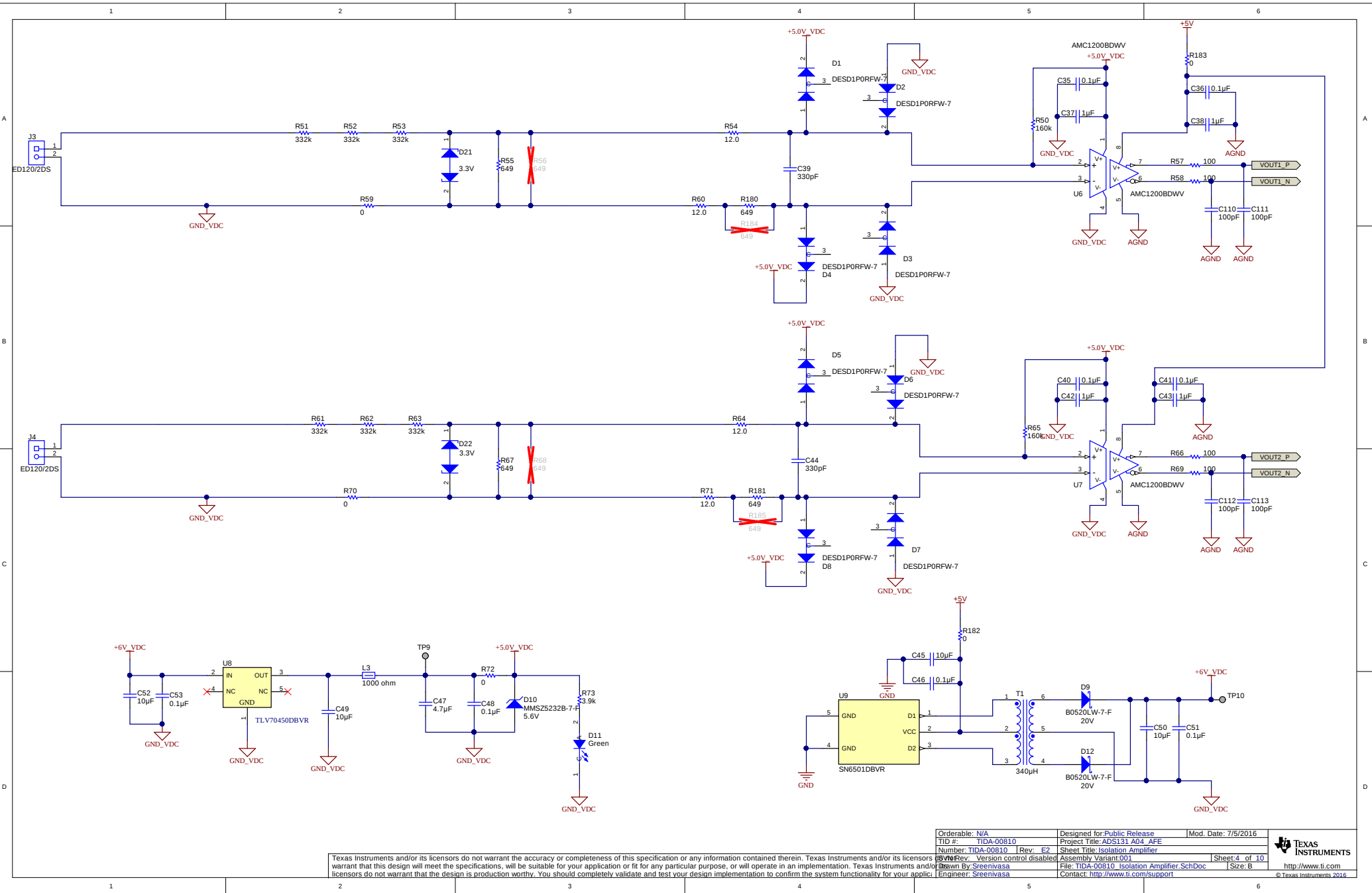
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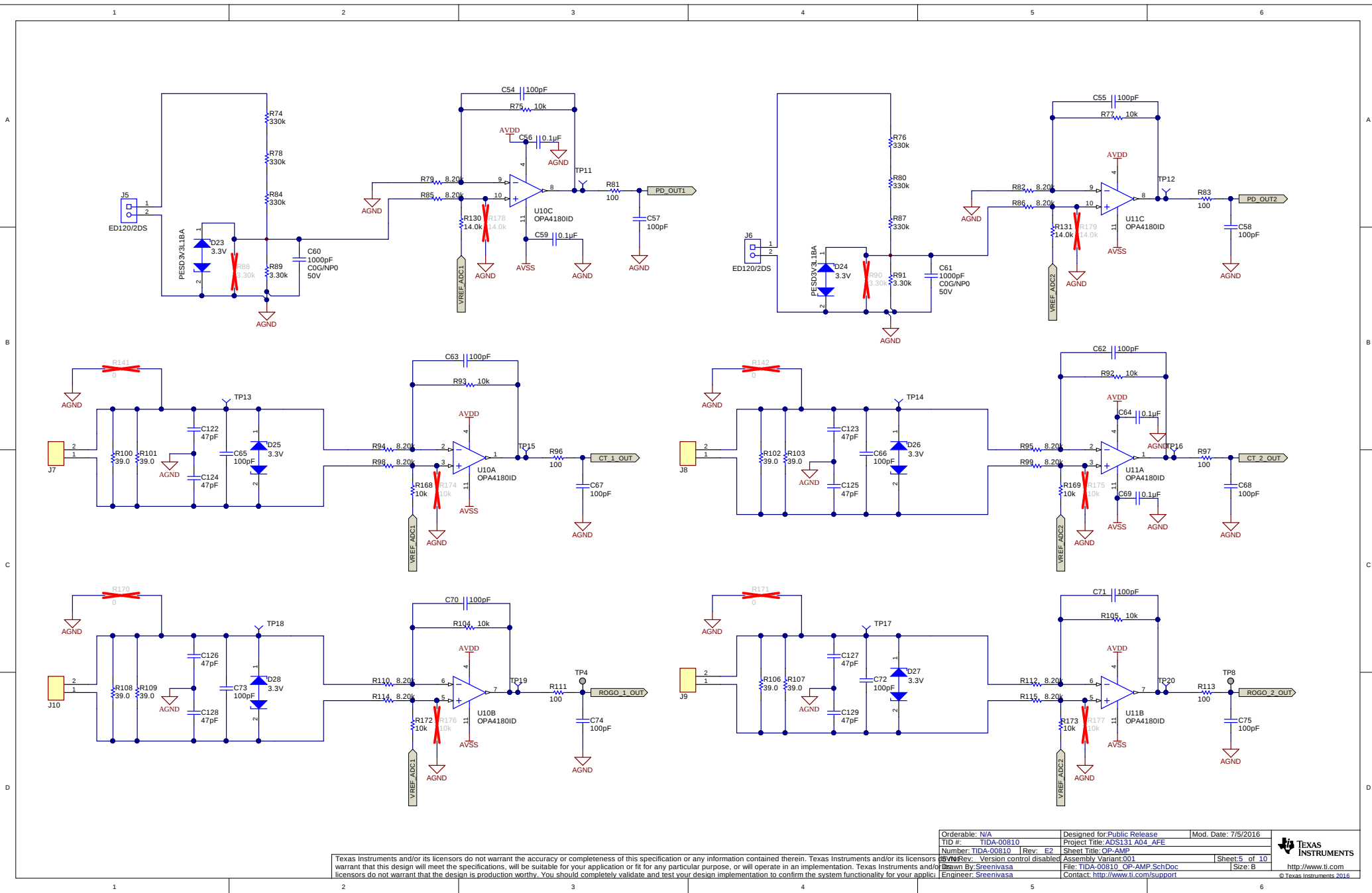
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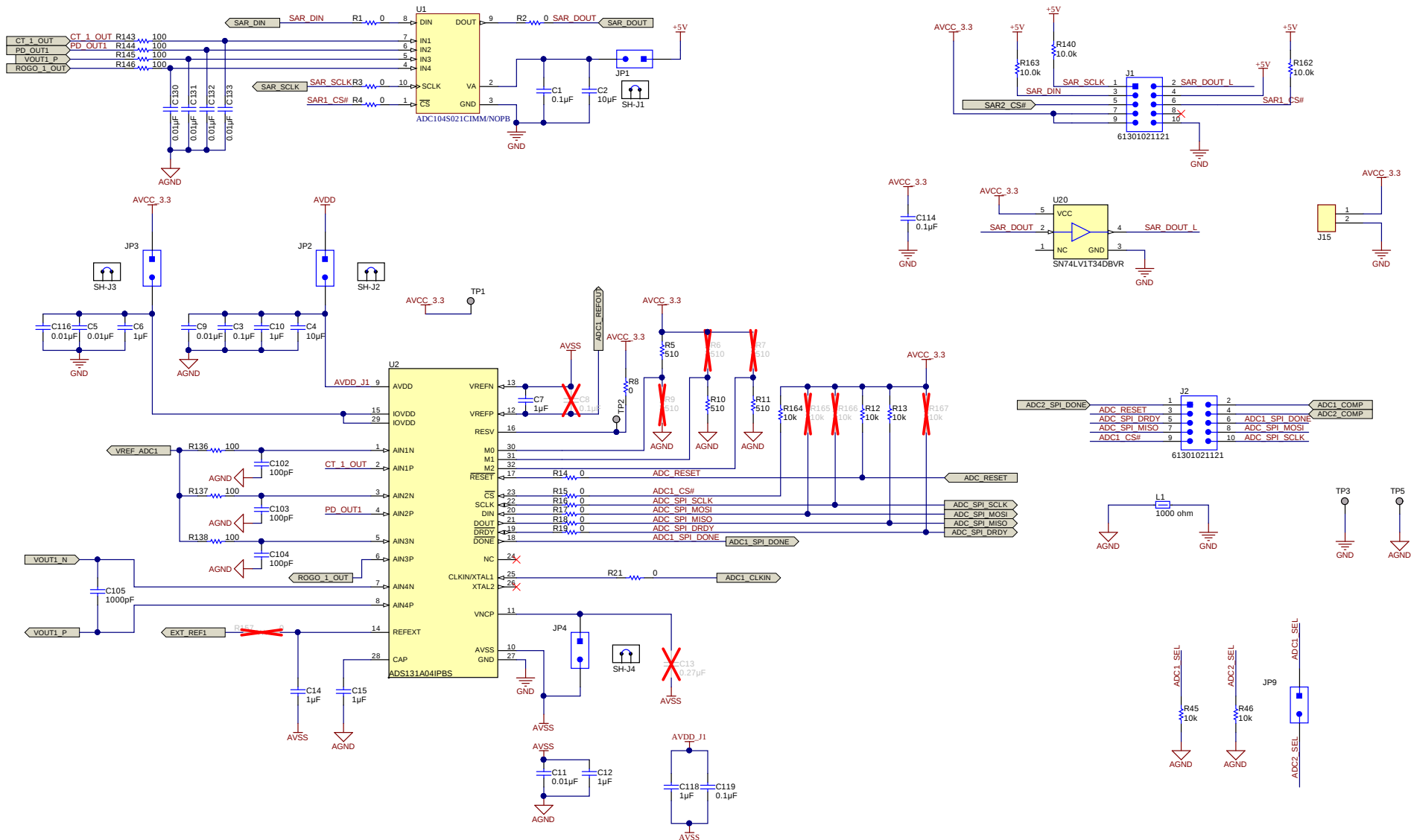
Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
N/A	N/A	N/A	N/A	N/A

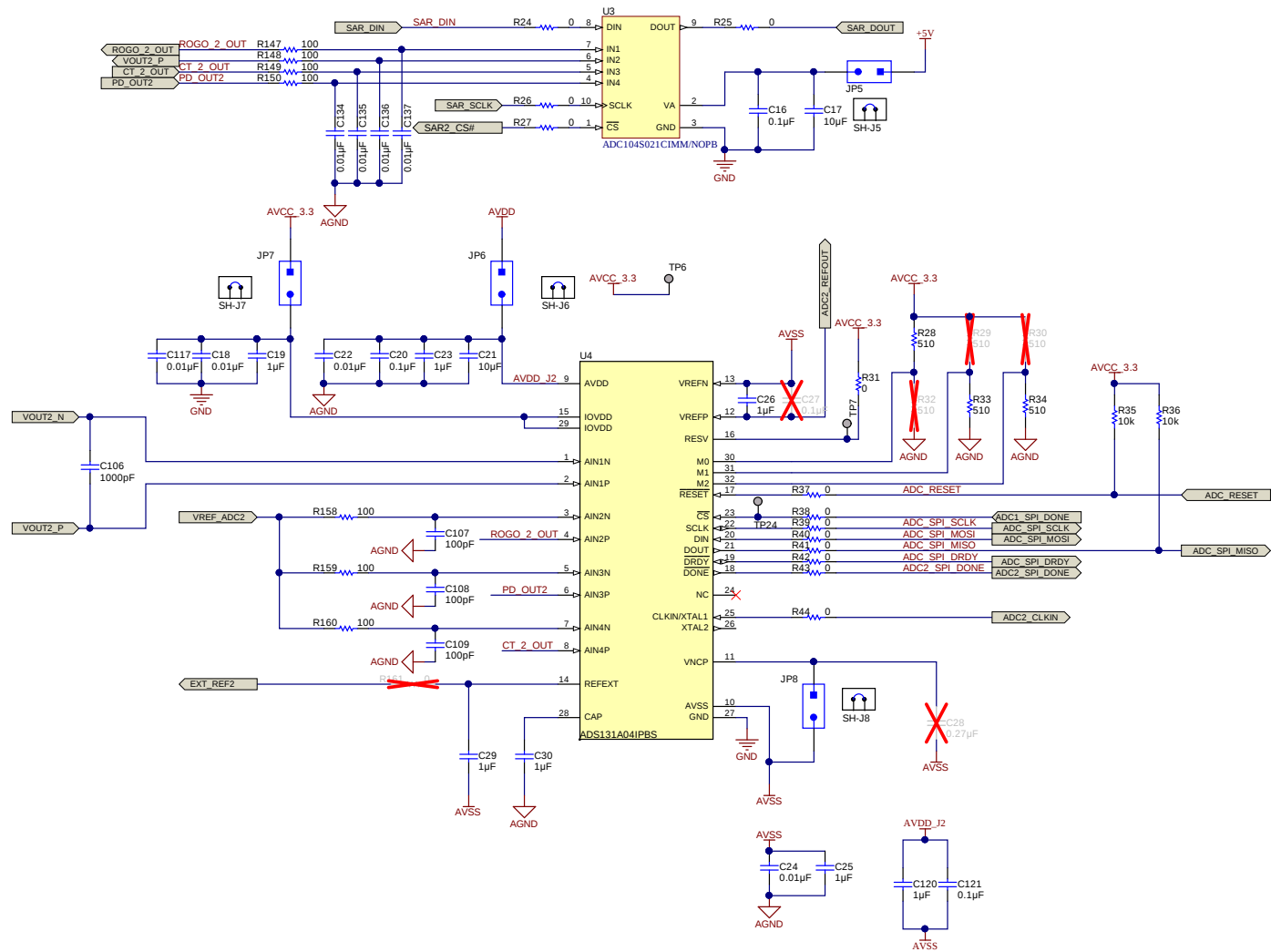






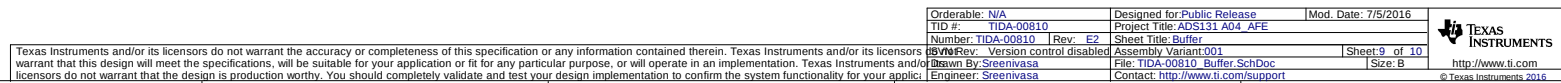


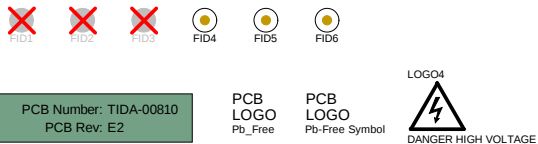
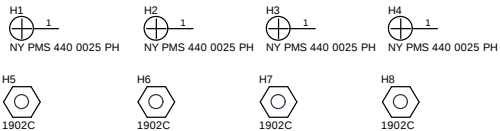




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Orderable: N/A	Designed for: Public Release	Mod. Date: 7/5/2016
TID #: TIDA-00810	Project File: ADS131 A04_AFE	
Number: TIDA-00810 Rev: E2	Sheet Title: ADC2	
Drawn By: Sreenivasa	Assembly Variant: 001	Sheet: 8 of 10
Engineer: Sreenivasa	File: TIDA-00810_ADC2_SchDoc	Size: B
	Contact: http://www.ti.com/support	





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.

PCB Label
Size: 0.65" x 0.20"

Label Assembly Note
This Assembly Note is for PCB labels only

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

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

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

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

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