

XDS110 BOARD

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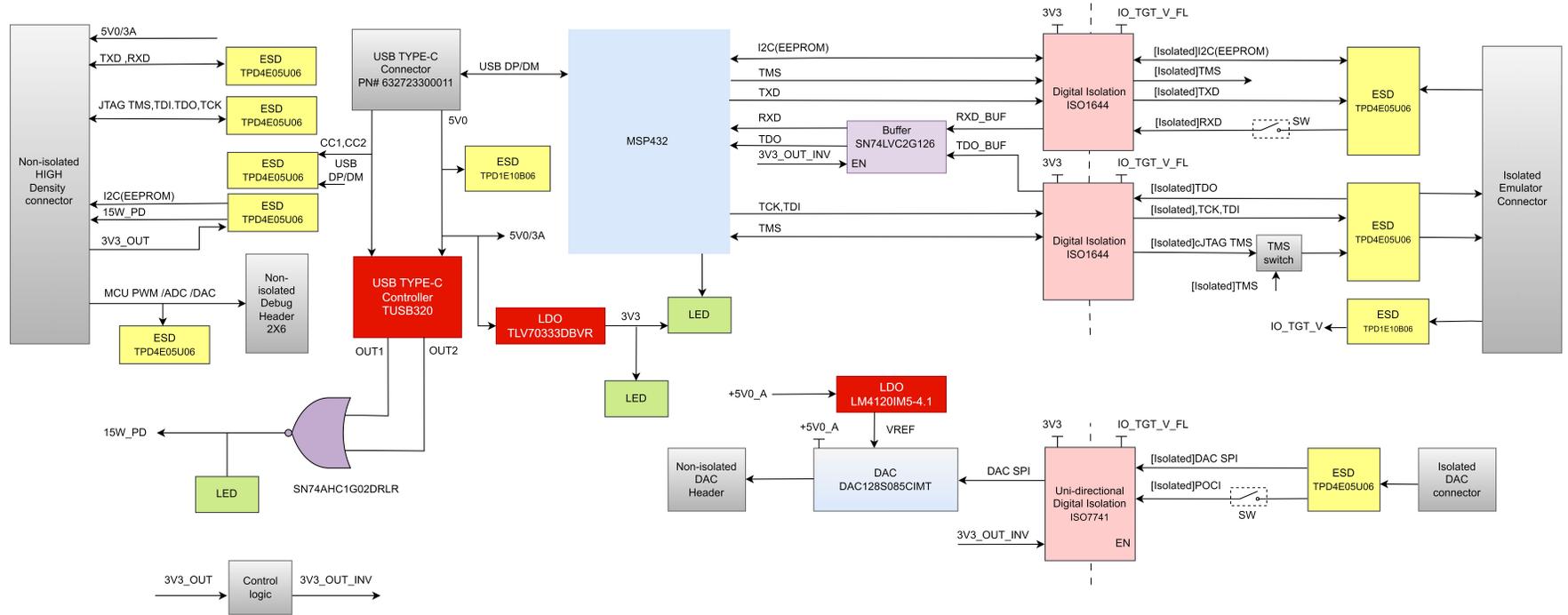
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Orderable: XDS110ISO-EVM	Designed for: Public Release	Mod. Date: 28-Mar-24
TID #: N/A	Project Title: C2000 XDS110 Plug-In Board	
Number: MCU129	Rev: A	Sheet Title:
SVN Rev: 1378	Assembly Variant: 001	Sheet: 1 of 9
Drawn By: Texas Instruments	File: MCU129A_TABLE OF CONTENTS_SchDoc	Size: B
Engineer: Gus Martinez	Contact:	



XDS110 SYSTEM BLOCK DIAGRAM



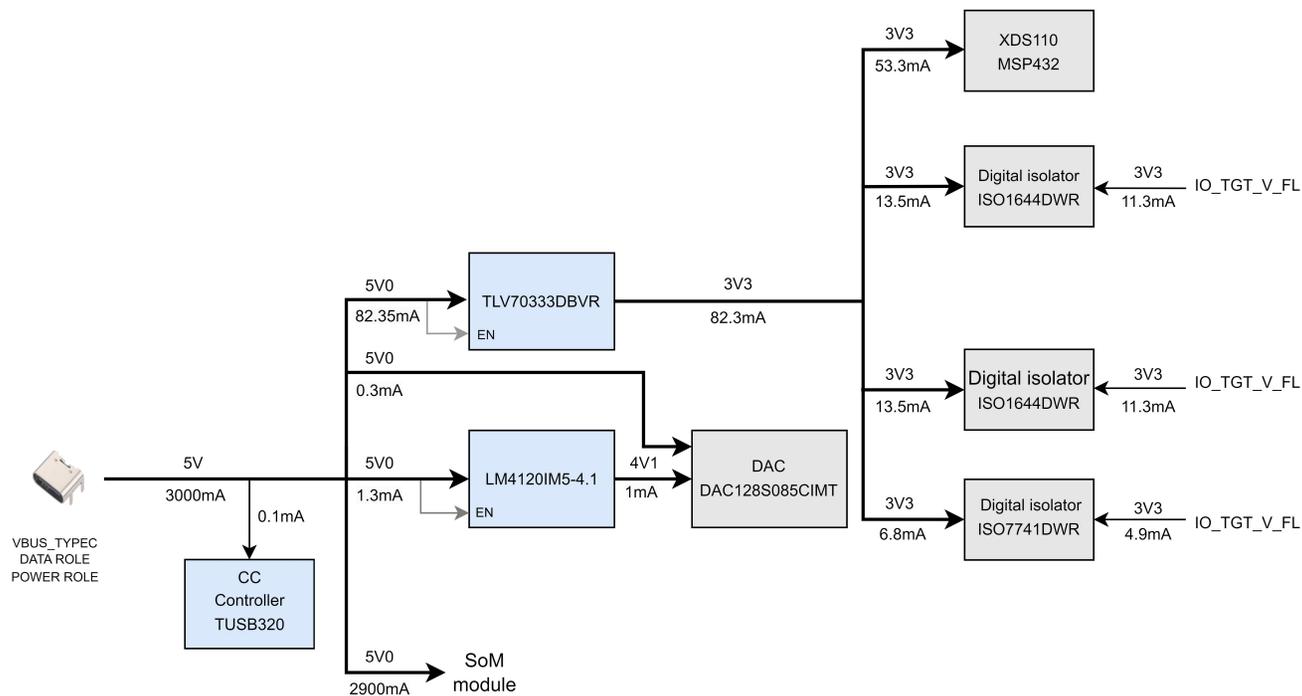
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Drawn By: Texas Instruments	File: MCU129A_SYSTEM_BLOCK_DIAG.SchDoc	Size: B
Engineer: Gus Martinez	Contact:	



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POWER ARCHITECTURE OF XDS110



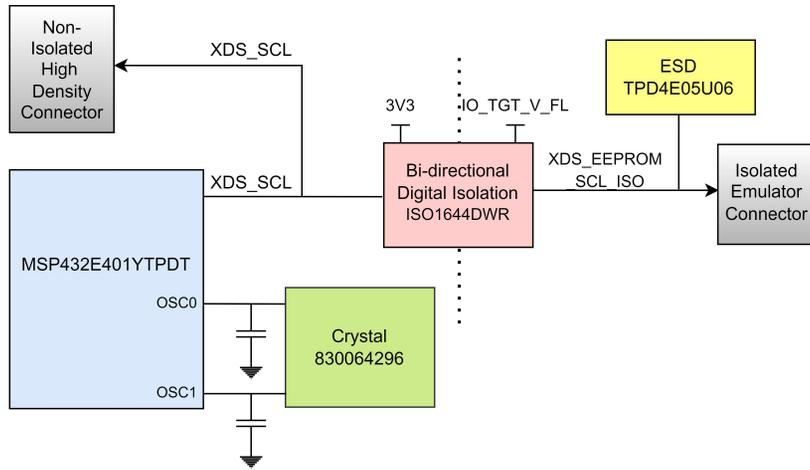
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Drawn By: Texas Instruments	File: MCU129A_POWER_ARCHITECT.SchDoc	Size: B
Engineer: Gus Martinez	Contact:	

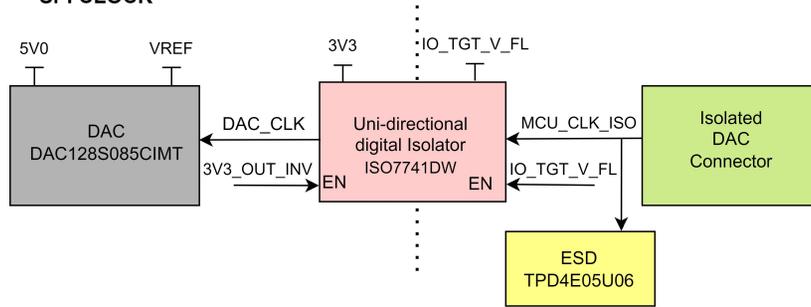


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CLOCK ARCHITECTURE OF XDS110



SPI CLOCK



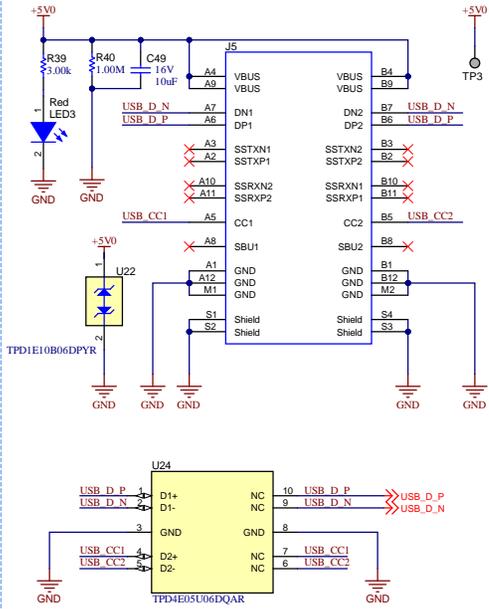
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Drawn By: Texas Instruments	File: MCU129A_CLOCK_ARCHITECTURE_SchDoc	Size: B
Engineer: Gus Martinez	Contact:	http://www.ti.com

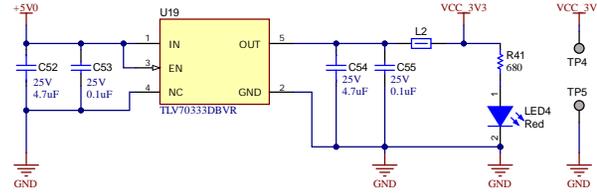


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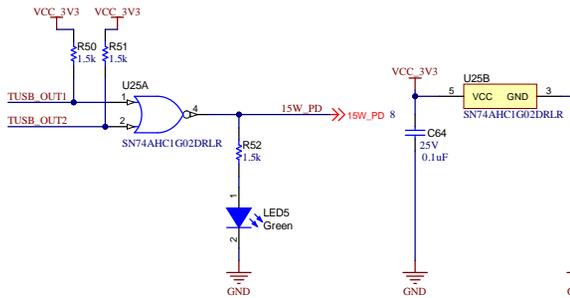
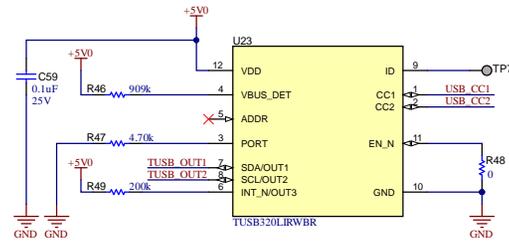
POWER SECTION



3V3 POWER SECTION

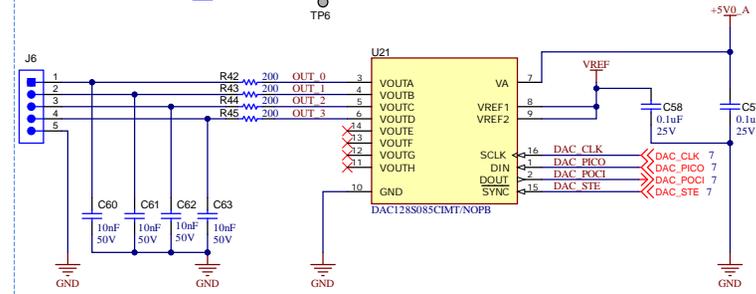
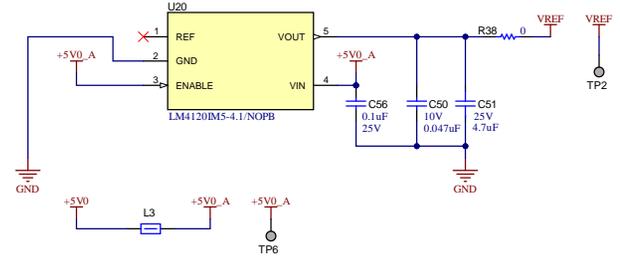


CC CONTROLLER SECTION

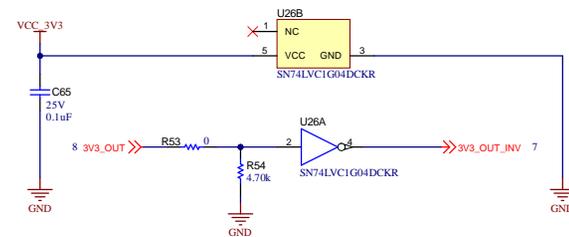


OUT1	OUT2	ADVERTISEMENT
H	H	Default Current in Unattached State
H	L	Default Current in Attached State
L	H	Medium Current (1.5 A) in Attached State
L	L	High Current (3.0 A) in Attached State

DAC SECTION



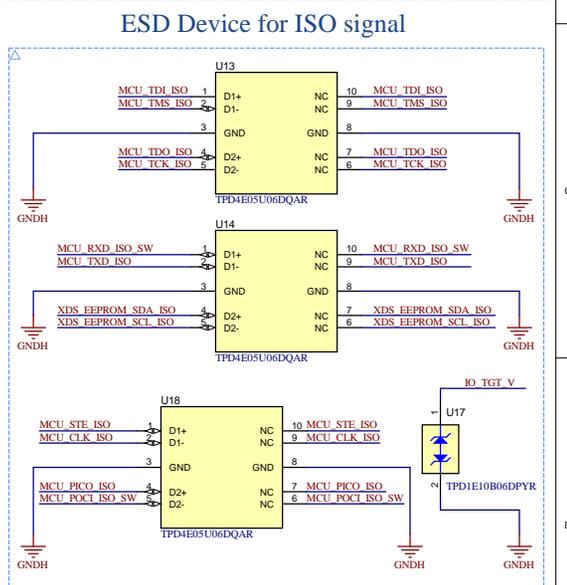
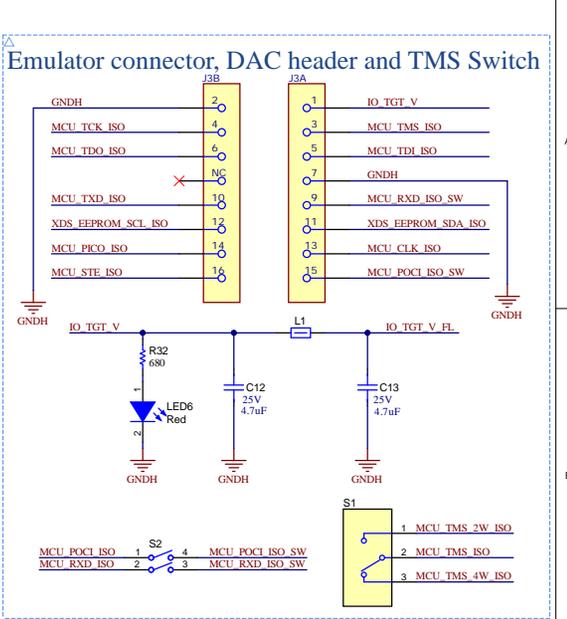
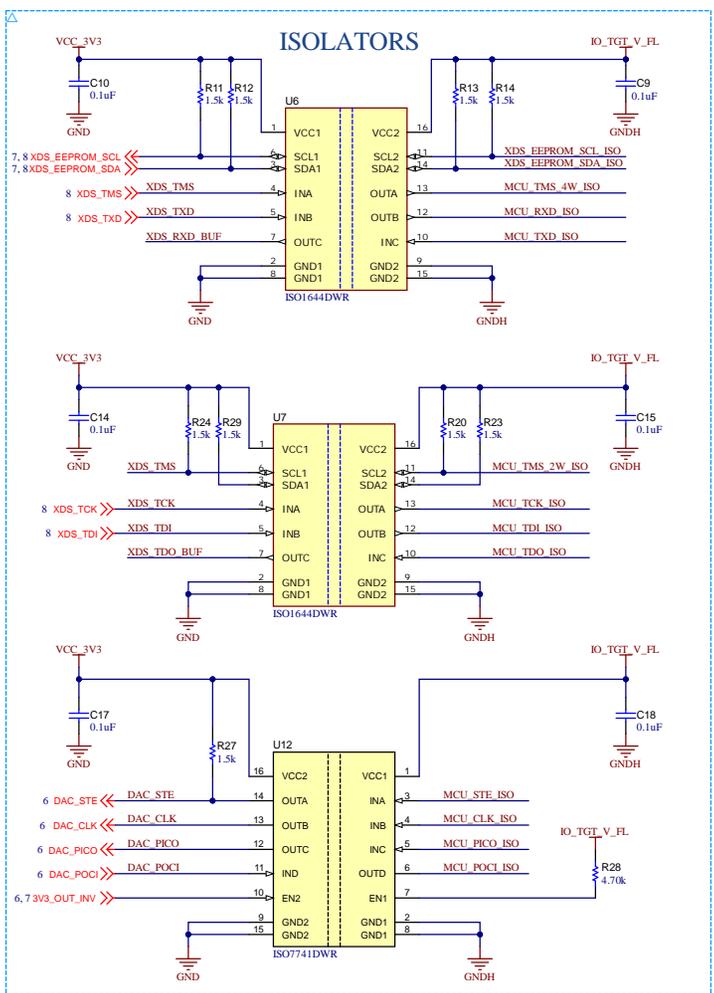
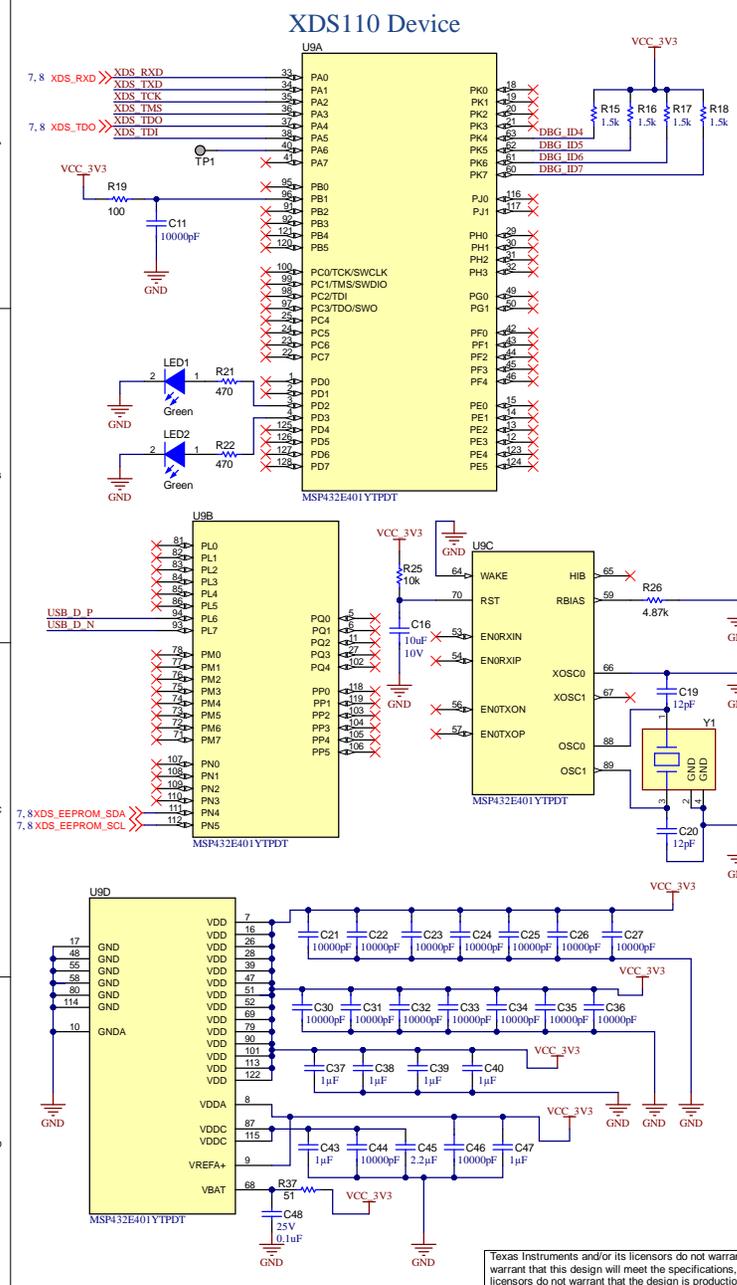
CONTROL LOGIC FOR 3V3_OUT



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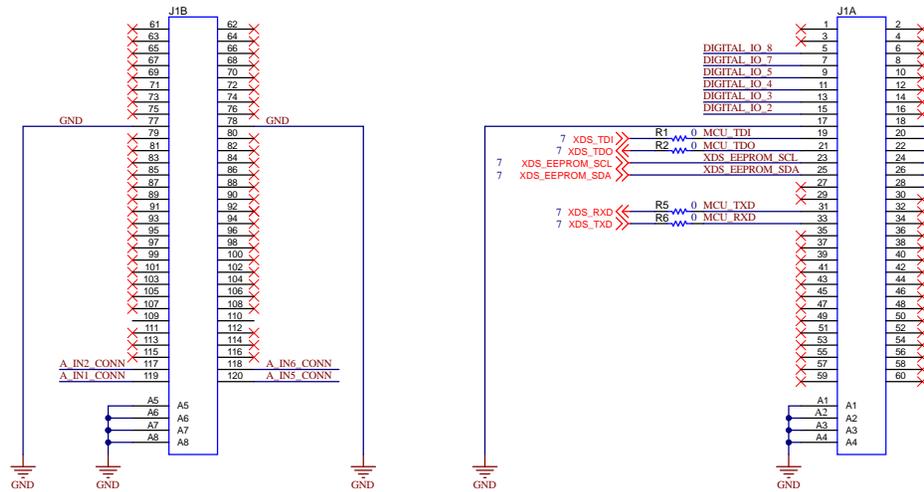
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Drawn By: Texas Instruments	File: MCU129A_POWER_DAC_SECTION_SchDoc	Size: B
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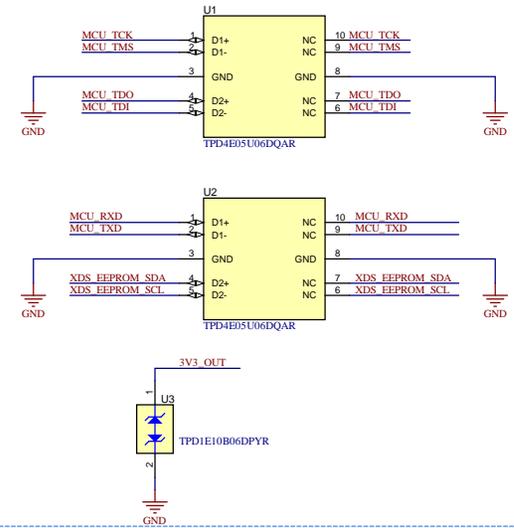


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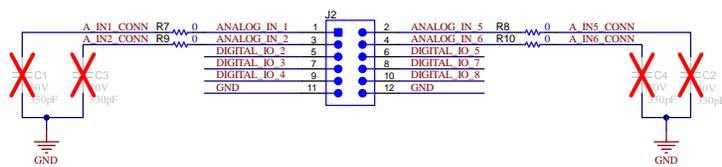
NON-ISOLATED HIGH DENSITY CONNECTOR



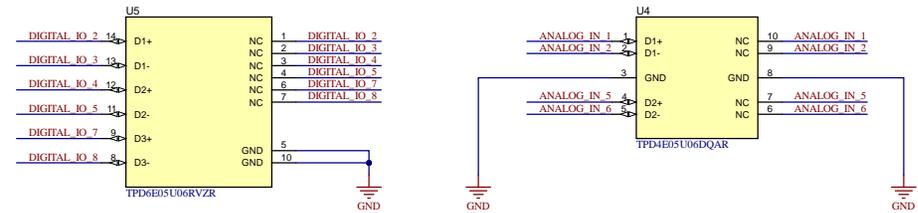
ESD DEVICE FOR NON ISO SIGNAL



NON-ISOLATED DEBUG HEADER



ESD DEVICE FOR NON ISO DEBUG HEADER SIGNAL



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Number: MCU129	Rev: A	Sheet Title:
SVN Rev: 1754	Assembly Variant: 001	Sheet: 8 of 9
Drawn By: Texas Instruments	File: MCU129A HIGH-DENSITY_CONN_SchDoc	Size: B
Engineer: Gus Martinez	Contact:	



FID1 FID2 FID3 FID4 FID5 FID6

PCB Number: MCU129
PCB Rev: A

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"

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.

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