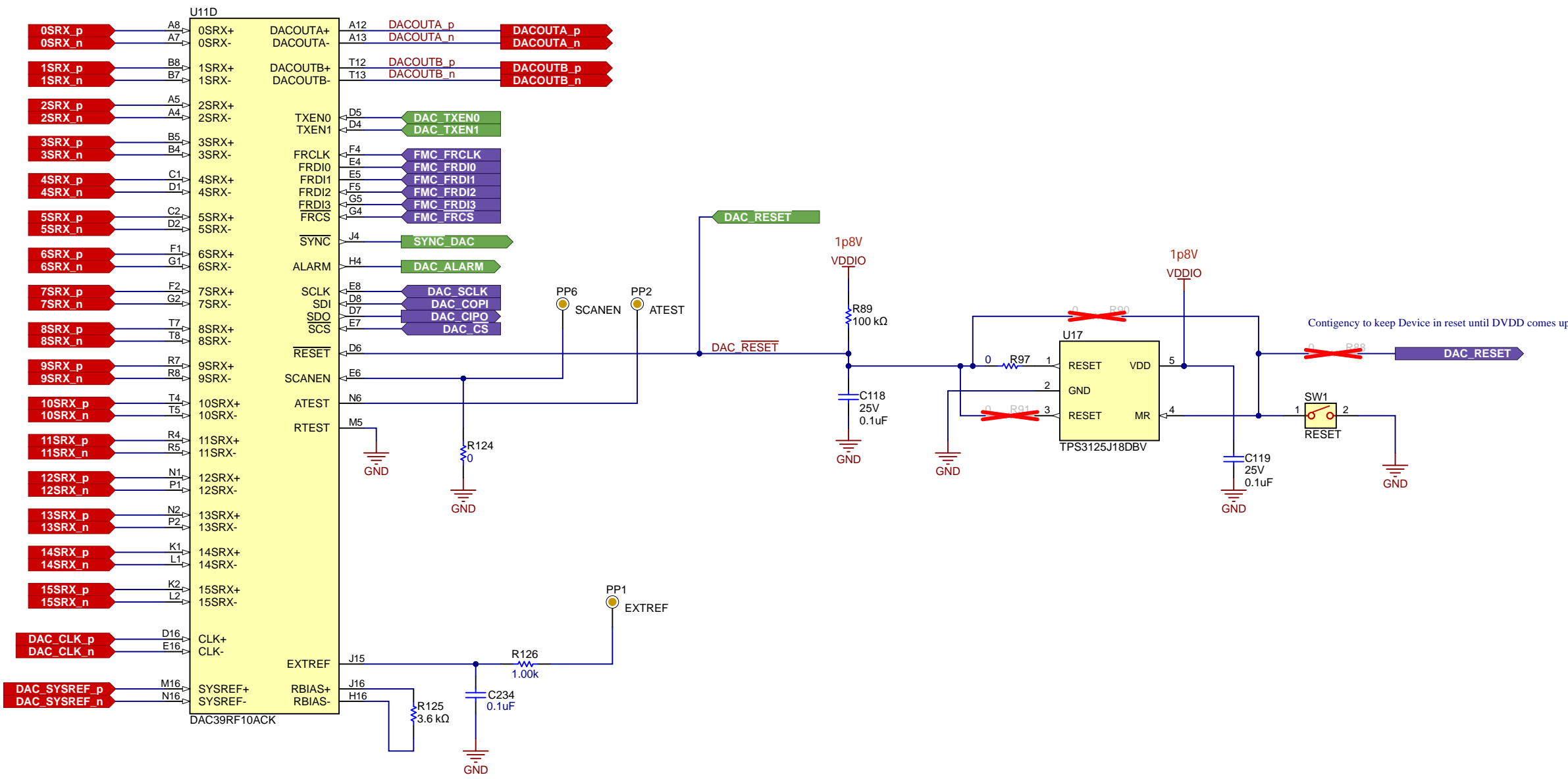
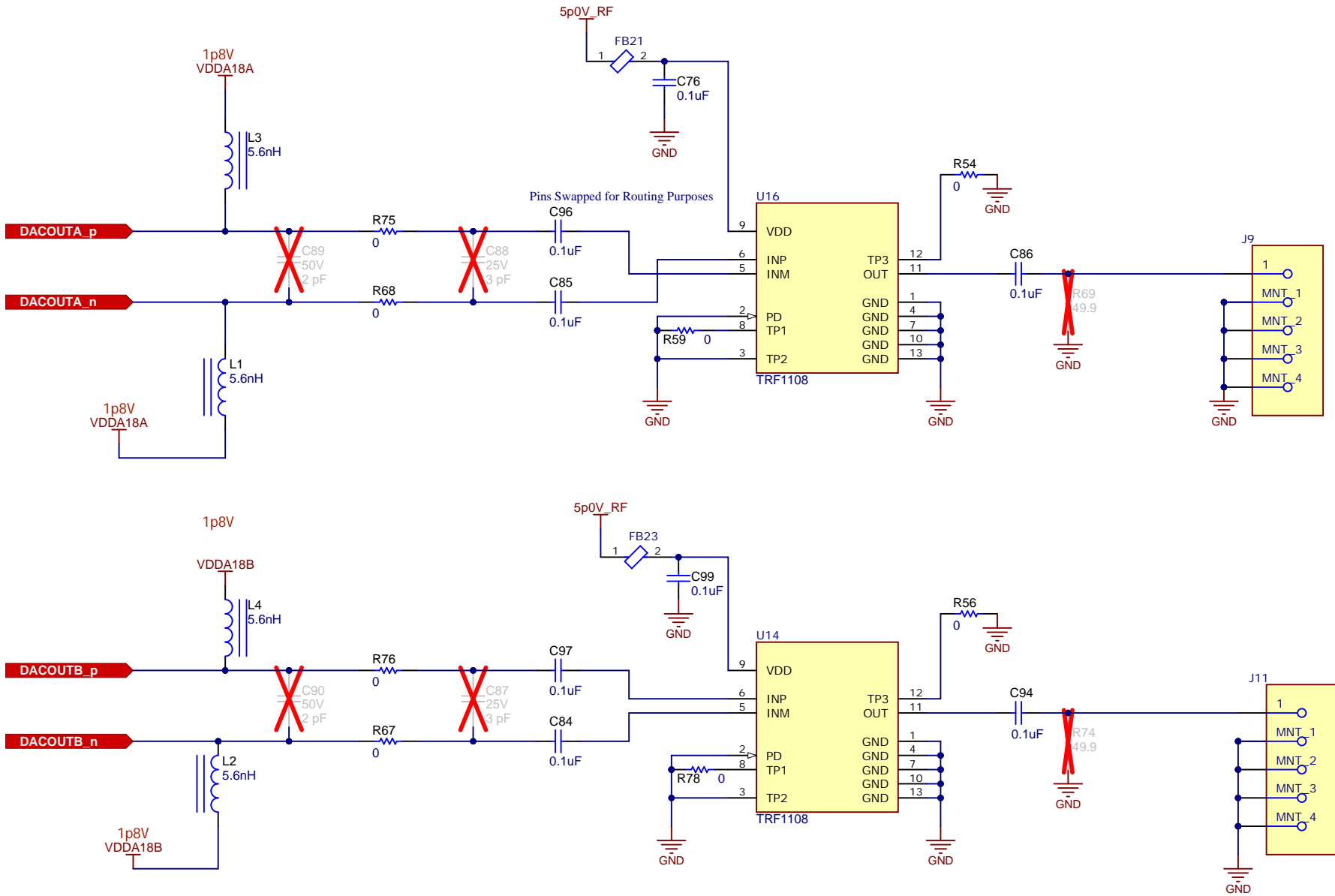


Power Management Solution	
Industrial	Space
TPSM82913	TPS7H4011-SEP
TPS62916	TPS7H1111-SEP (LDO)
TPS63710	TPS7H4010-SEP
TPS7A9401 (LDO)	


Text



DAC39RF10 RF Output



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TID #: <a href="#">TIDA-010274</a>	Project Title: <a href="#">TIDA-010274 EVM</a>		
Number: <a href="#">TIDA-010274</a>   Rev: <a href="#">B</a>	Sheet Title: <a href="#">DAC39RF10 Output</a>		
SVN Rev: Not in version control	Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">3</a> of <a href="#">15</a>	
Drawn By: <a href="#">RJH</a>	File: <a href="#">DAC39RF10 Outputs.SchDoc</a>	Size: <a href="#">B</a>	
Engineer: <a href="#">RJH</a>	Contact: <a href="#">http://www.ti.com/support</a>		<a href="#">http://www.ti.com</a> © Texas Instruments 2024

FMC SERDES Banks

A

B

C

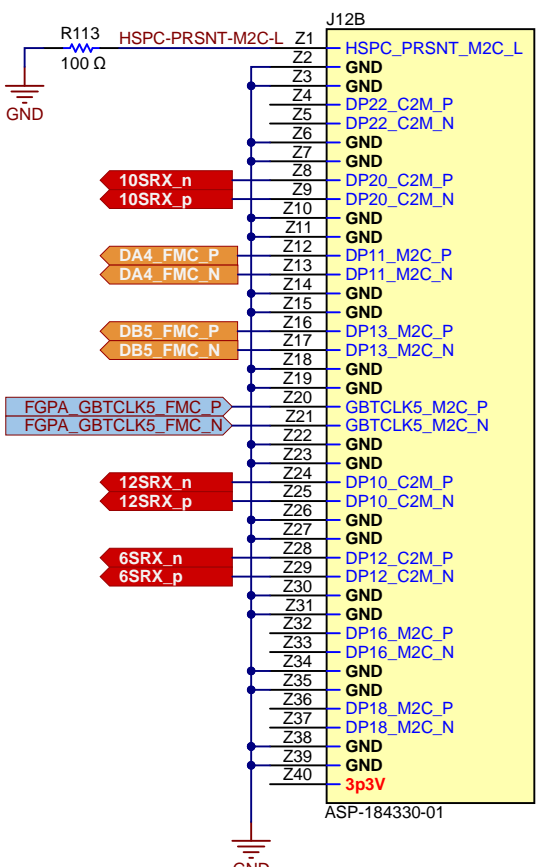
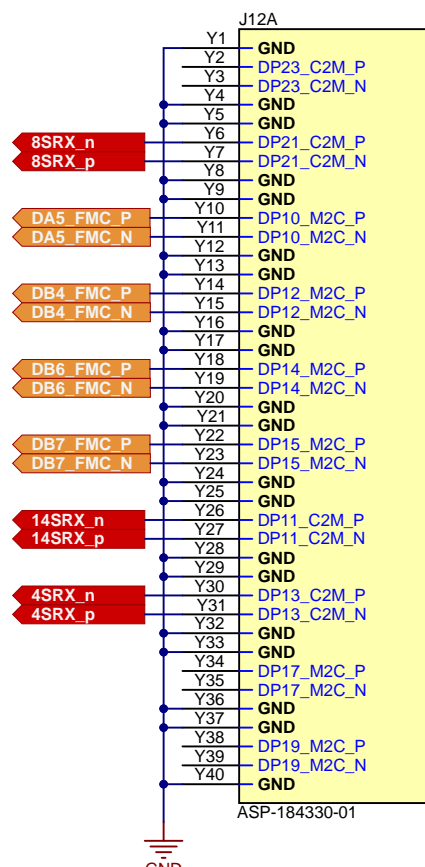
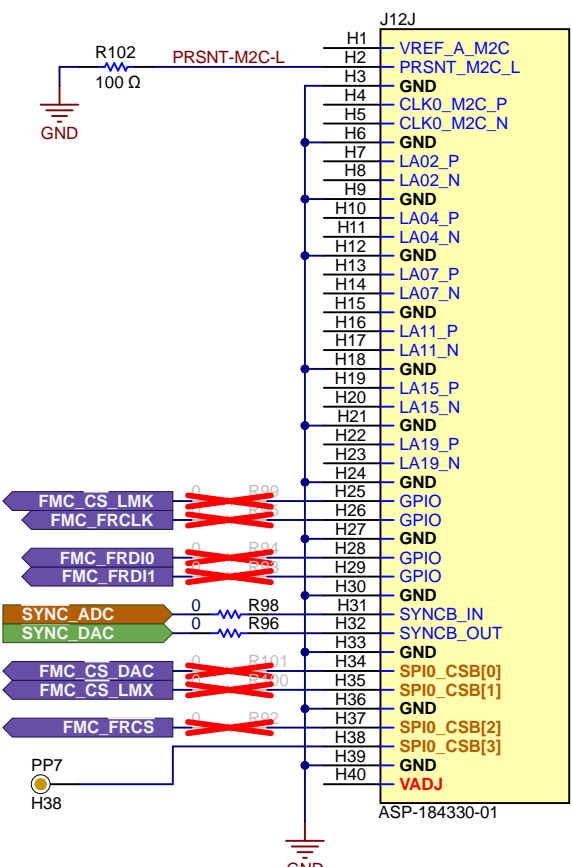
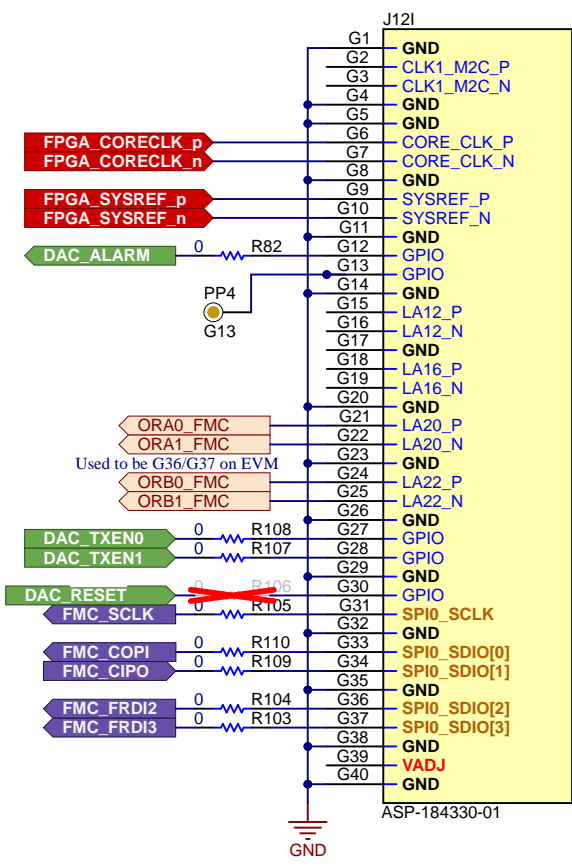
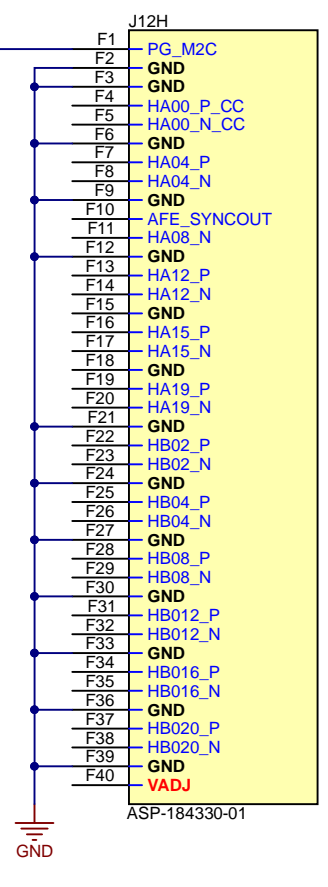
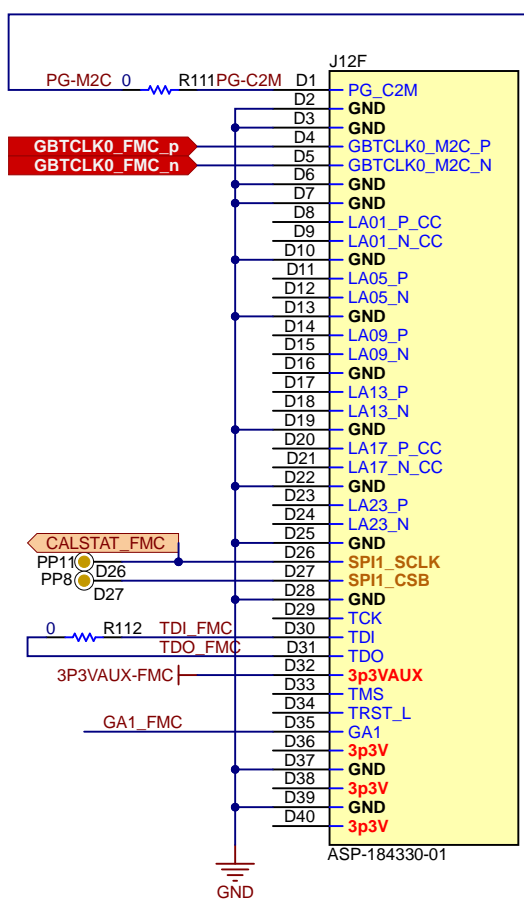
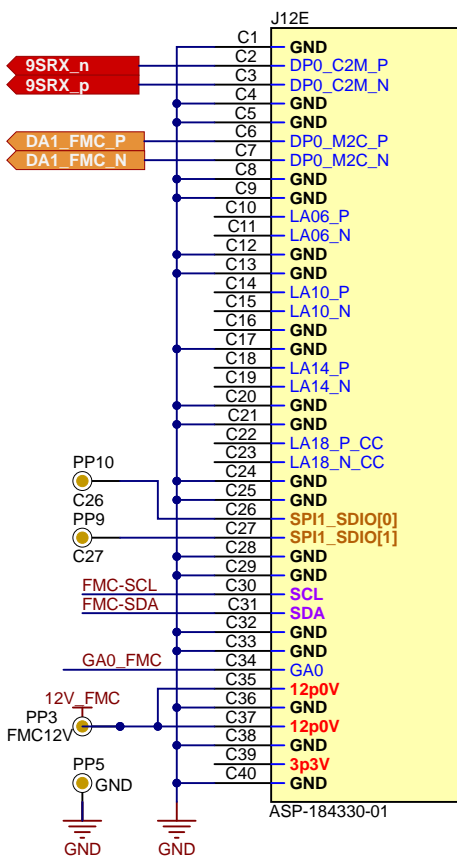
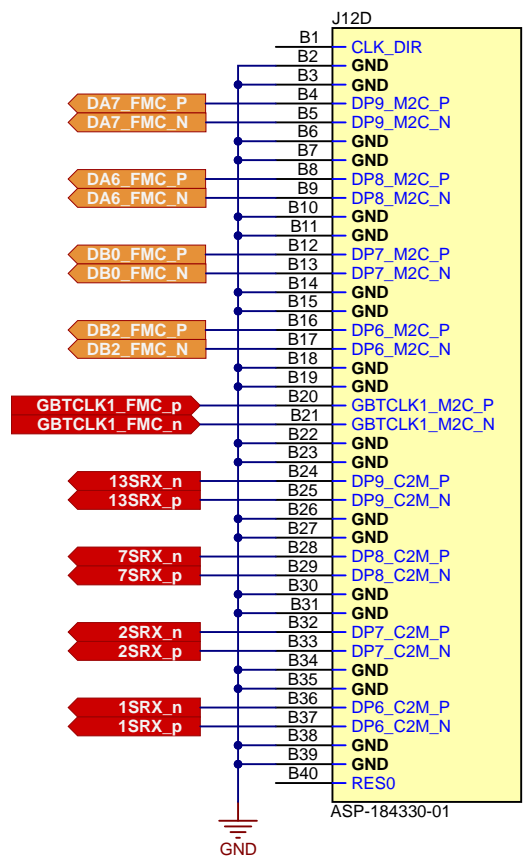
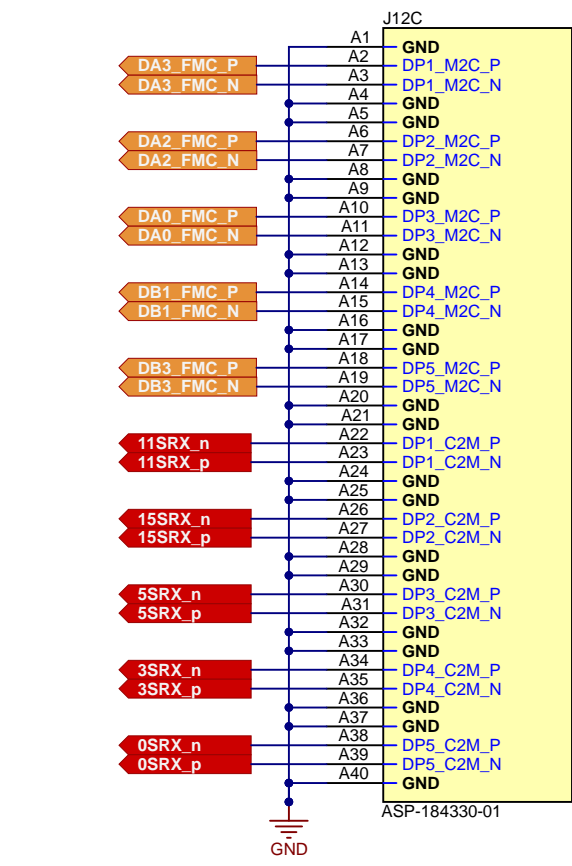
D

A

B

C

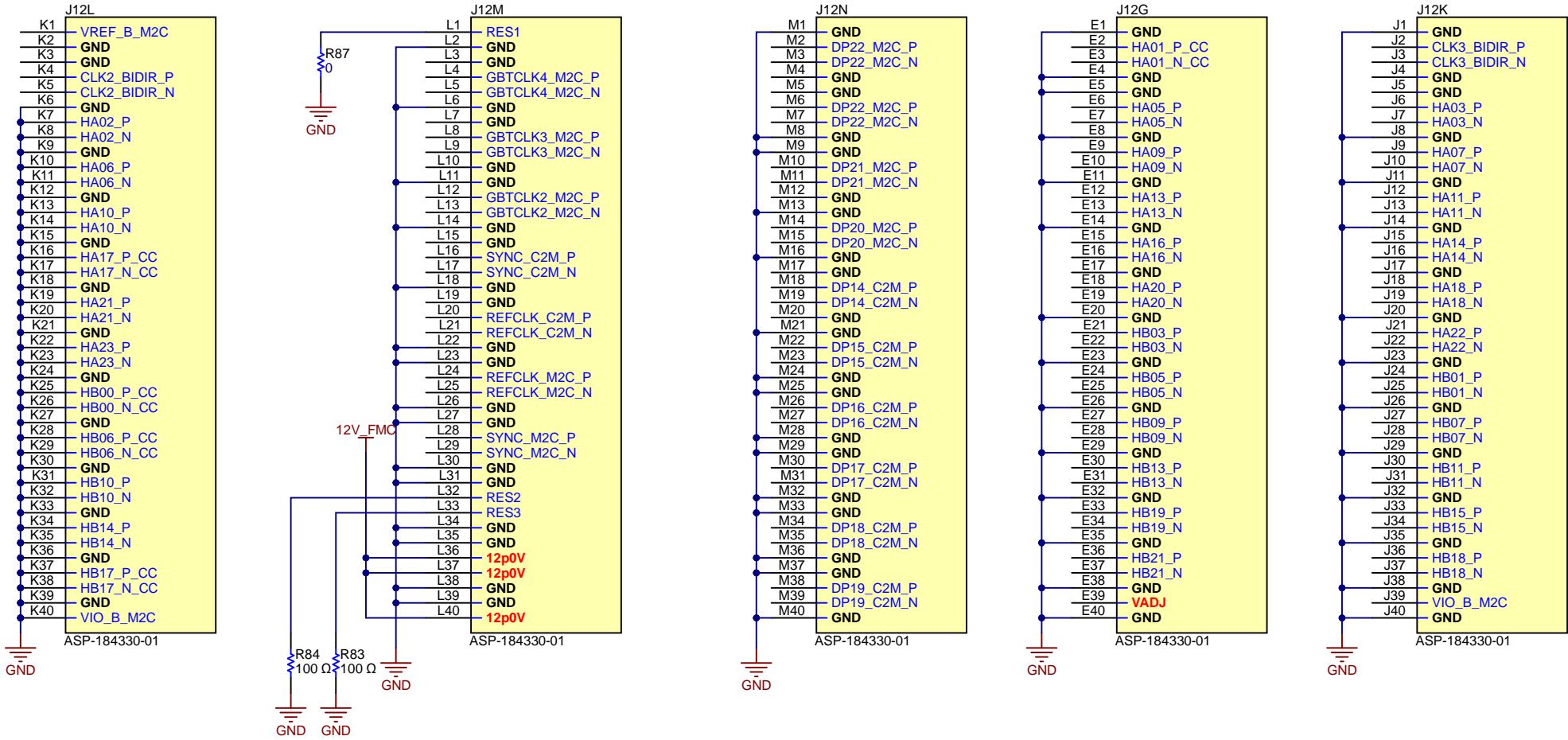
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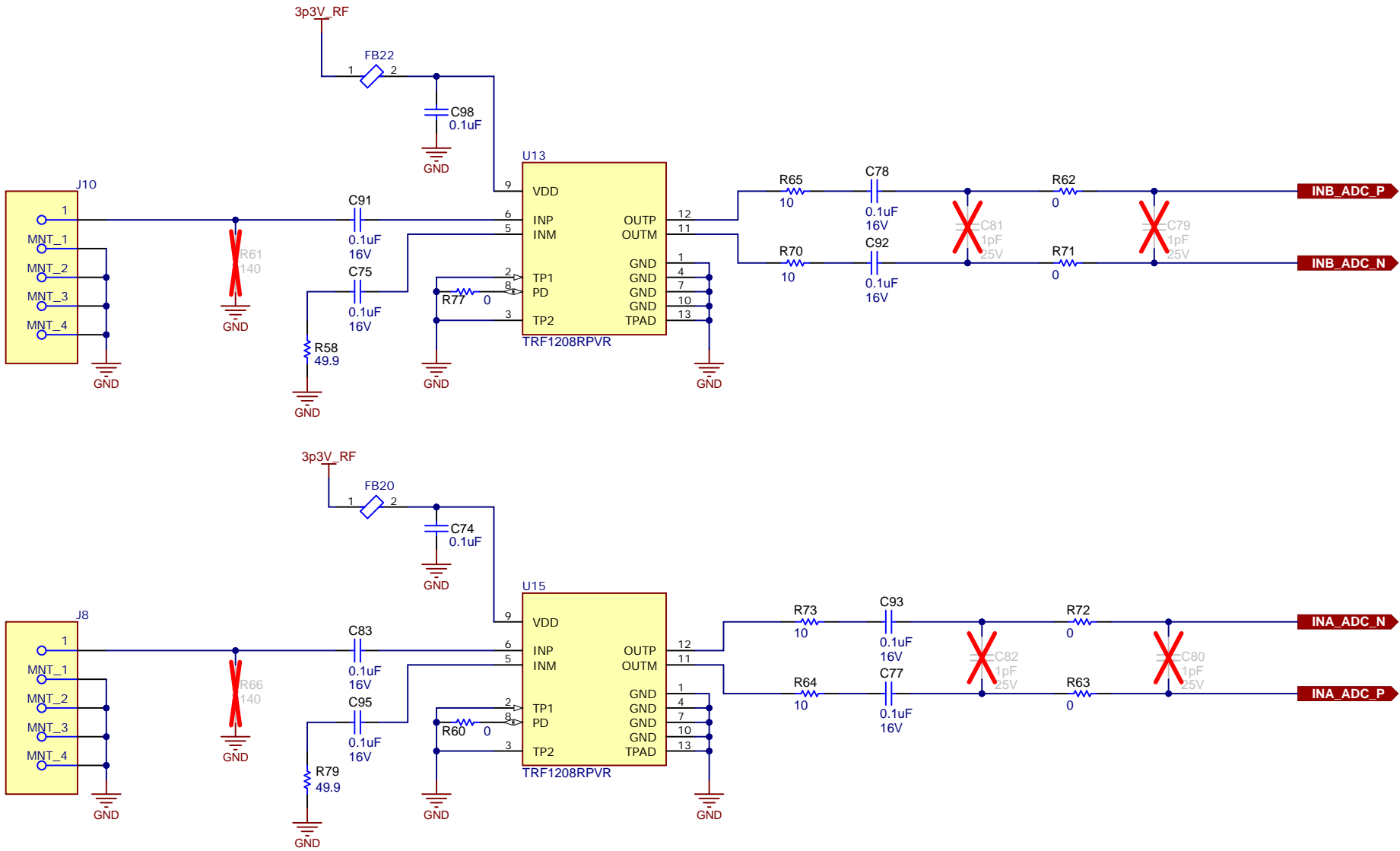
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TID #: TIDA-010274	Project Title: TIDA-010274 EVM	
Number: TIDA-010274	Rev: B	Sheet Title: FMC+ SerDes RevA.SchDoc
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 4 of 15
Drawn By: RJH	File: FMC+ SerDes RevA.SchDoc	Size: B
Engineer: RJH	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	<a href="http://www.ti.com">http://www.ti.com</a>

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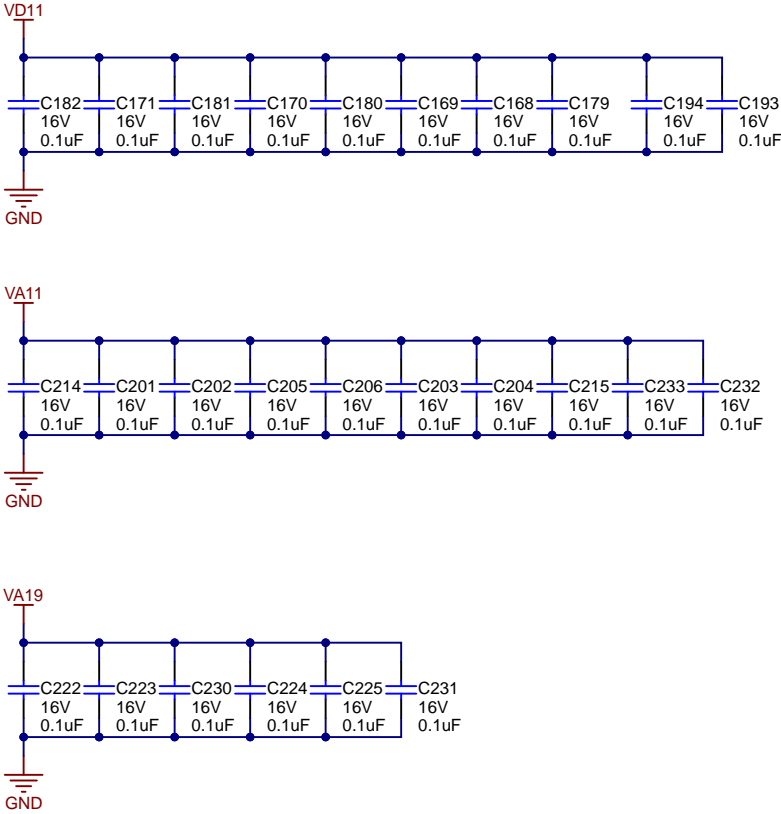
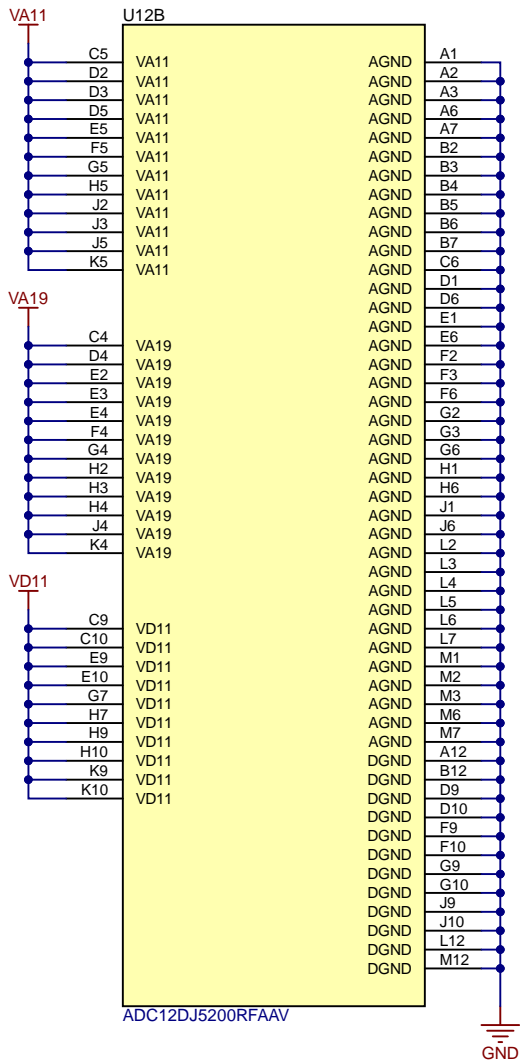


ADC12DJ5200 RF Inputs

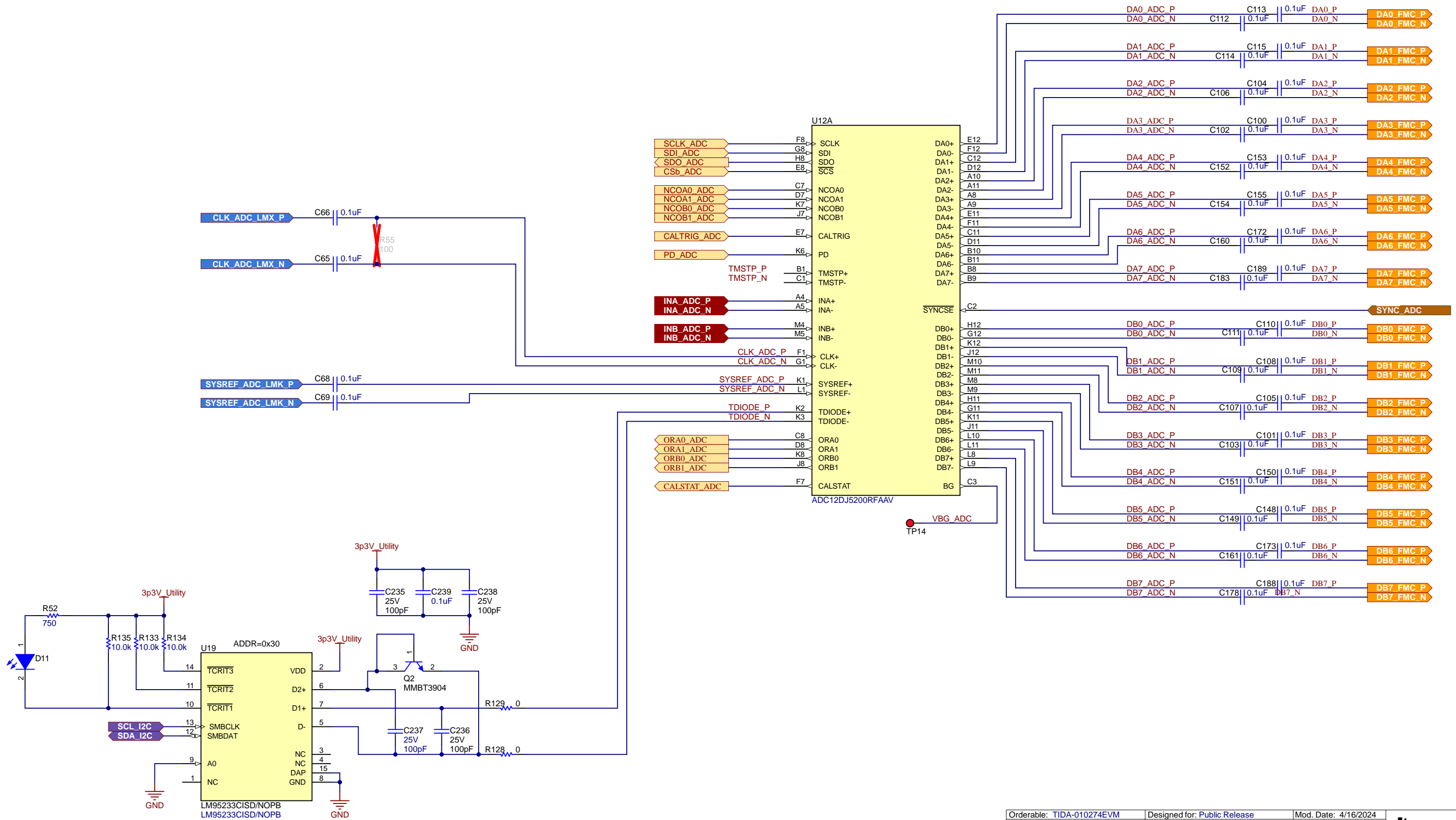


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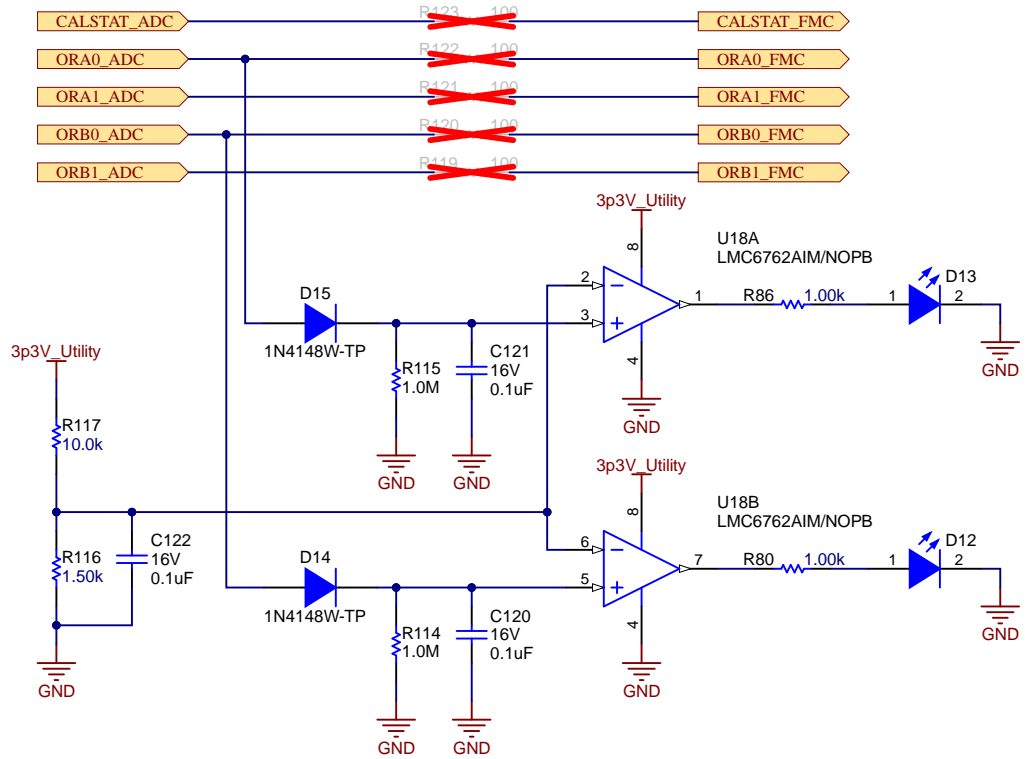
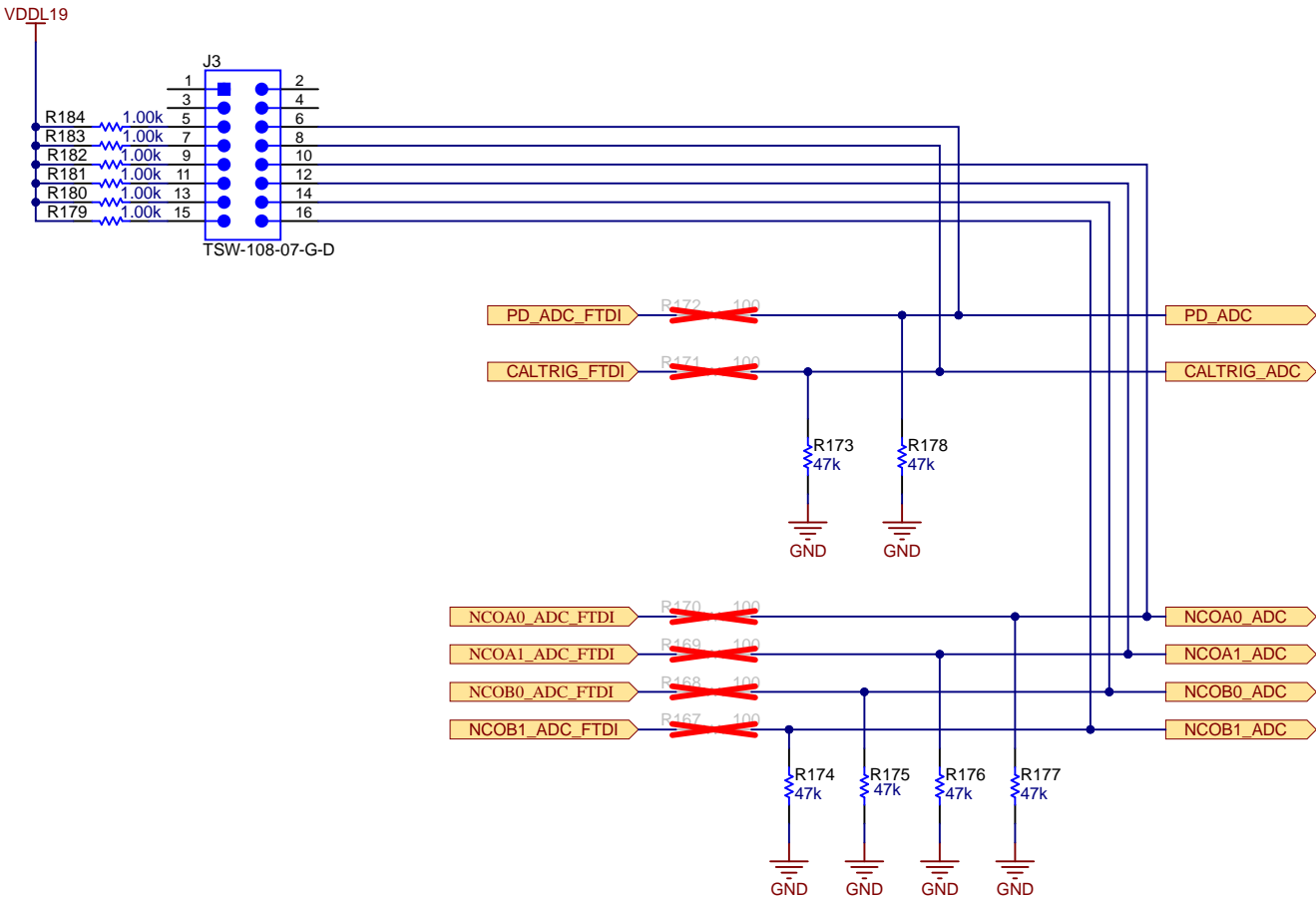
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SVN Rev: <a href="#">Not in version control</a>	Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">6</a> of <a href="#">15</a>
Drawn By: <a href="#">DWG</a>	File: <a href="#">ADC12DJ5200_Input.SchDoc</a>	Size: <a href="#">B</a>
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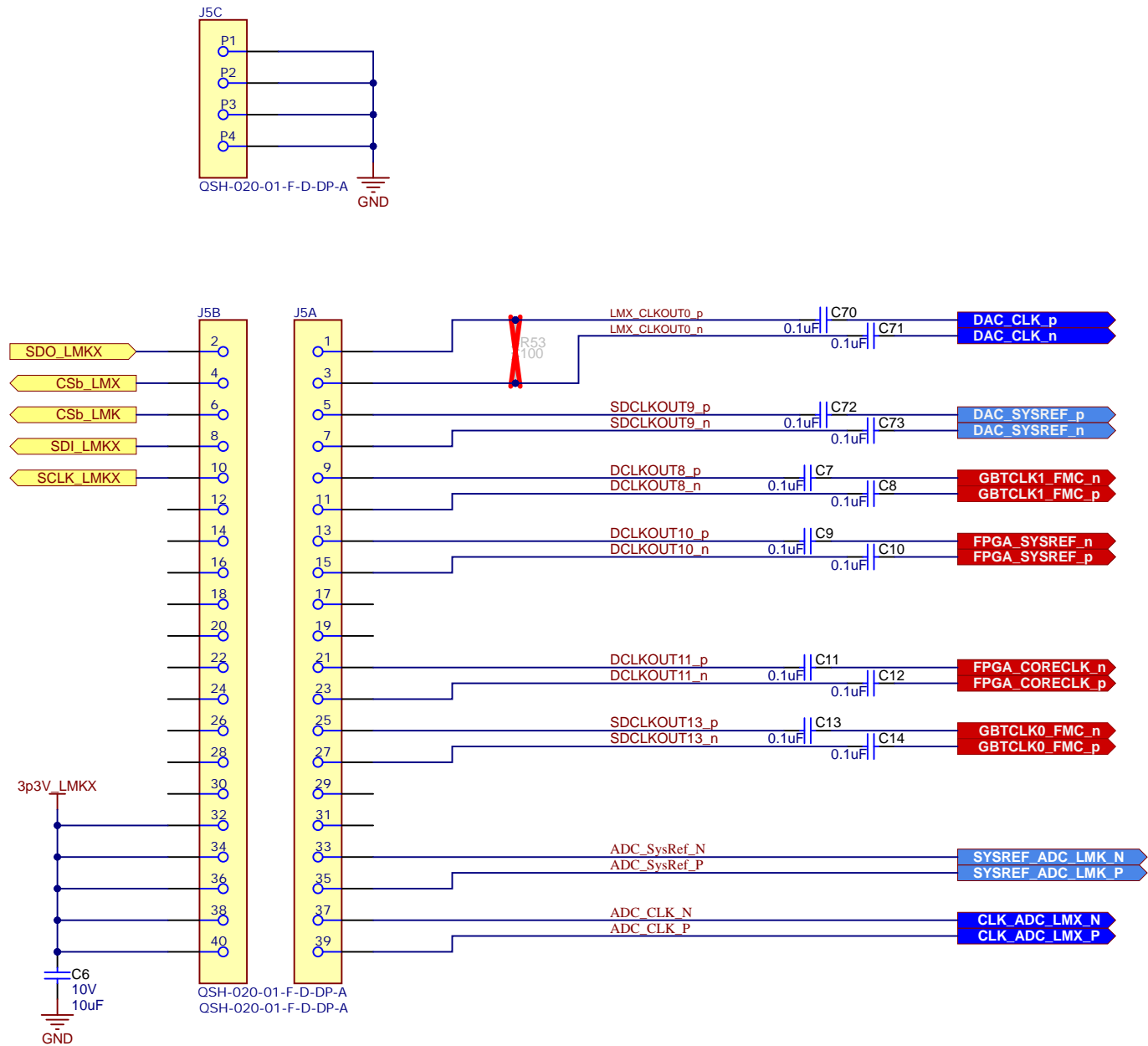








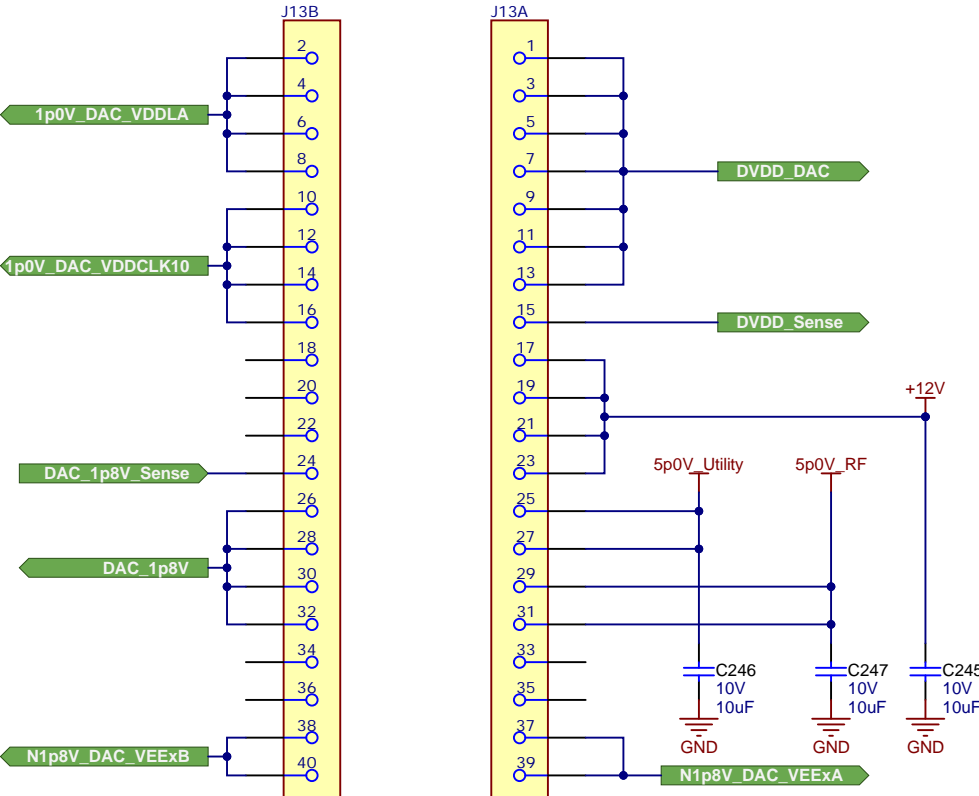
Clocking Distribution



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TID #: <a href="#">TIDA-010274</a>	Project Title: <a href="#">TIDA-010274 EVM</a>	
Number: <a href="#">TIDA-010274</a>	Rev: <a href="#">B</a>	Sheet Title: <a href="#">Clocking Distribution</a>
SVN Rev: Not in version control	Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">10</a> of <a href="#">15</a>
Drawn By: <a href="#">RJH</a>	File: <a href="#">Clocking Distribution.SchDoc</a>	Size: <a href="#">B</a>
Engineer: <a href="#">RJH</a>	Contact: <a href="#">http://www.ti.com/support</a>	

DAC Power Monitoring

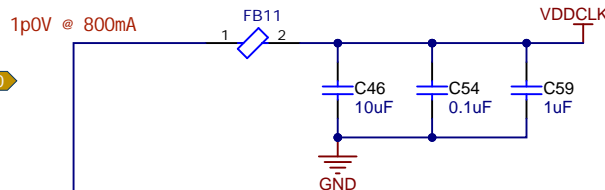
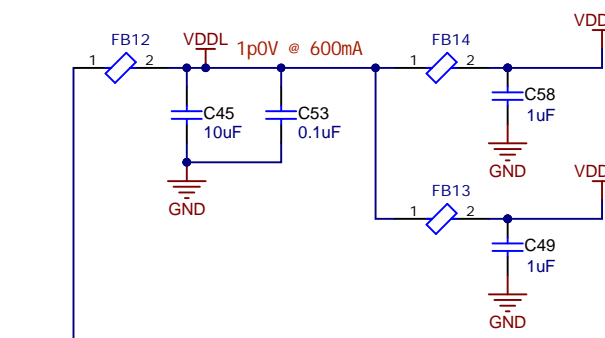
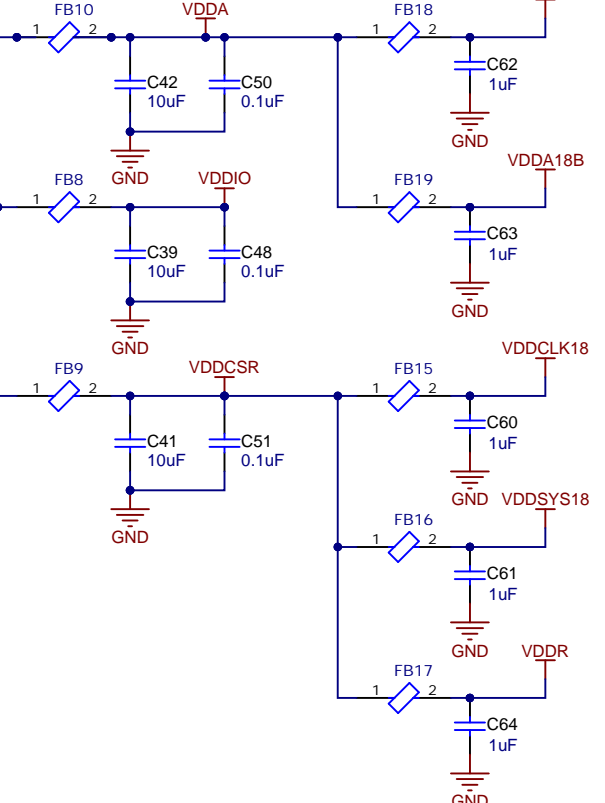
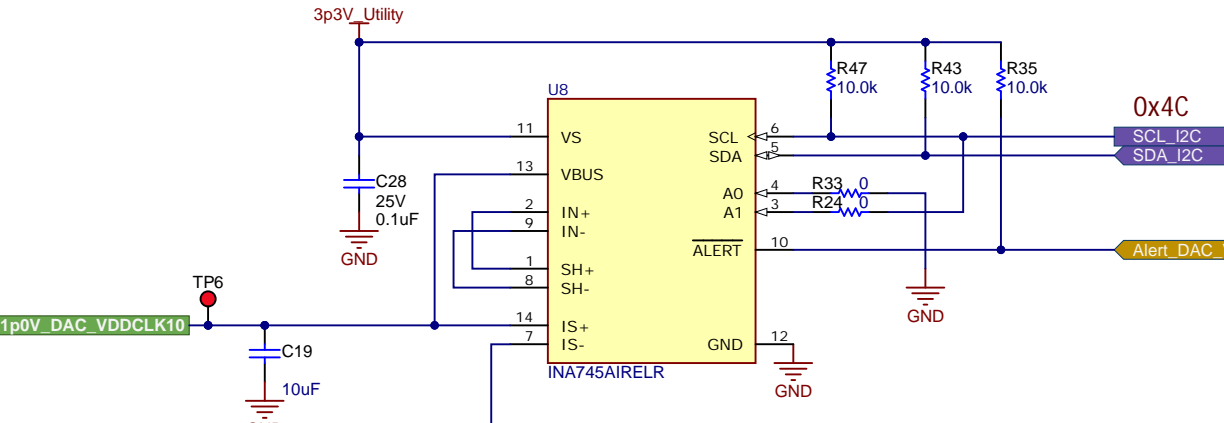
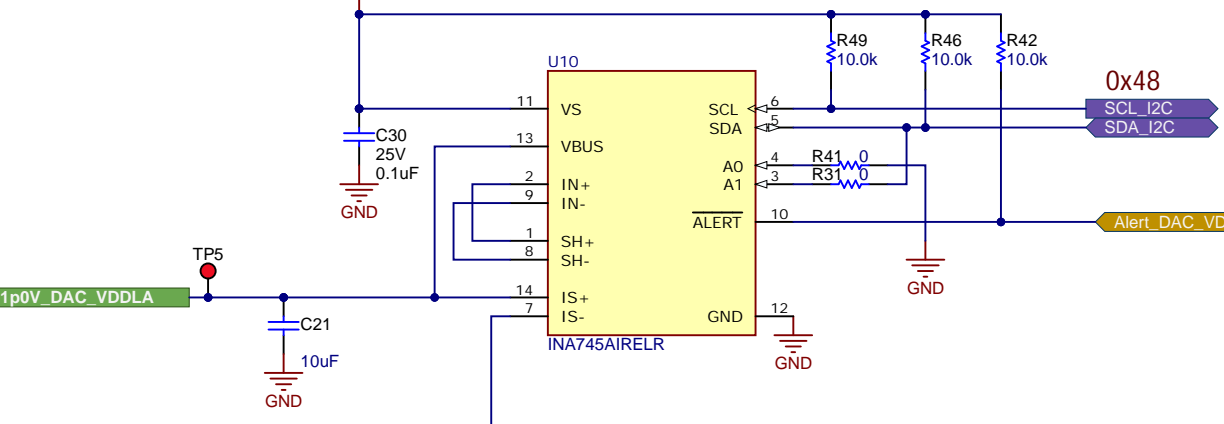
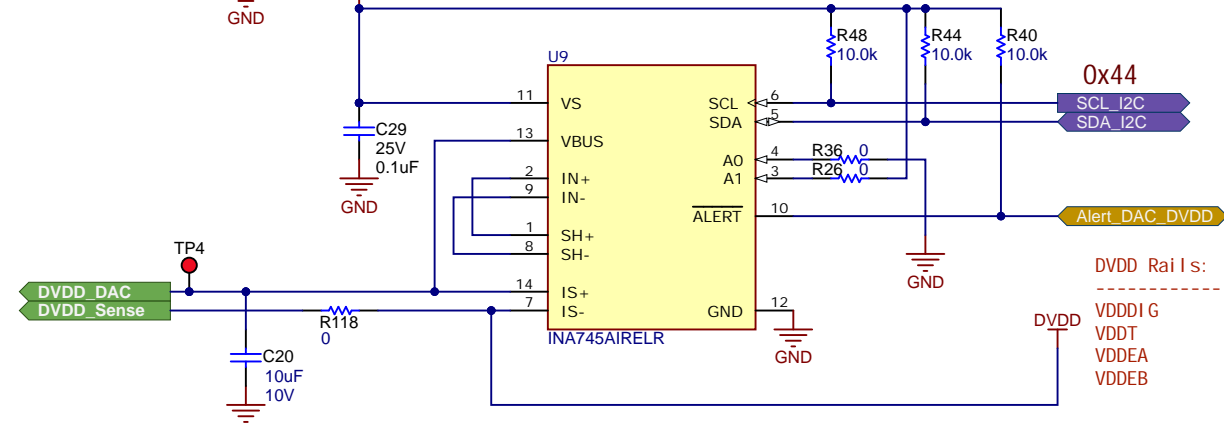
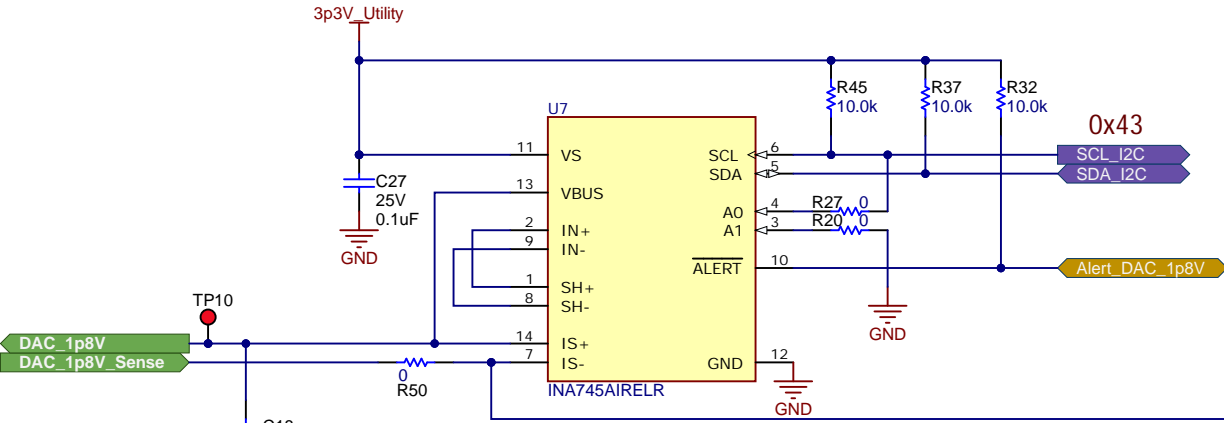
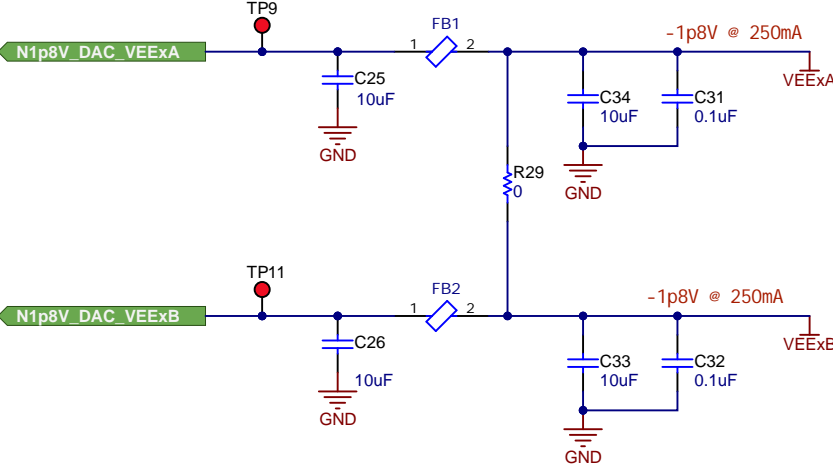


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QSH-020-01-F-D-DP-A

QSH-020-01-F-D-DP-A

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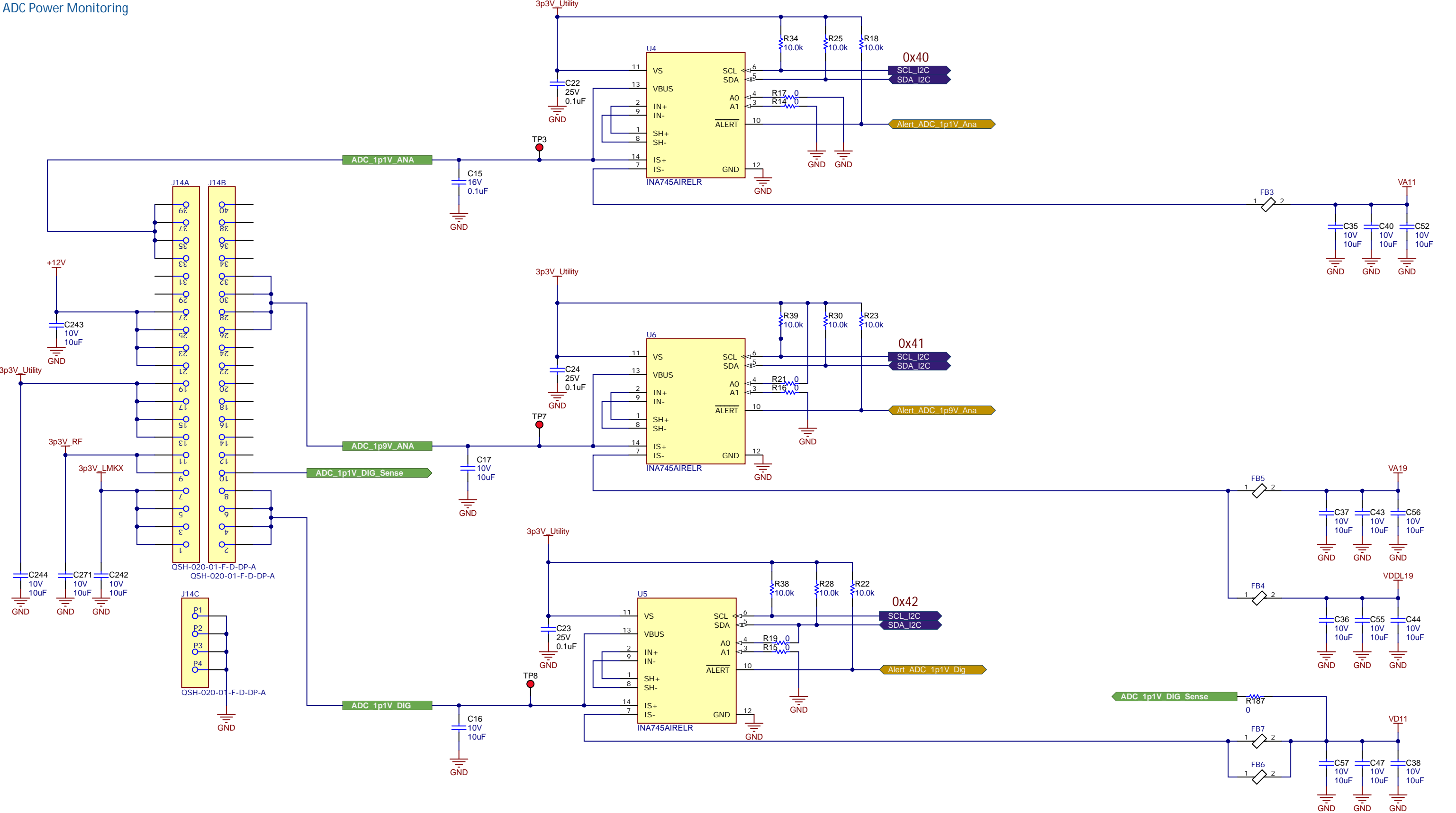


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TID #: TIDA-010274	Project Title: TIDA-010274 EVM	
Number: TIDA-010274	Rev: B	Sheet Title: DAC Power Distribution
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 11 of 15
Drawn By: RJH	File: DAC Power Distribution.SchDoc	Size: B
Engineer: RJH	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	



ADC Power Monitoring



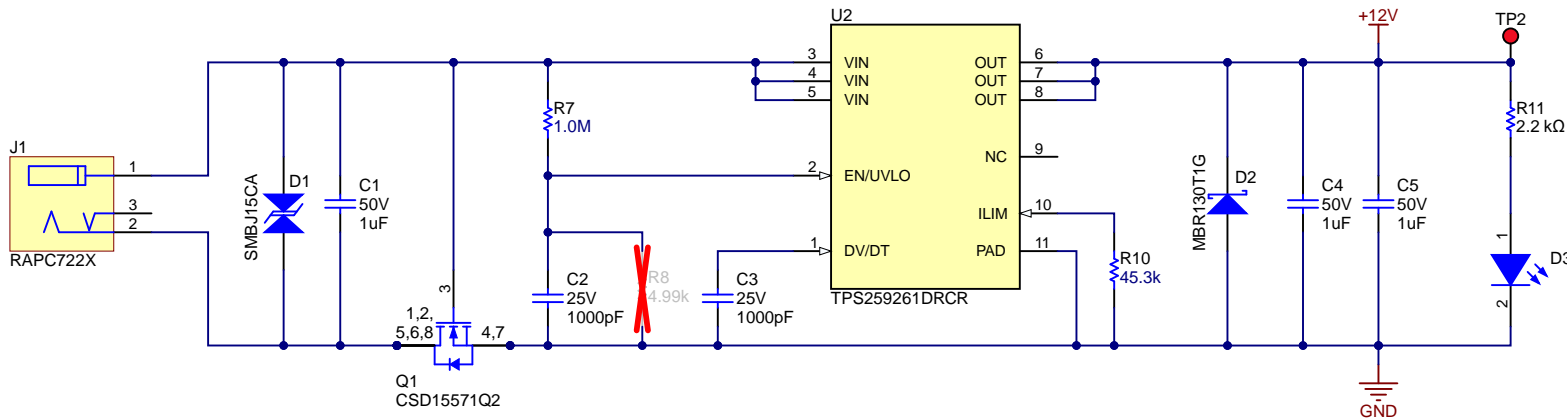
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TID #: TIDA-010274	Project Title: TIDA-010274 EVM	
Number: TIDA-010274	Rev: B	Sheet Title: ADC Power Distribution
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 12 of 15
Drawn By: DWG	File: ADC Power Distribution.SchDoc	Size: B
Engineer: RJH	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	

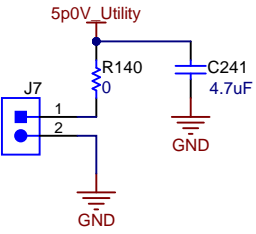


12V Input, HW, and Monitoring

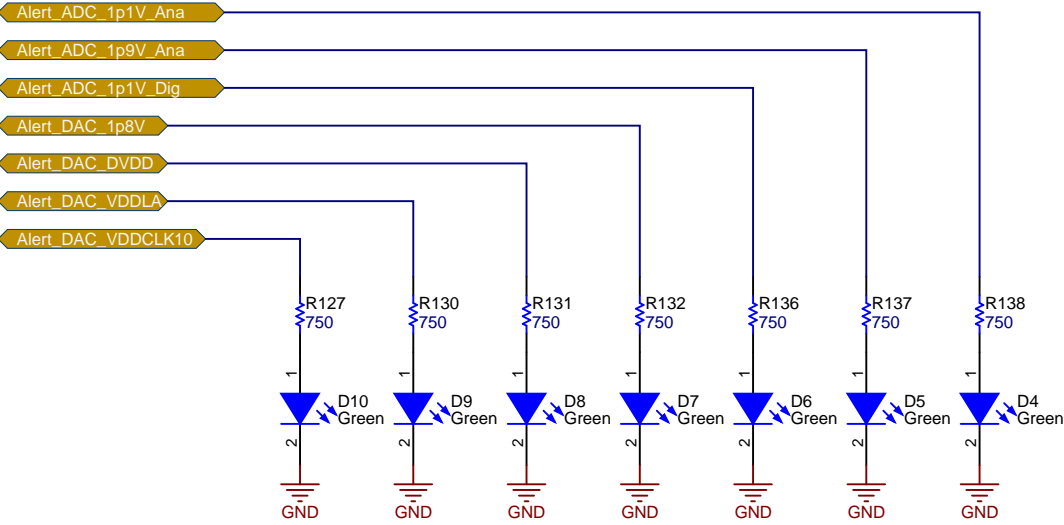
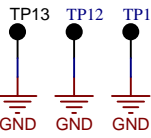
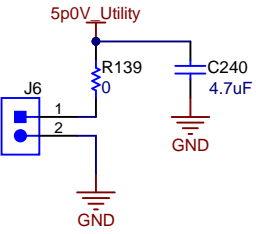
Barrel 12V Power Input Protection



ADC Fan Power



DAC Fan Power



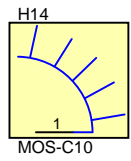
I2C Addresses

Supply	Chip	Addr
ADC_1p1V_ANA	INA745A	0x40
ADC_1p9V_ANA	INA745A	0x41
ADC_1p1V_DIG	INA745A	0x42
DAC_1p8V	INA745A	0x43
DVDD_DAC	INA745A	0x44
1p0V_DAC_VDDL A	INA745A	0x48
1p0V_DAC_VDDCLK	INA745A	0x4C
ADC Temp Sensor	LM95233	0x30

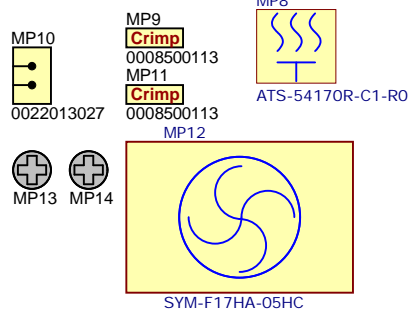
Mechanical Hardware

PCB Number: TIDA-010274  
PCB Rev: B

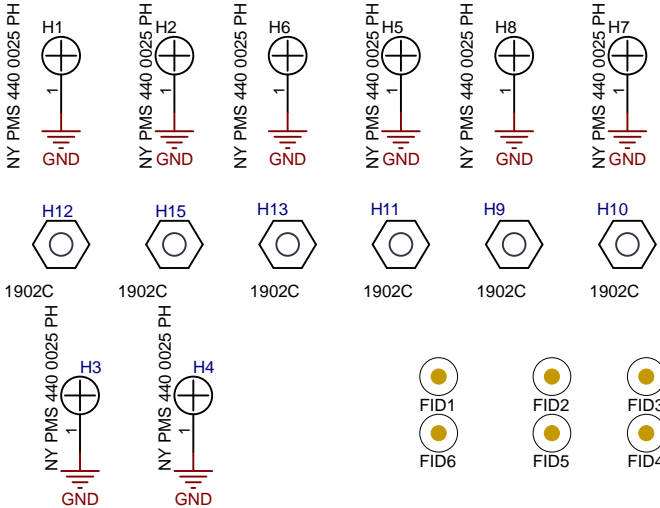
ADC HEATSINK



DAC FANSINK



FanNotes1  
Fan Assembly Notes  
See File : \*\*ADD FILE NAME HERE\*\*



PCB LOGO  
FCC disclaimer  
WEEE logo

PCB LOGO  
Texas Instruments  
FCC disclaimer

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

ZZ2  
Label Assembly Note  
This Assembly Note is for PCB labels only

ZZ1  
Assembly Note  
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified. These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ6  
Assembly Note  
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ4  
Assembly Note  
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ5  
Assembly Note  
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

USB interface

A

B

C

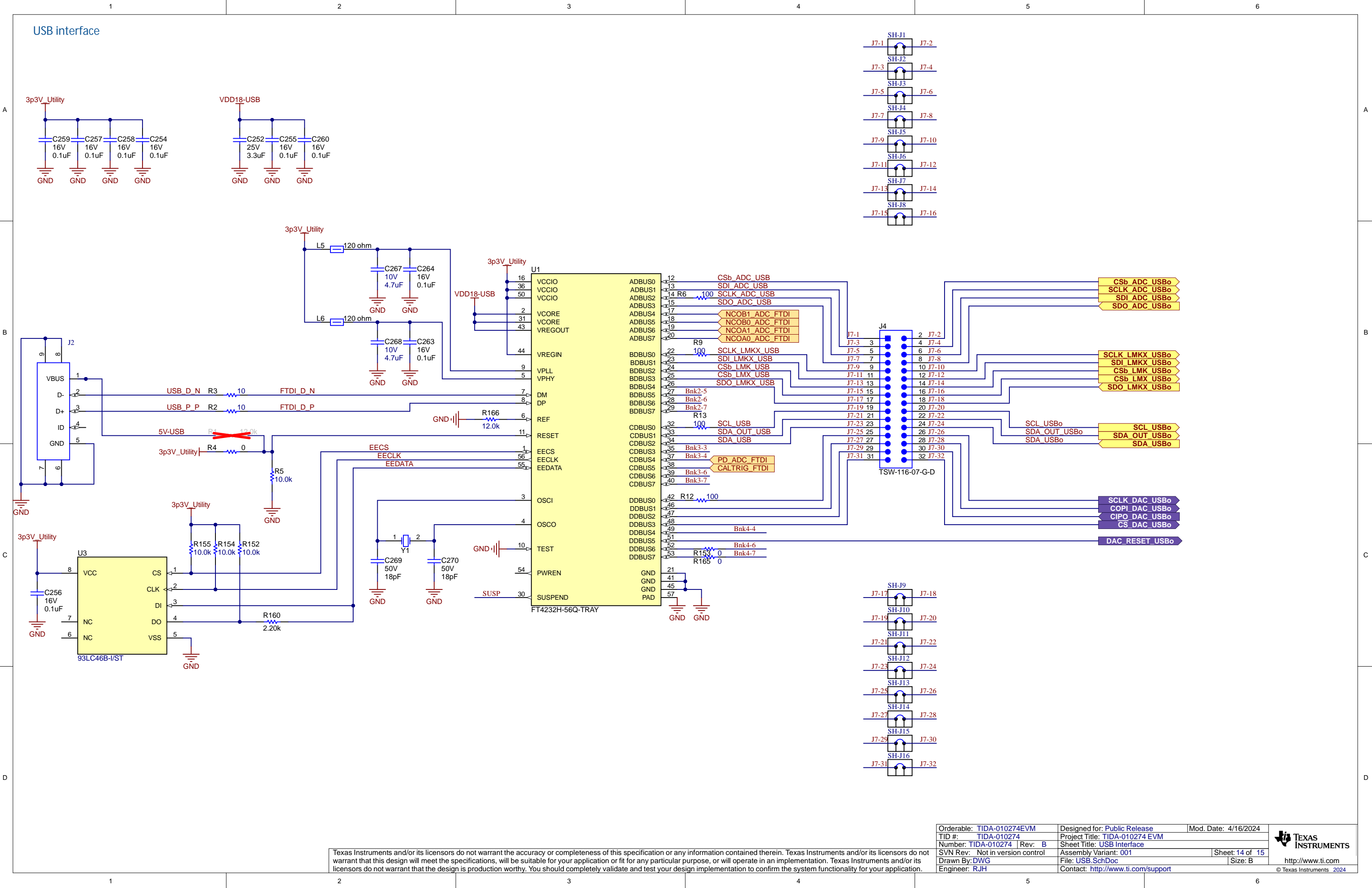
D

A

B

C

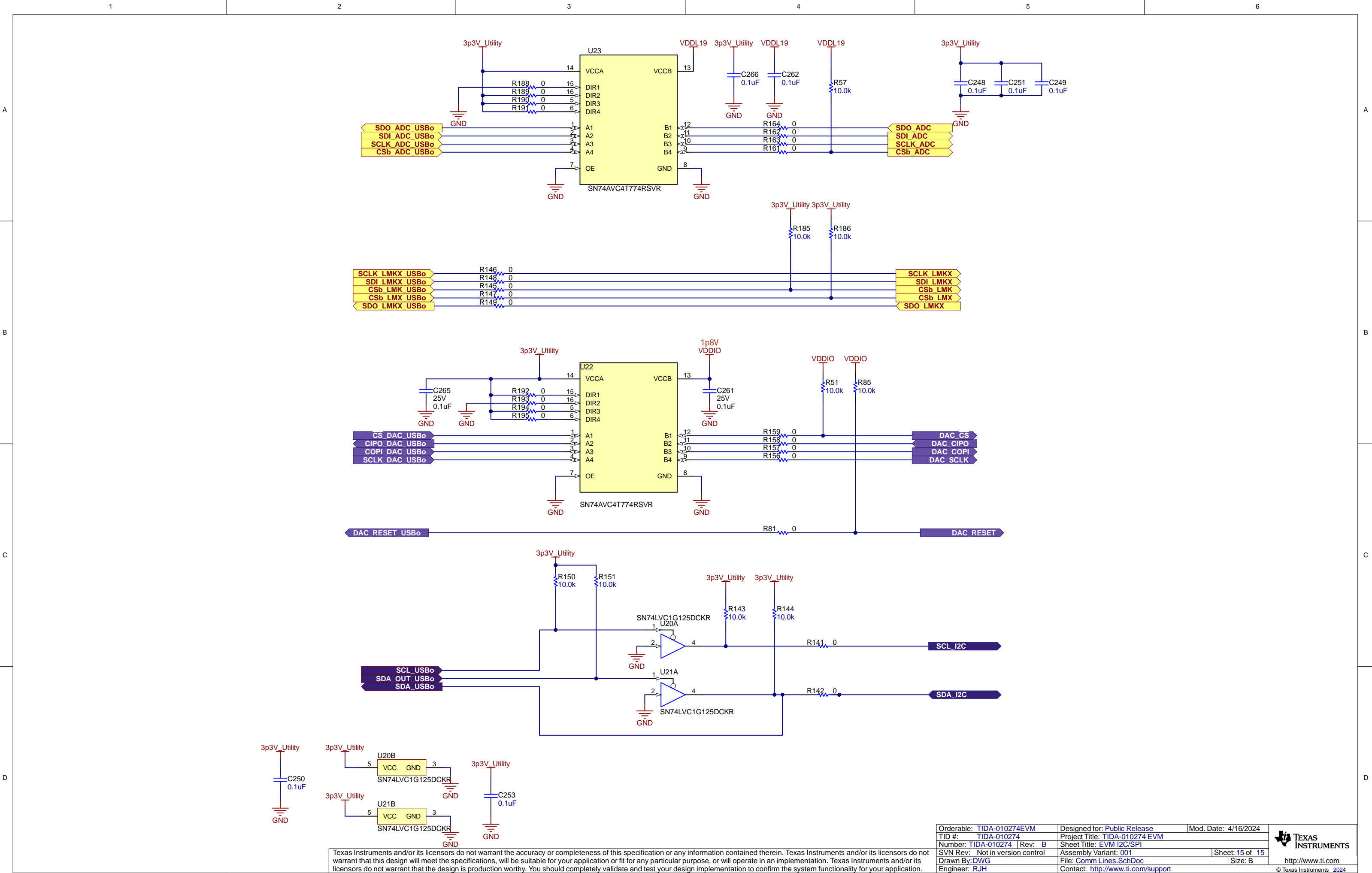
D



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TID #: TIDA-010274	Project Title: TIDA-010274 EVM	
Number: TIDA-010274	Rev: B	Sheet Title: USB Interface
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 14 of 15
Drawn By: DWG	File: USB.SchDoc	Size: B
Engineer: RJH	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	© Texas Instruments 2024





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TID #: TIDA-010274	Project Title: TIDA-010274 EVM	
Number: TIDA-010274	Rev: B	Sheet Title: EVM I2C/SPI
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 15 of 15
Drawn By: DWG	File: Comm Lines.SchDoc	Size: B
Engineer: RJH	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	