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Block Diagram

Page 3

Power Supply

Page 4

Isolated Power Supply + Split rail Power Supply

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Digital Isolators + ZCD

Page 6

Level Shifters

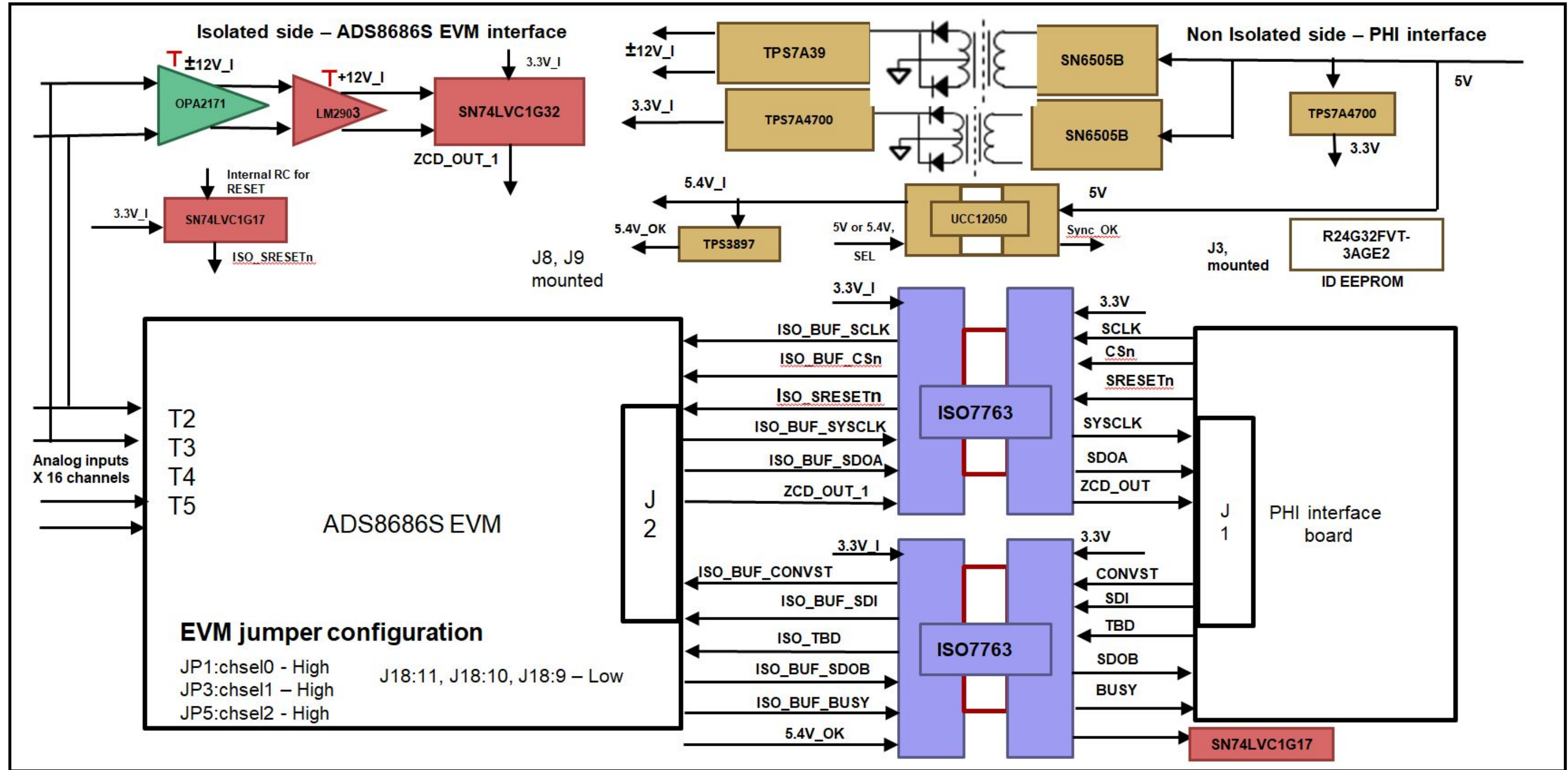
Page 7

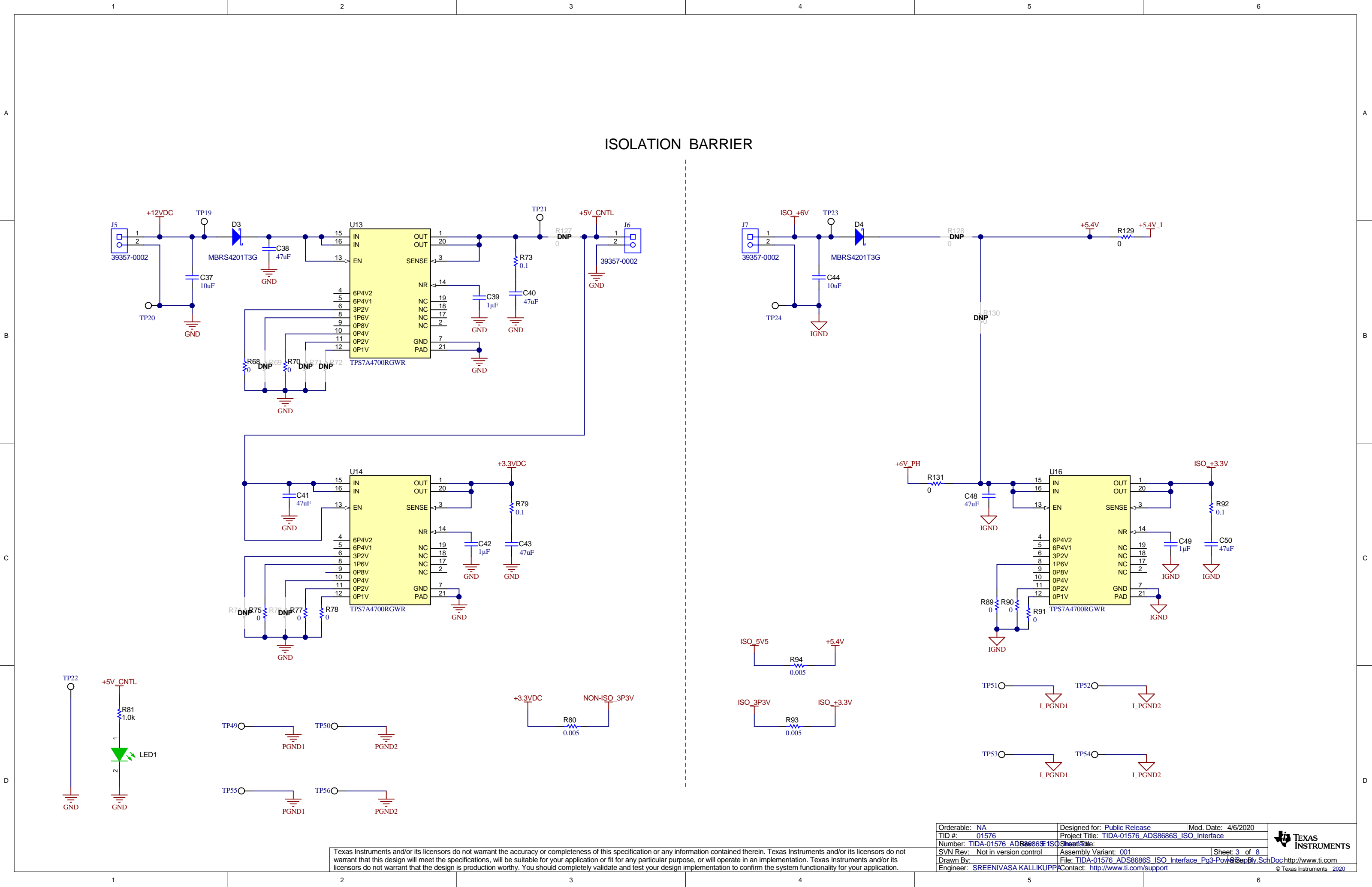
Interface Connectors

Page 8

Hardware - Miscellaneous

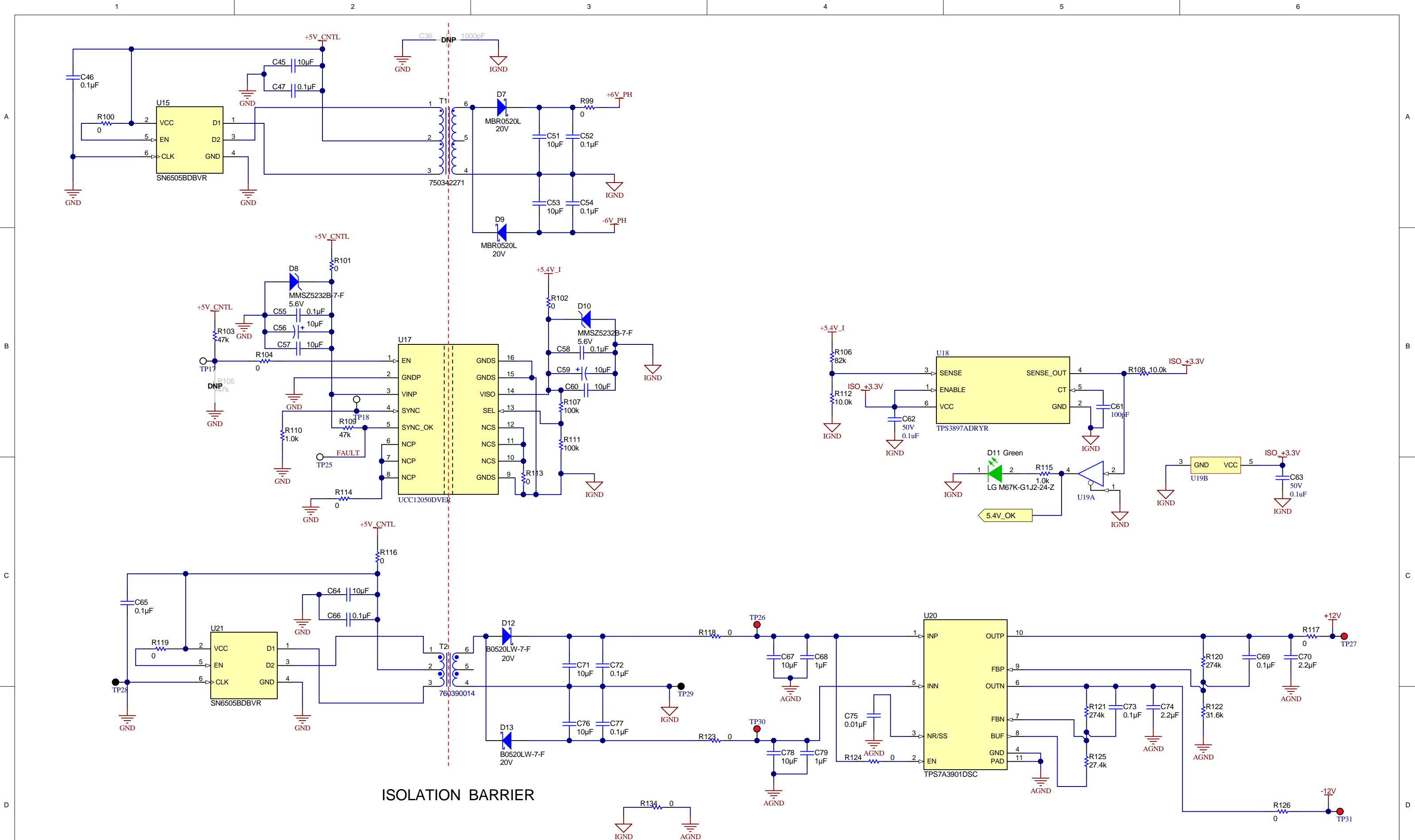
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Orderable: NA	Designed for: Public Release	Mod. Date: 4/6/2020
TID #: 01576	Project Title: TIDA-01576_ADS8686S_ISO_Interface	
Number: TIDA-01576_ADS8686S_ISO_Interface	Sheet: 3 of 8	
SVN Rev: Not in version control	Assembly Variant: 001	
Drawn By: SREENIVASA KALLIKUPPA	File: TIDA-01576_ADS8686S_ISO_Interface_Pg3-PowerSupply.SchDoc	
Engineer: SREENIVASA KALLIKUPPA	Contact: http://www.ti.com/support	

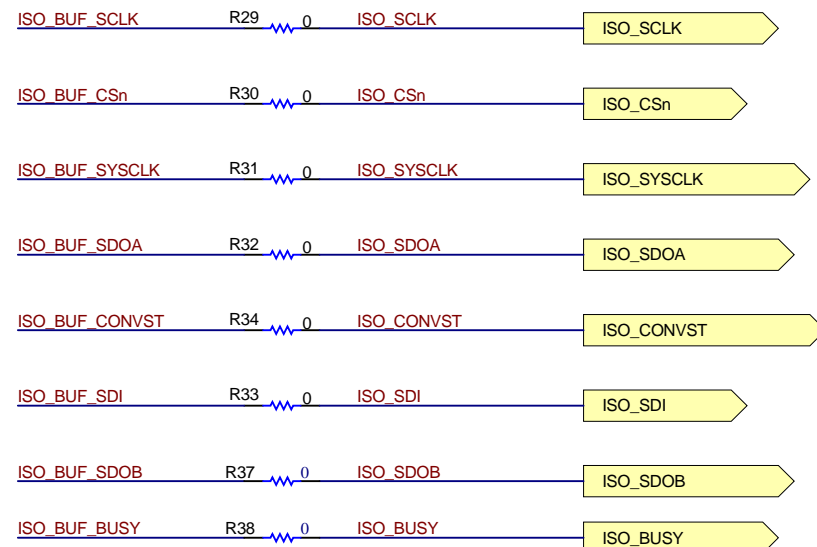
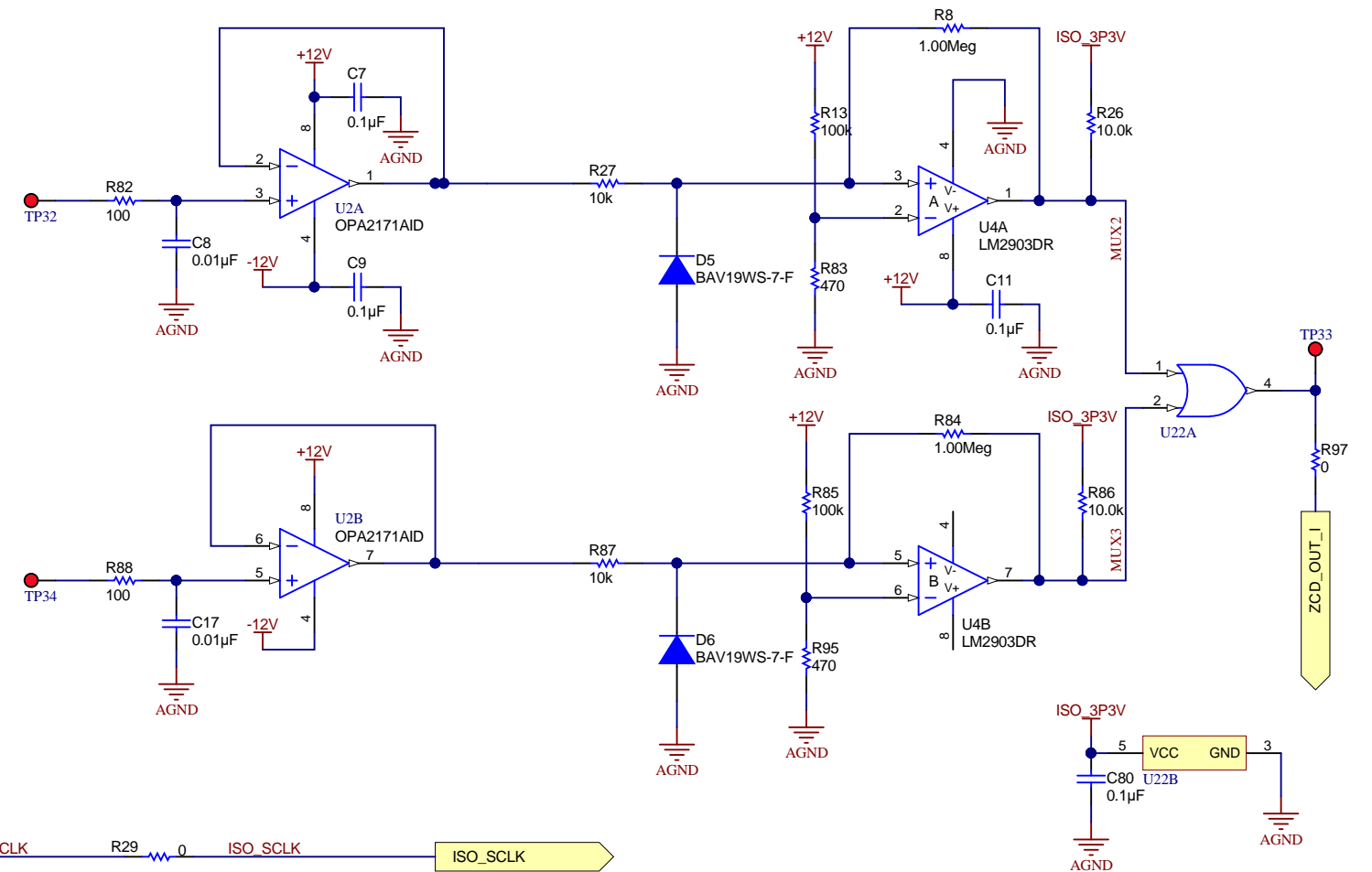
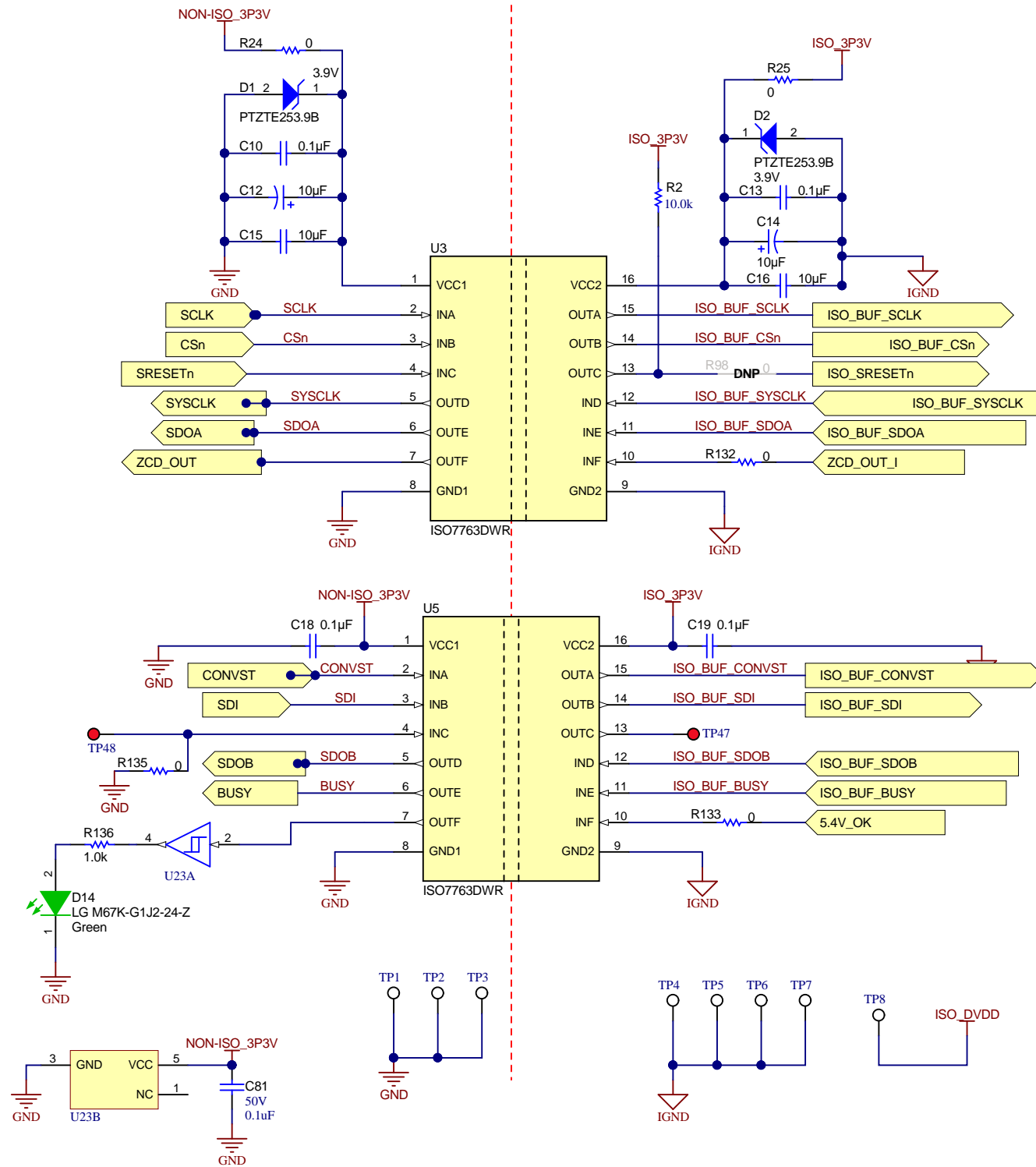


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TID #: 01576	Project Title: TIDA-01576_ADS8686S_ISO_Interface	
Number: TIDA-01576_ADS8686S_ISO_Interface	Sheet: 4 of 8	
SVN Rev: Not in version control	Assembly Variant: 001	
Drawn By: SREENIVASA KALLIKUPPA	File: TIDA-01576_ADS8686S_ISO_Interface_Pg4-Isolated Power Supply.tsp	
Engineer: SREENIVASA KALLIKUPPA	Contact: http://www.ti.com/support	



ISOLATION BARRIER



A

A

B

B

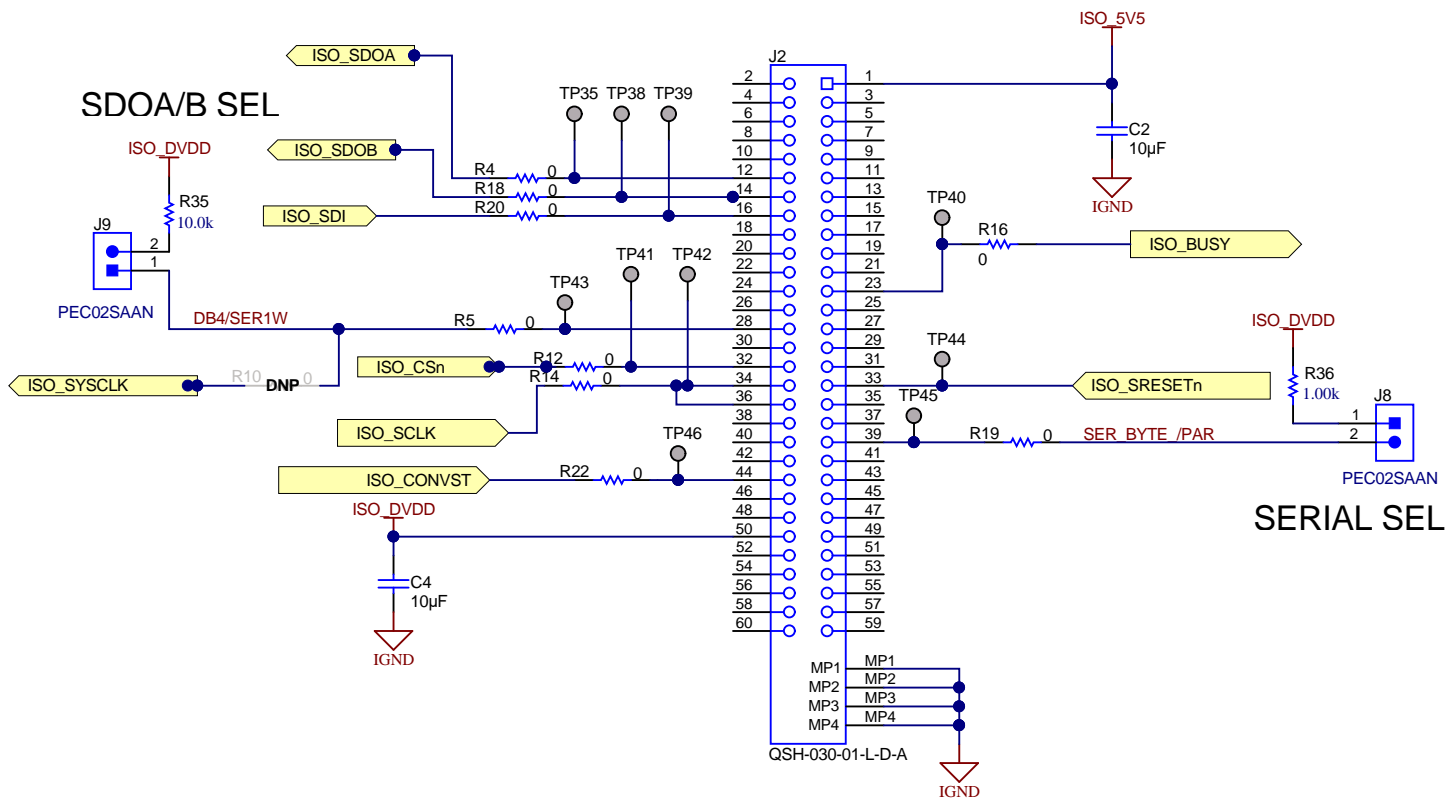
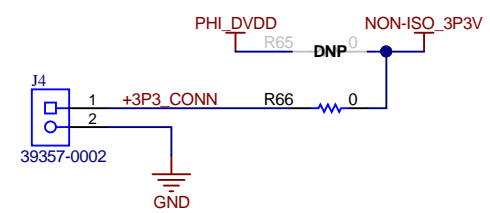
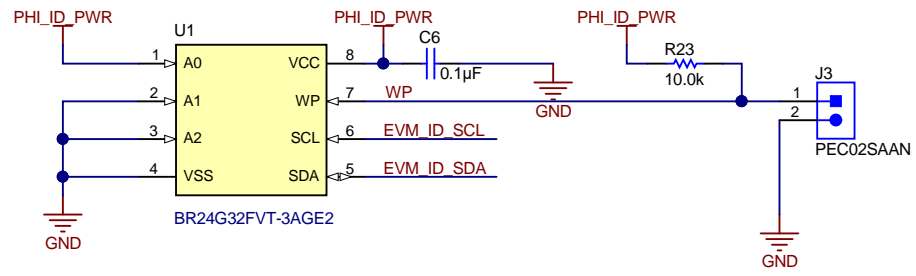
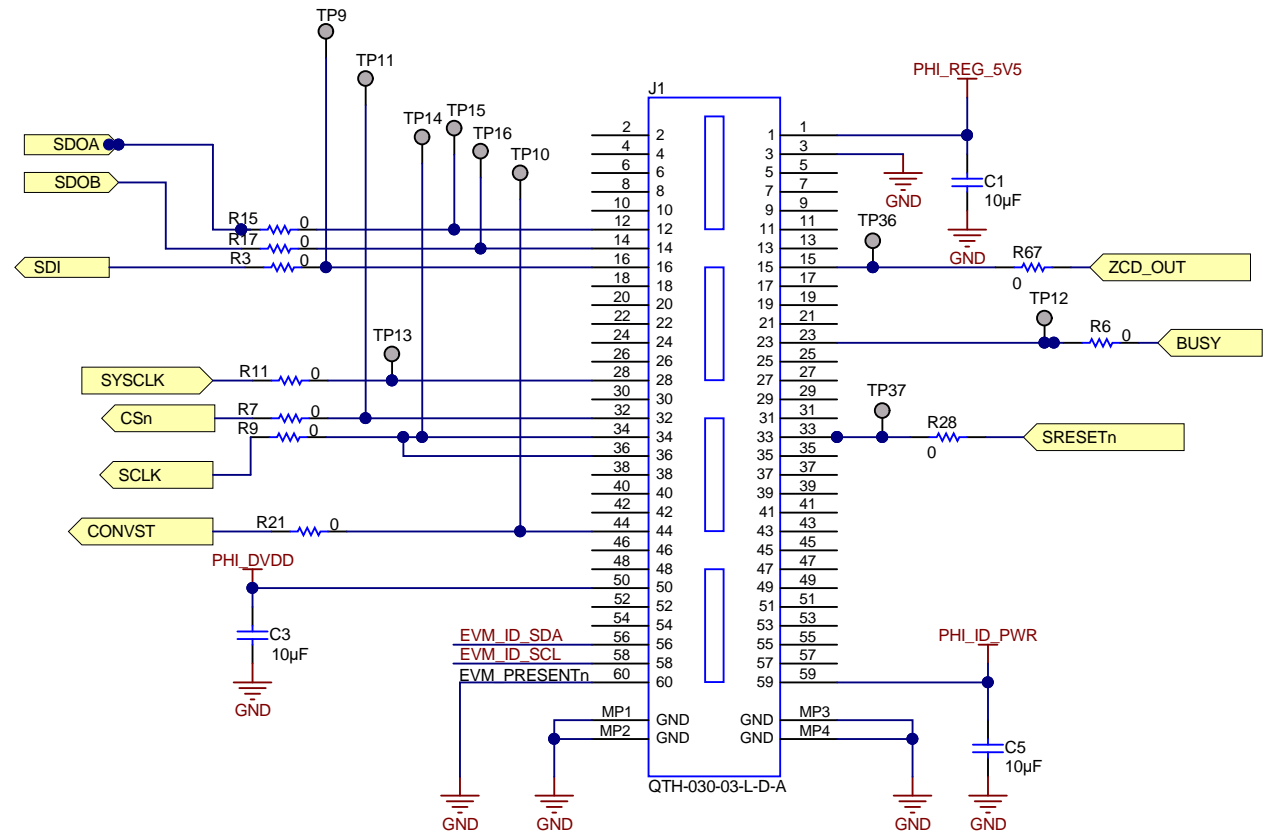
C

C

D

D

ISOLATION BARRIER



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