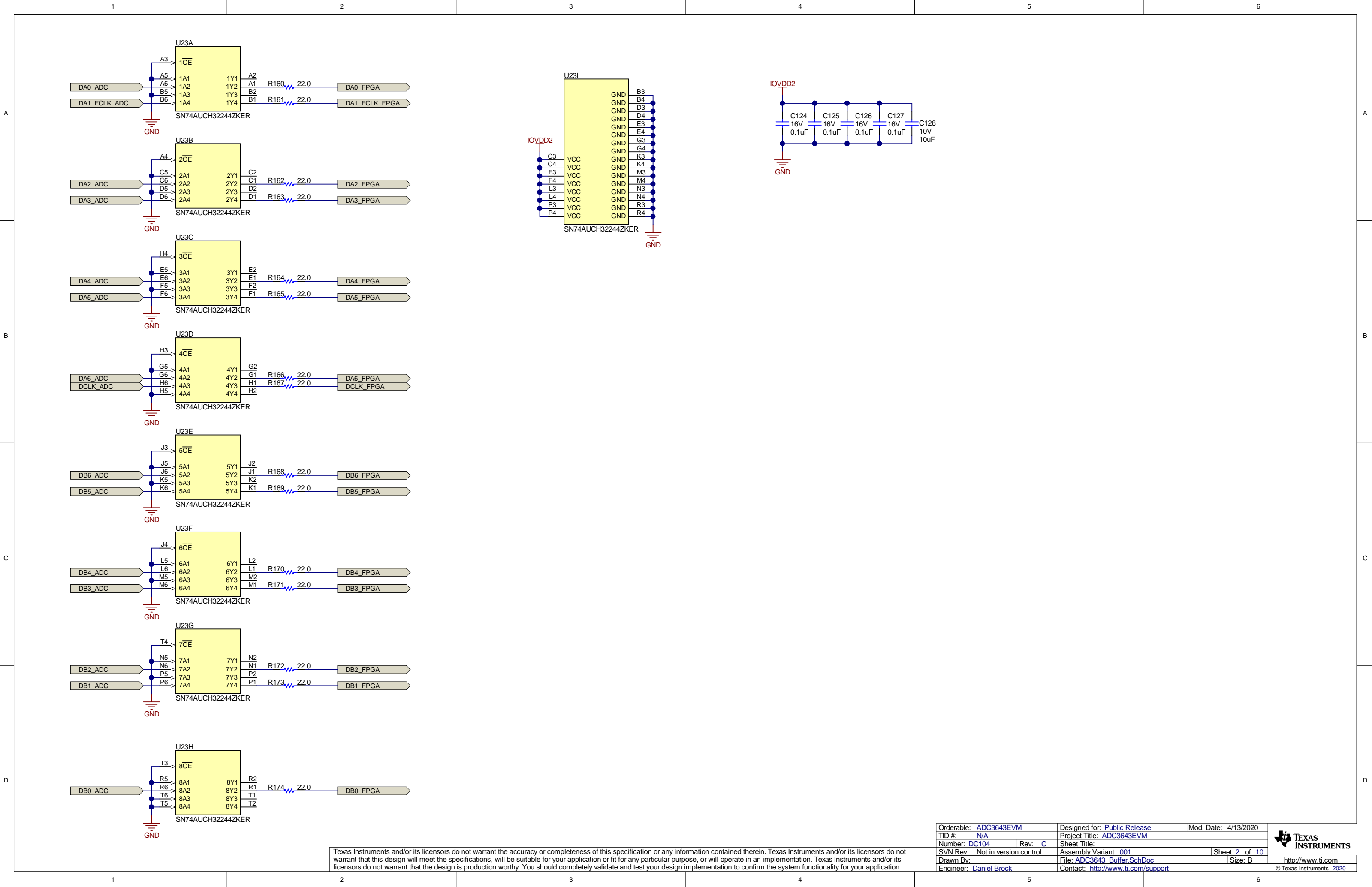


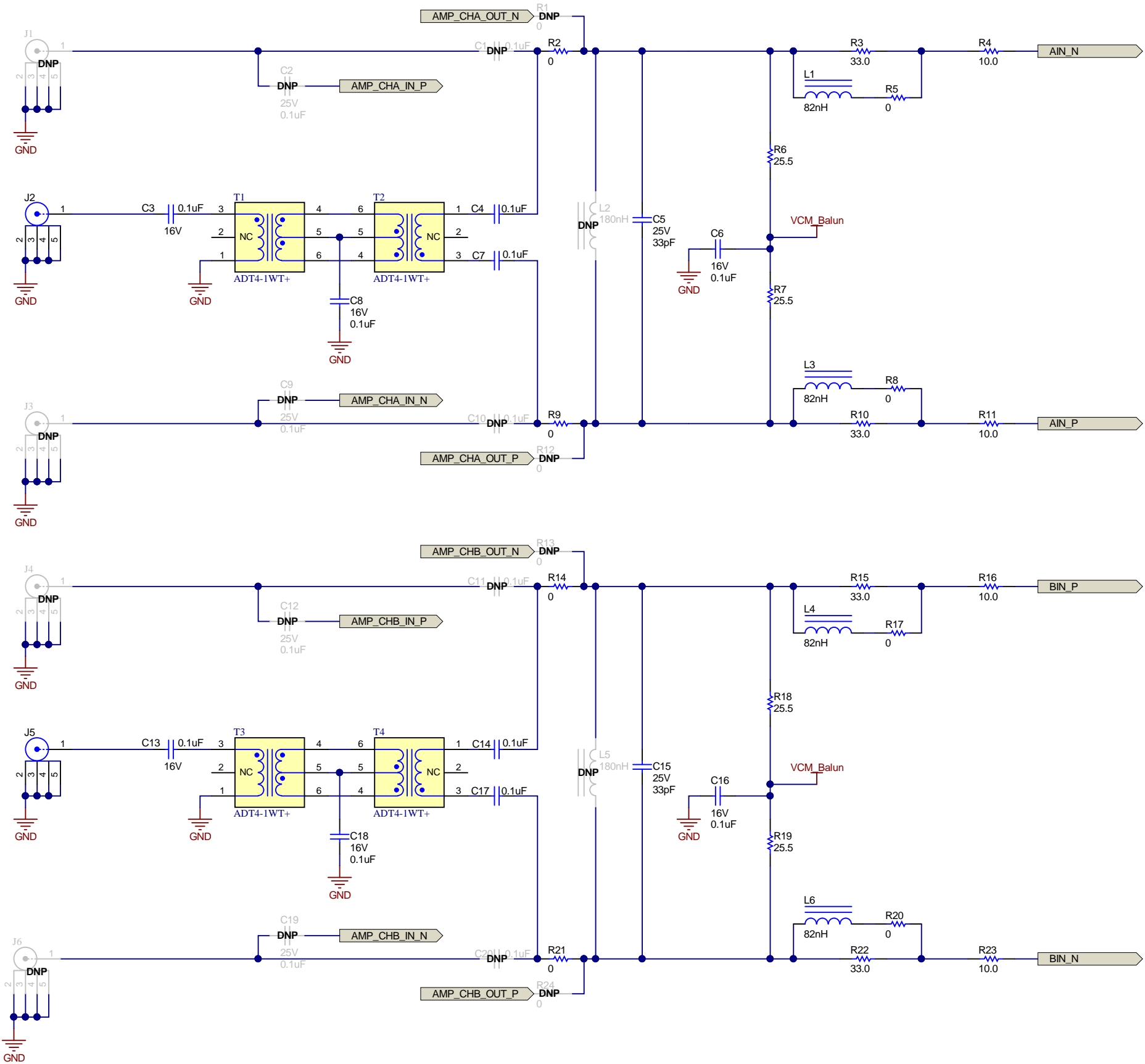
Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: ADC3643EVM	Designed for: Public Release	Mod. Date: 4/13/2020
TID #: N/A	Project Title: ADC3643EVM	
Number: DC104	Rev: C	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 1 of 10
Drawn By:	File: ADC3643_Device.SchDoc	Size: B
Engineer: Daniel Brock	Contact: http://www.ti.com/support	



Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

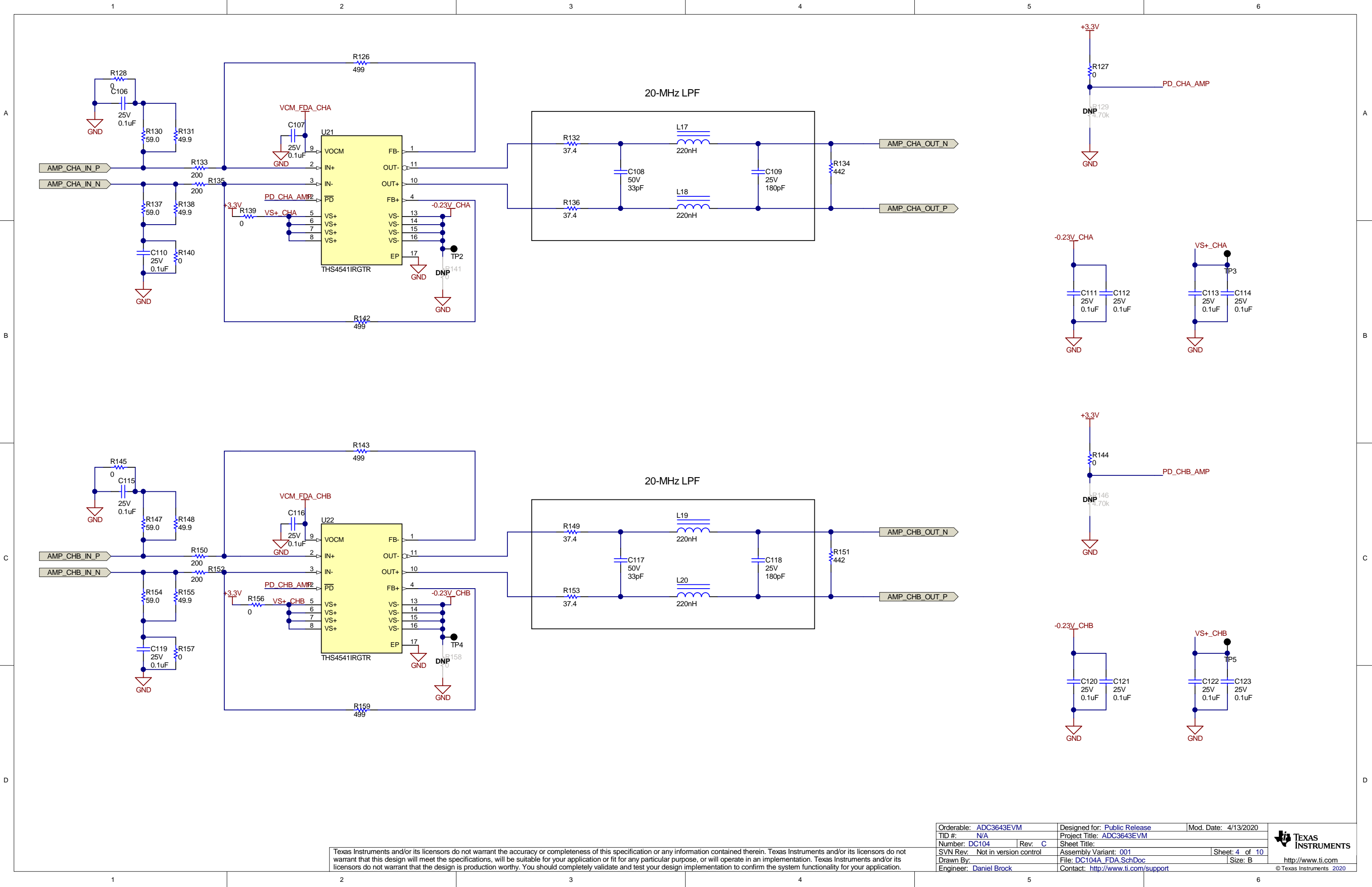
Orderable: ADC3643EVM	Designed for: Public Release	Mod. Date: 4/13/2020
TID #: N/A	Project Title: ADC3643EVM	
Number: DC104	Rev: C	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 2 of 10
Drawn By:	File: ADC3643_Buffer.SchDoc	Size: B
Engineer: Daniel Brock	Contact: http://www.ti.com/support	



Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

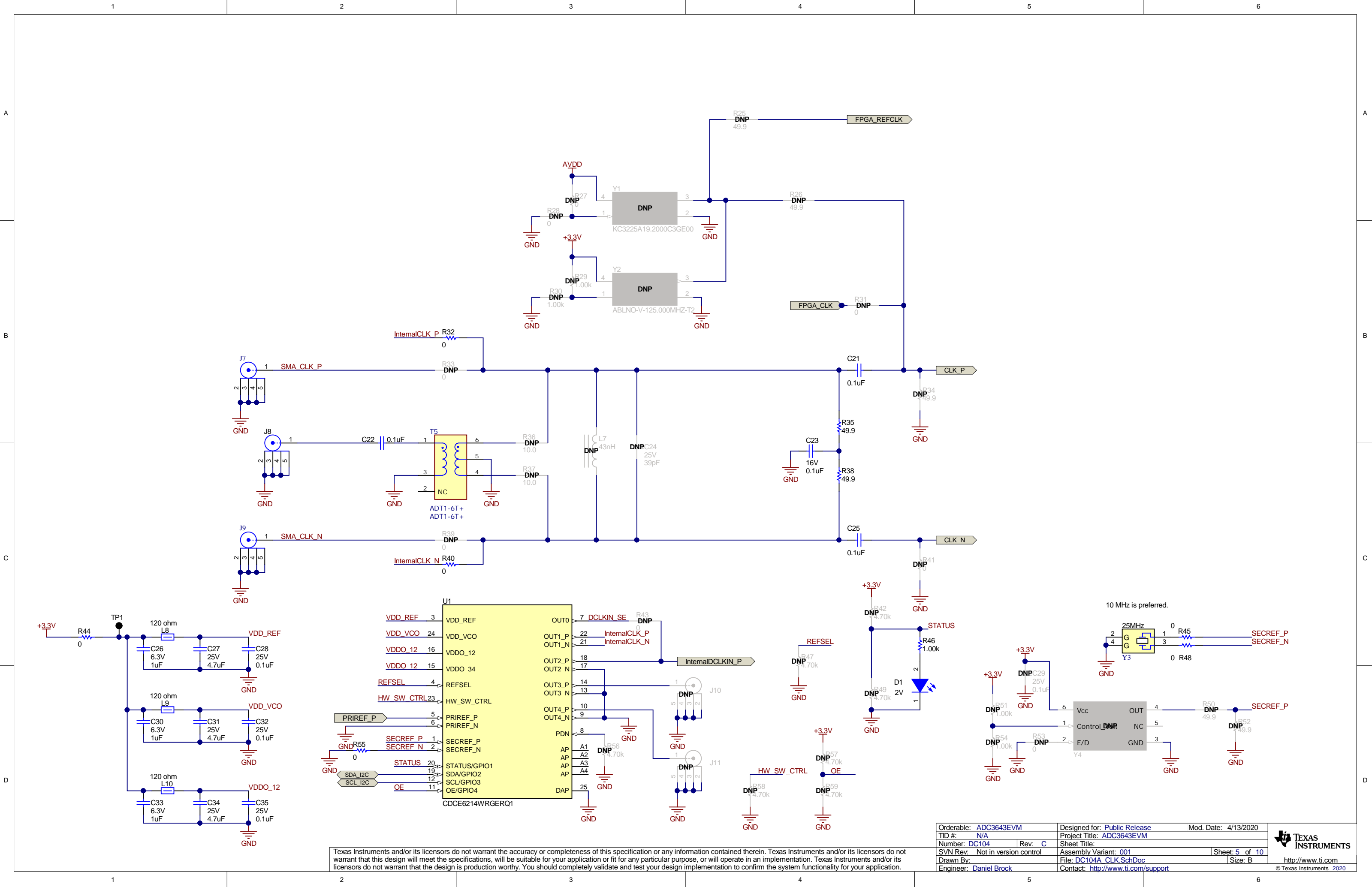
Orderable: ADC3643EVM	Designed for: Public Release	Mod. Date: 4/13/2020
TID #: N/A	Project Title: ADC3643EVM	
Number: DC104	Rev: C	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 3 of 10
Drawn By:	File: DC104A_Balun.SchDoc	Size: B
Engineer: Daniel Brock	Contact: http://www.ti.com/support	http://www.ti.com © Texas Instruments 2020





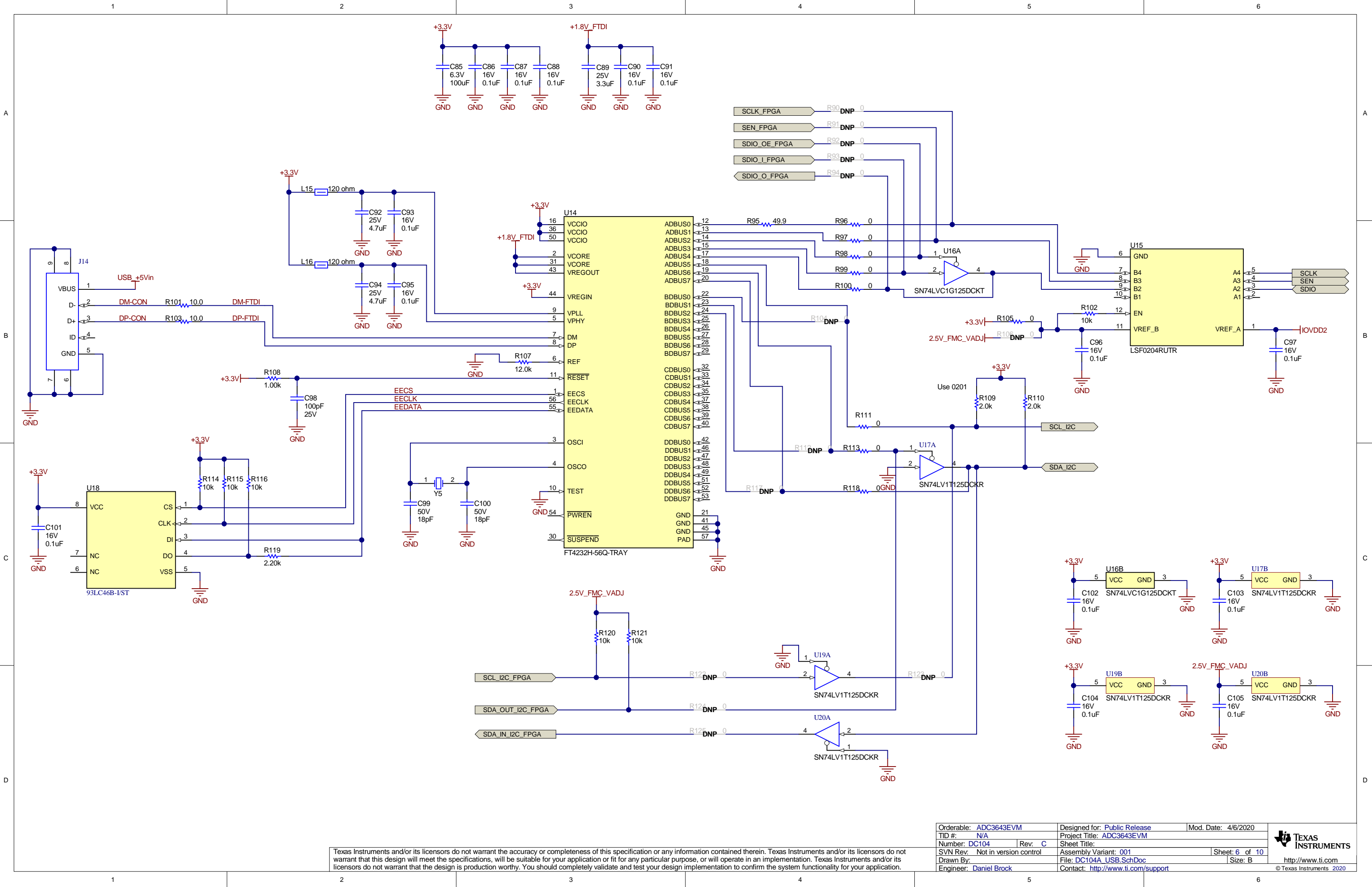
Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: ADC3643EVM	Designed for: Public Release	Mod. Date: 4/13/2020
TID #: N/A	Project Title: ADC3643EVM	
Number: DC104	Rev: C	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 4 of 10
Drawn By:	File: DC104A_FDA.SchDoc	Size: B
Engineer: Daniel Brock	Contact: http://www.ti.com/support	

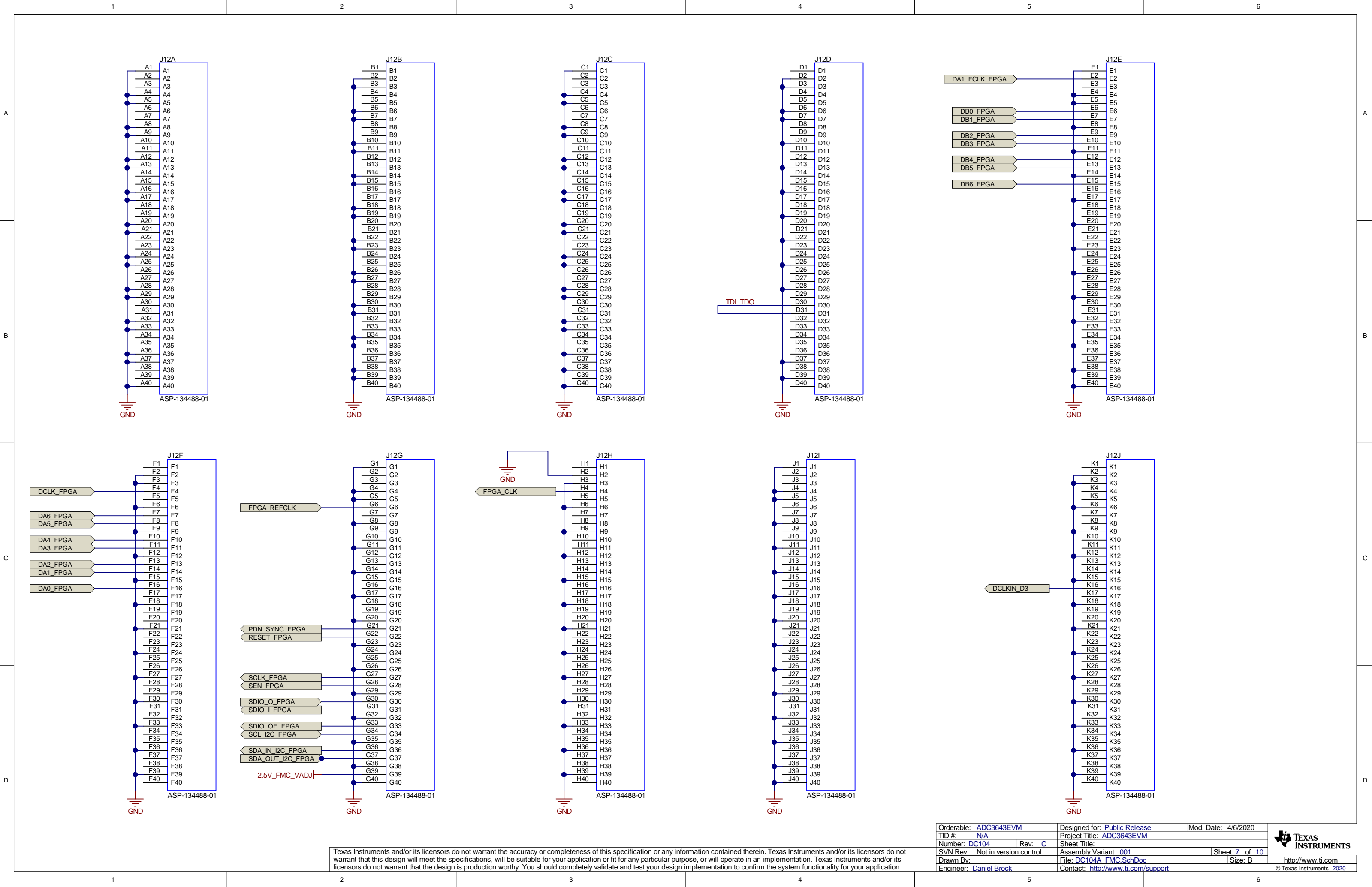


Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: ADC3643EVM	Designed for: Public Release	Mod. Date: 4/13/2020
TID #: N/A	Project Title: ADC3643EVM	
Number: DC104	Rev: C	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 5 of 10
Drawn By:	File: DC104A_CLK.SchDoc	Size: B
Engineer: Daniel Brock	Contact: http://www.ti.com/support	

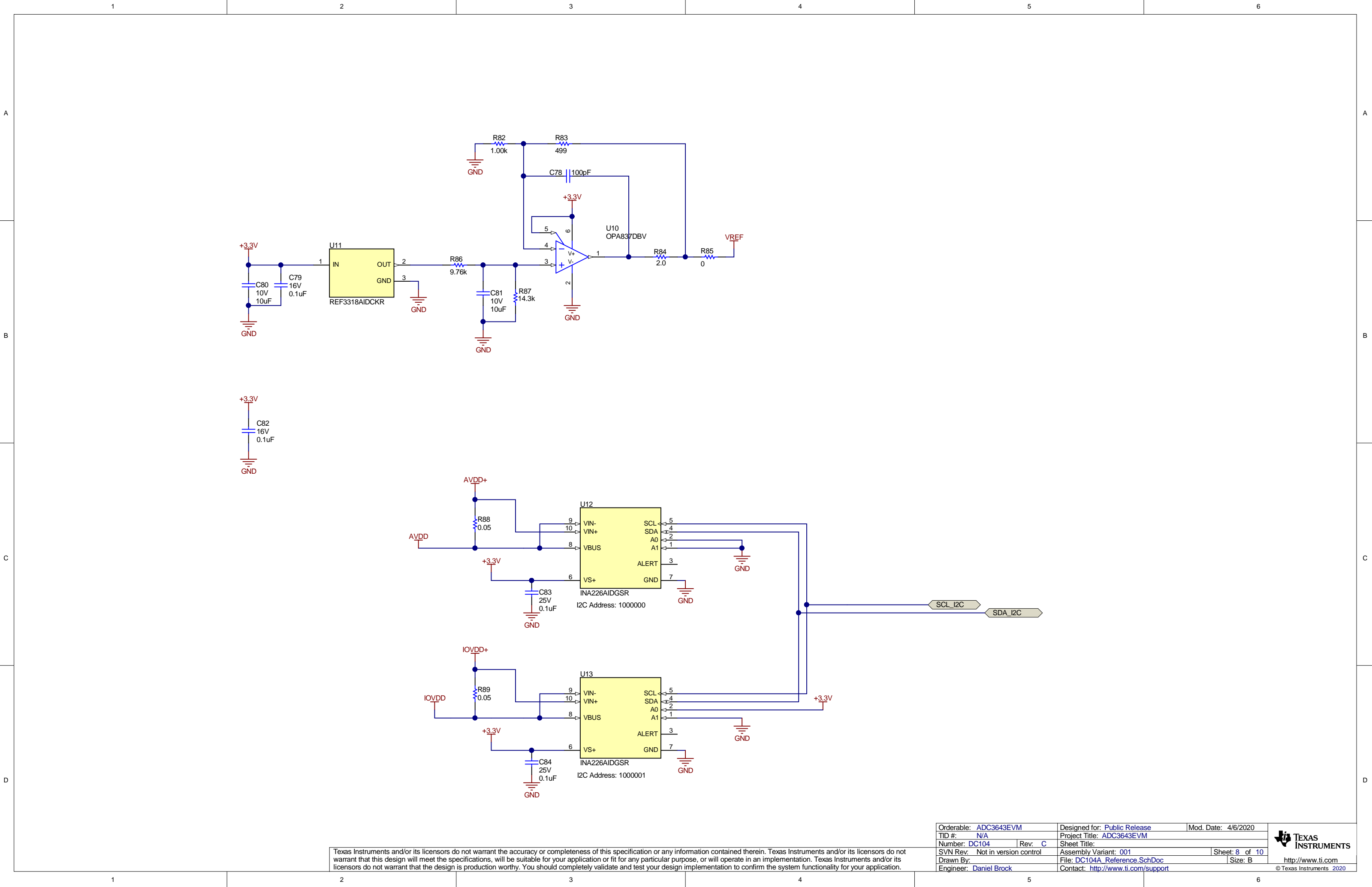


Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.



Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

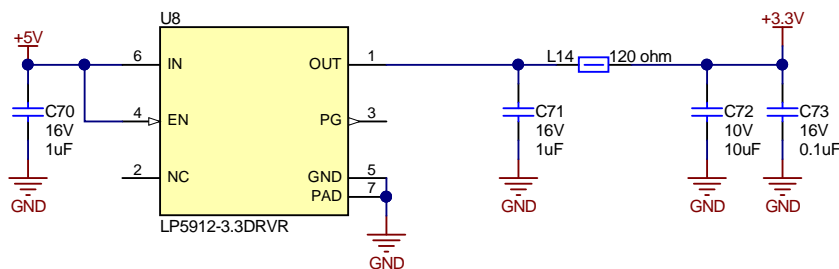
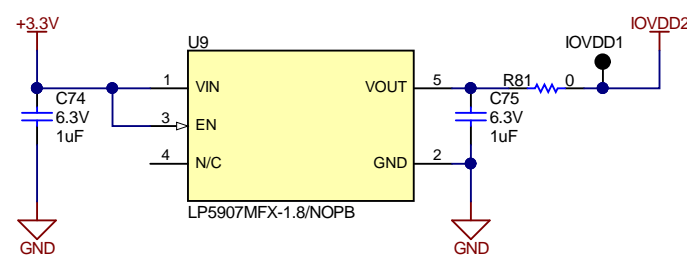
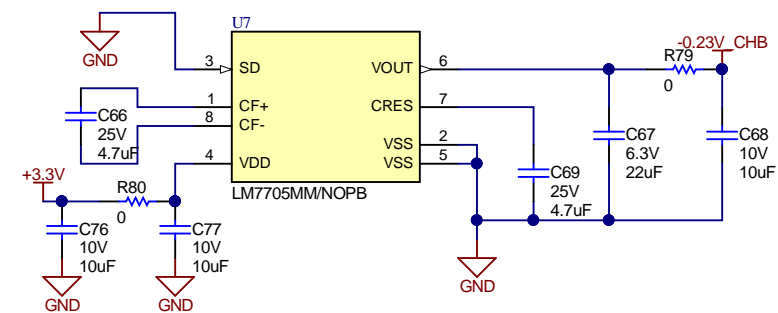
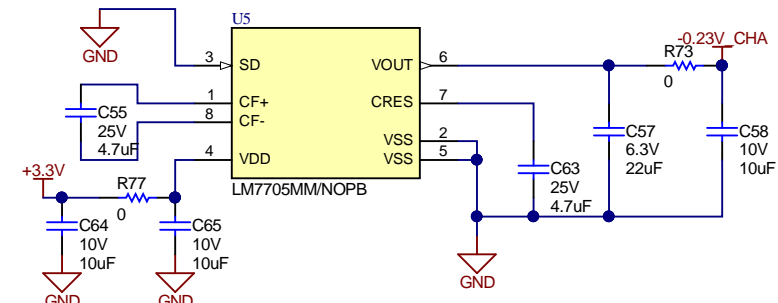
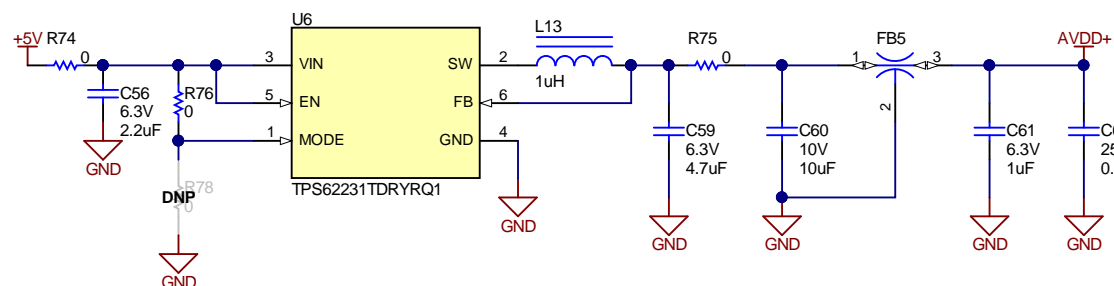
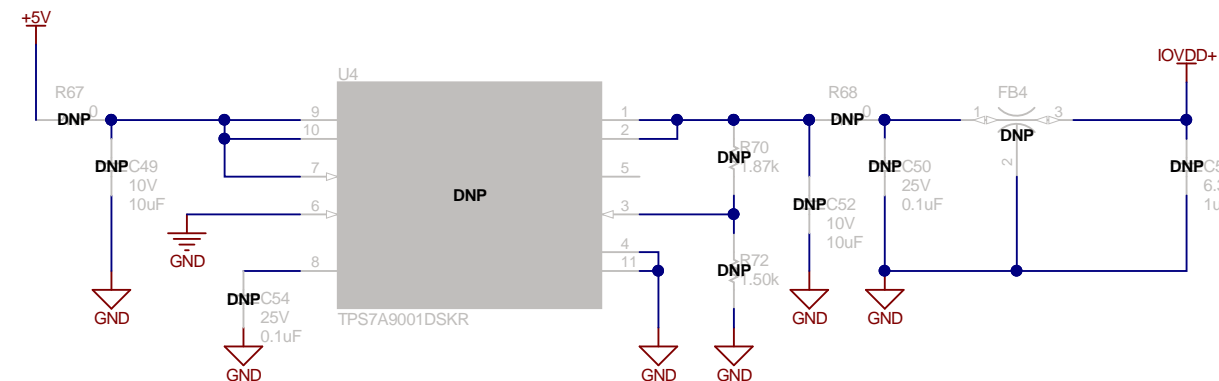
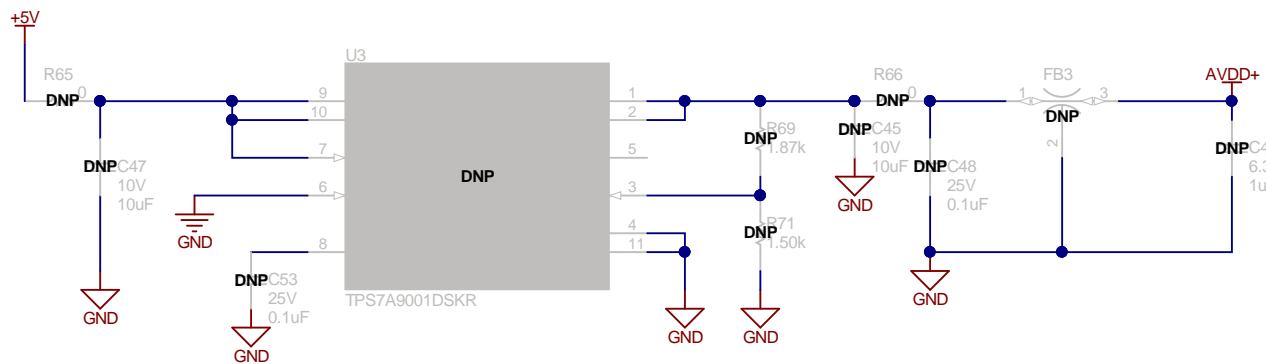
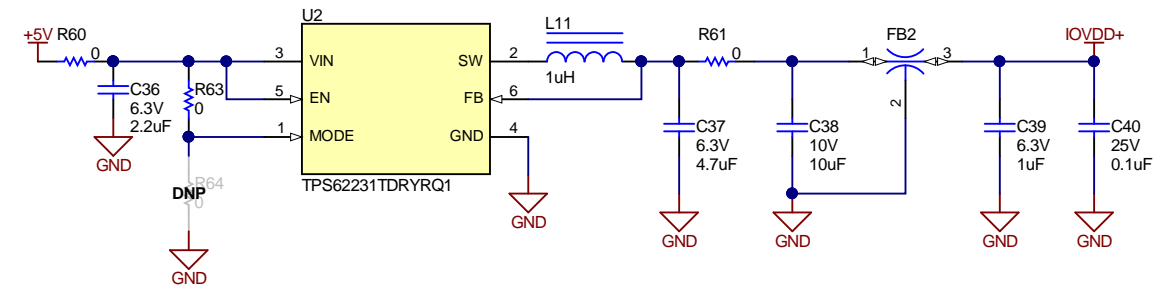
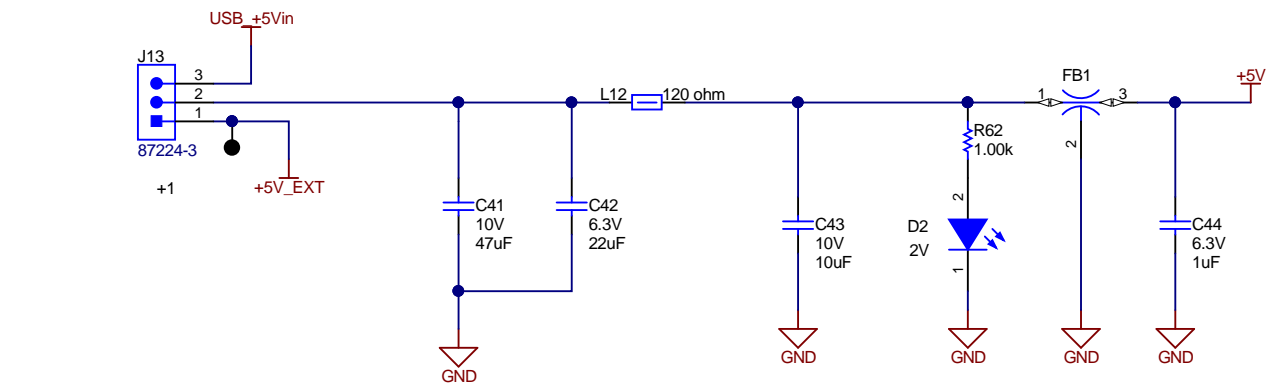
Orderable: ADC3643EVM	Designed for: Public Release	Mod. Date: 4/6/2020
TID #: N/A	Project Title: ADC3643EVM	
Number: DC104	Rev: C	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 7 of 10
Drawn By:	File: DC104A_FMC.SchDoc	Size: B
Engineer: Daniel Brock	Contact: http://www.ti.com/support	



Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: ADC3643EVM	Designed for: Public Release	Mod. Date: 4/6/2020
TID #: N/A	Project Title: ADC3643EVM	
Number: DC104	Rev: C	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 8 of 10
Drawn By:	File: DC104A_Reference.SchDoc	Size: B
Engineer: Daniel Brock	Contact: http://www.ti.com/support	

Power Supply



Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.



Jumper 2-3

PCB Number: DC104

PCB Rev: C

PCB
LOGO

Texas Instruments



PCB
LOGO

FCC disclaimer

PCB
LOGO

WEEE logo

PCB Number: DC104

PCB Rev: C

LBL1

PCB Label

THT-14-423-10

Size: 0.65" x 0.20 "

Variant/Label Table	
Variant	Label Text
001	ADC3643EVM

ZZ1

Label Assembly Note

This Assembly Note is for PCB labels only

ZZ2

Assembly Note

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

ZZ3

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.

Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: ADC3643EVM		Designed for: Public Release	Mod. Date: 12/12/2019
TID #: N/A		Project Title: ADC3643EVM	
Number: DC104	Rev: C	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 10 of 10	
Drawn By:	File: DC104A_Hardware.SchDoc	Size: B	
Engineer: Daniel Brock	Contact: http://www.ti.com/support		