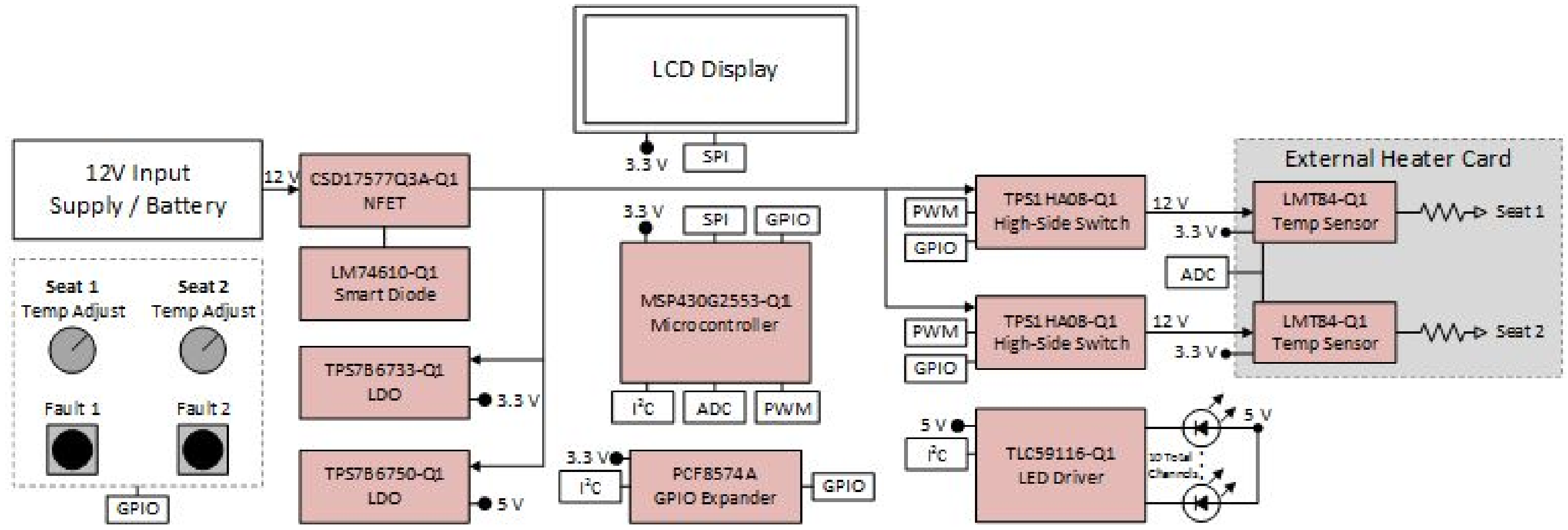


Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
N/A	N/A	N/A	N/A	N/A

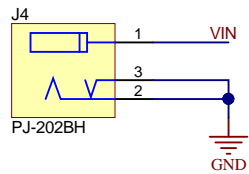
Block Diagram



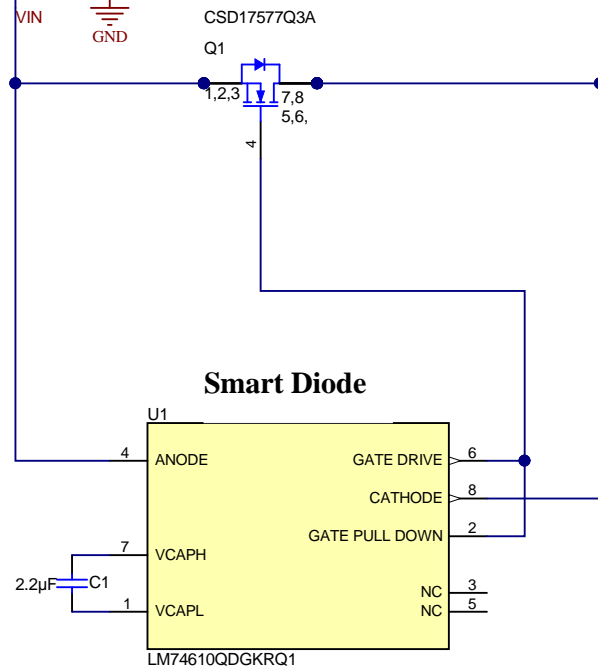
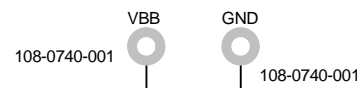
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Number: TIDA-01184	Rev: A	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 1 of 3	
Drawn By:	File: TIDA-01184_CoverSheet.SchDoc	Size: B	
Engineer: Mitchell Kinkeade	Contact: http://www.ti.com/support		

12V Wall-Plug Input

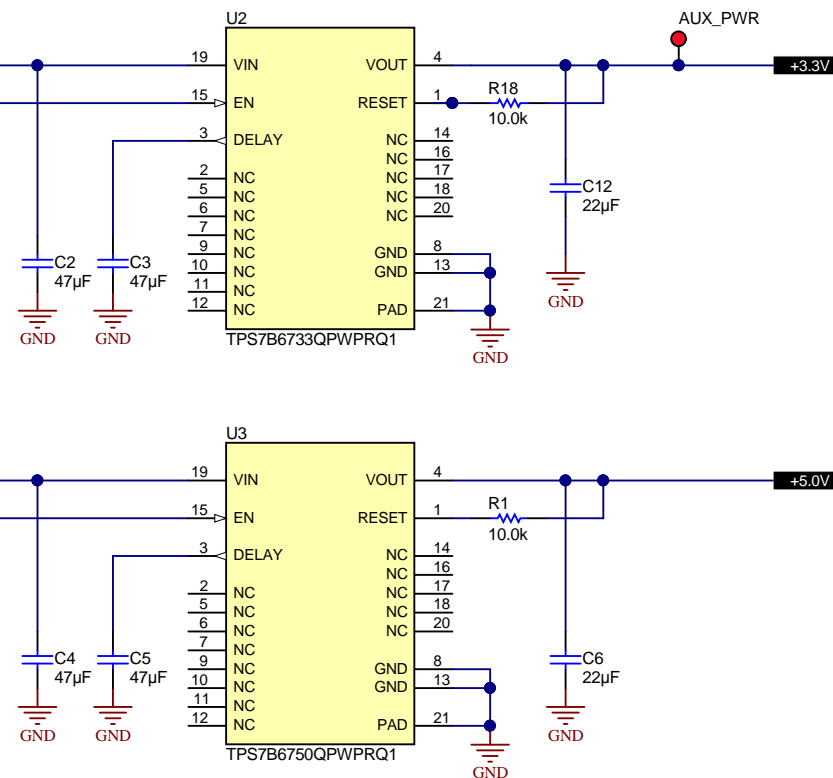


12V Battery Input



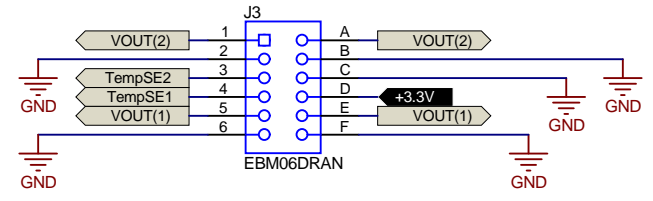
VBB

Linear Regulator




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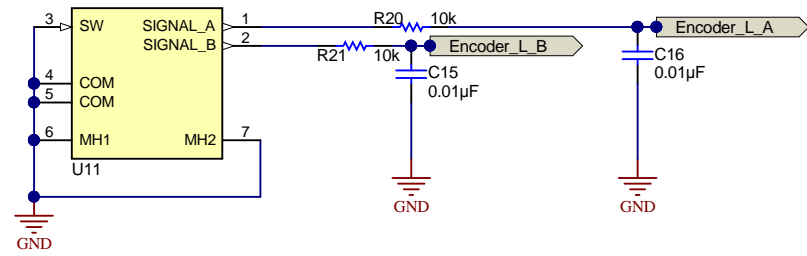
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SVN Rev: Version control disabled	Assembly Variant: 001	Size: B	
Drawn By: Samip Shah	File: TIDA-01184_Power.SchDoc	Contact: http://www.ti.com/support	
Engineer: Mitchell Kinkeade	Contact: http://www.ti.com/support		© Texas Instruments 2017



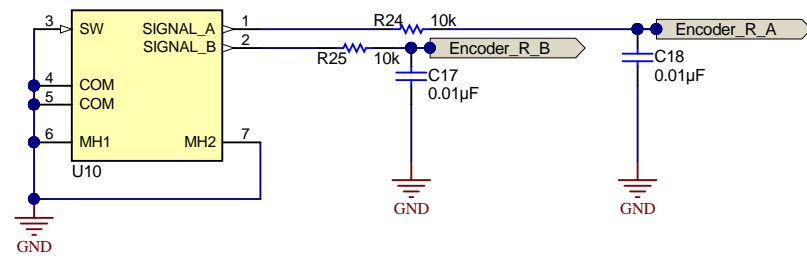
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Number: TIDA-01184	Rev: A	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 2 of 3	
Drawn By:	File: TIDA-01184_Load_Card.SchDoc	Size: B	
Engineer: Mitchell Kinkeade	Contact: http://www.ti.com/support		

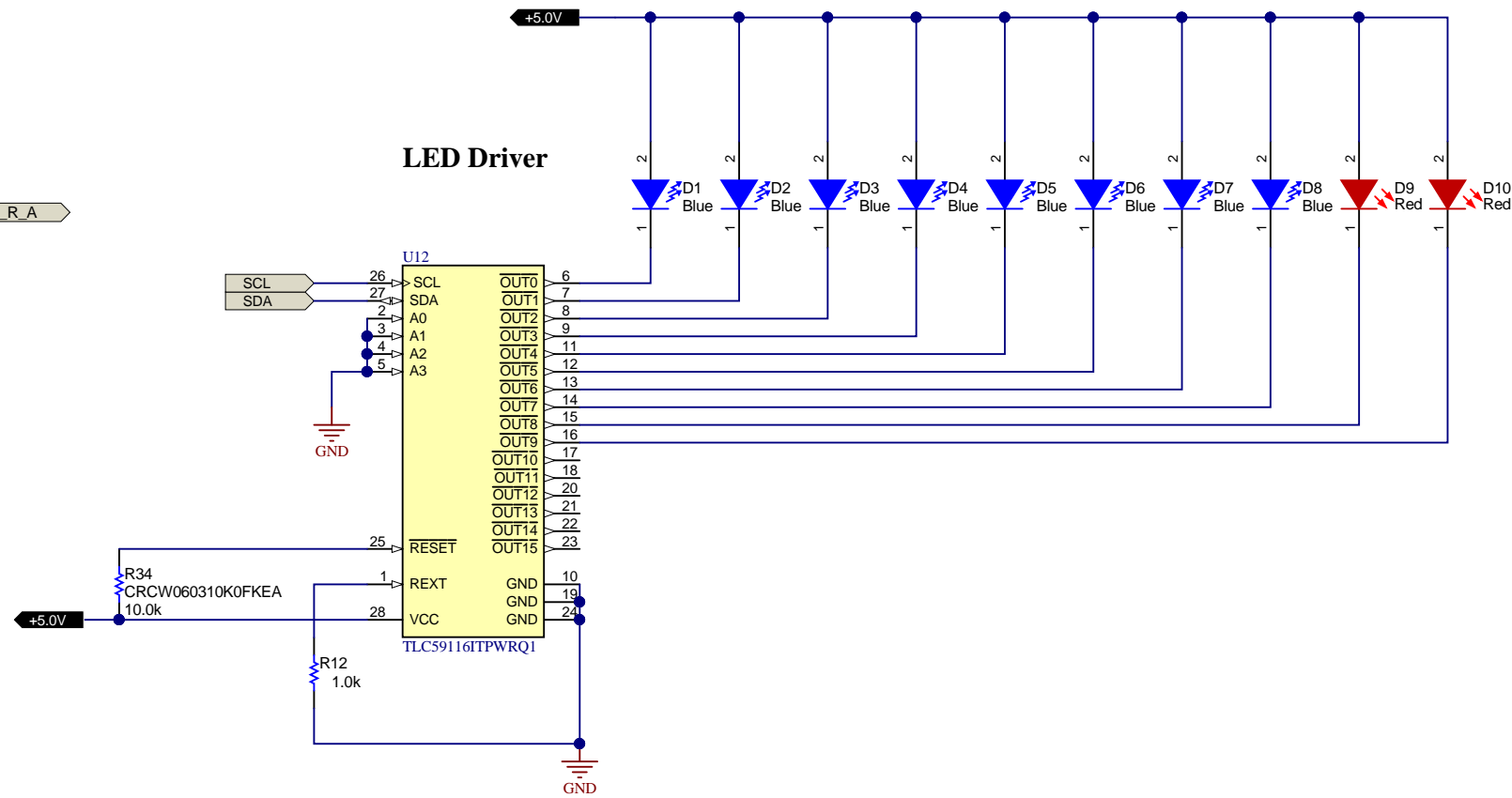
Rotary Encoder (Left seat)




Rotary Encoder (Right Seat)

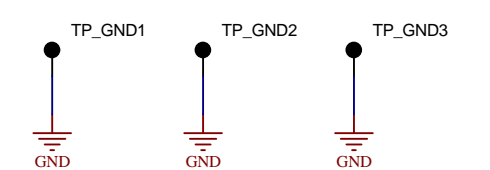
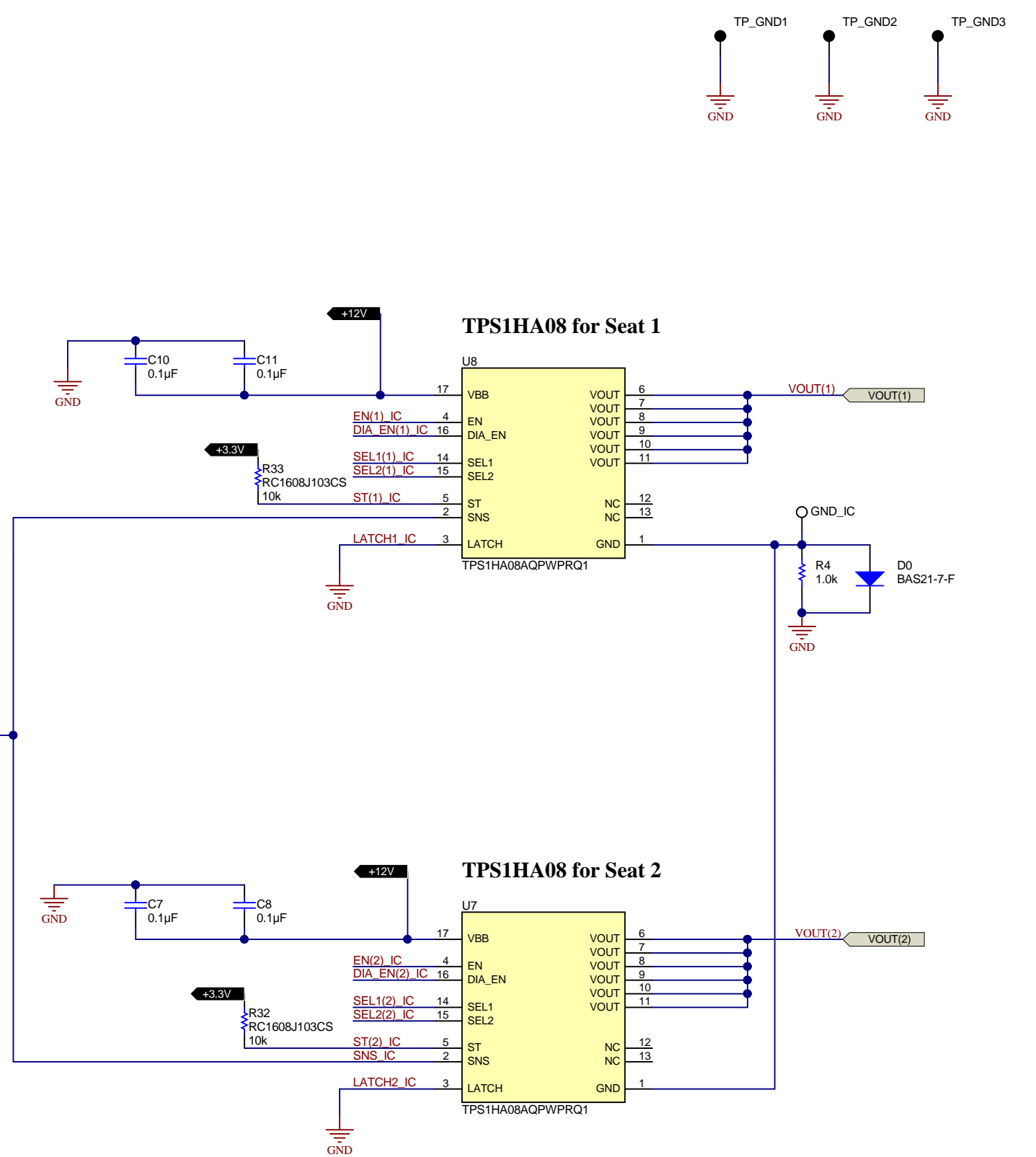
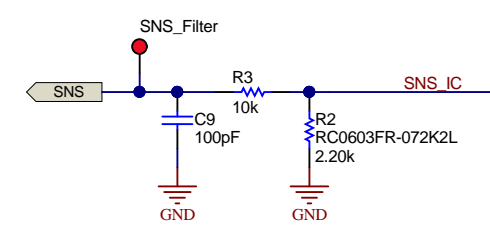
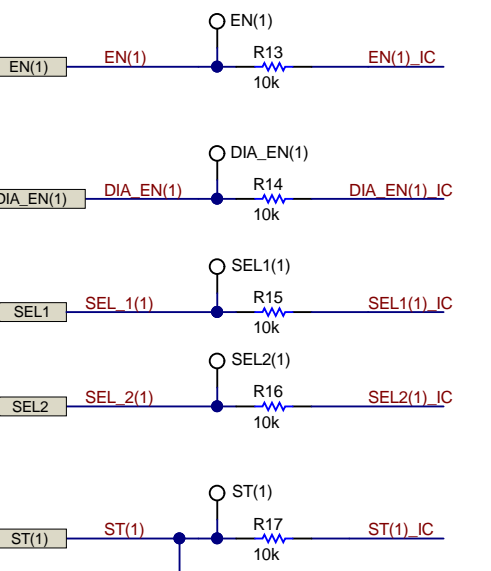
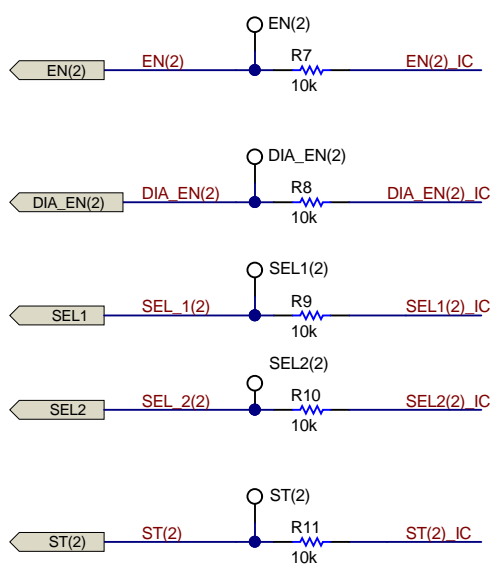


LED Driver



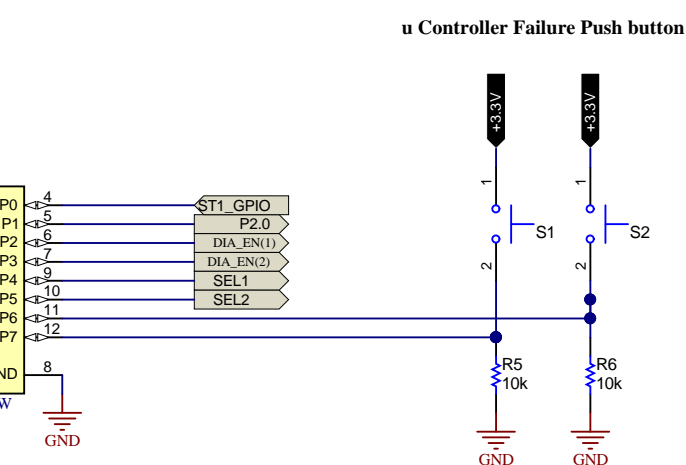
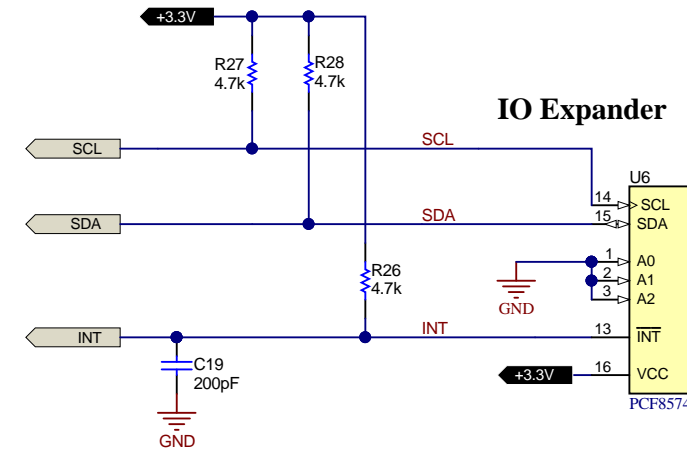
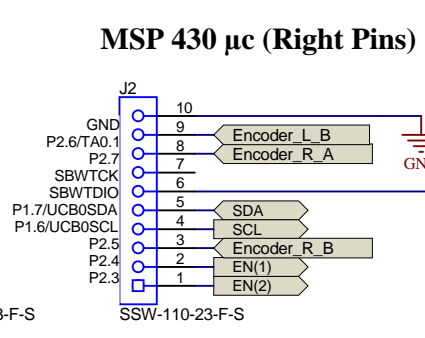
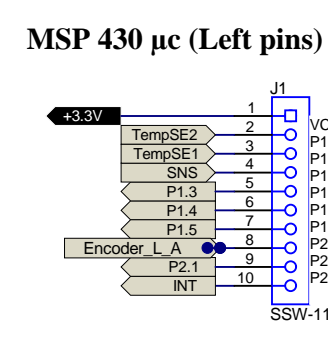
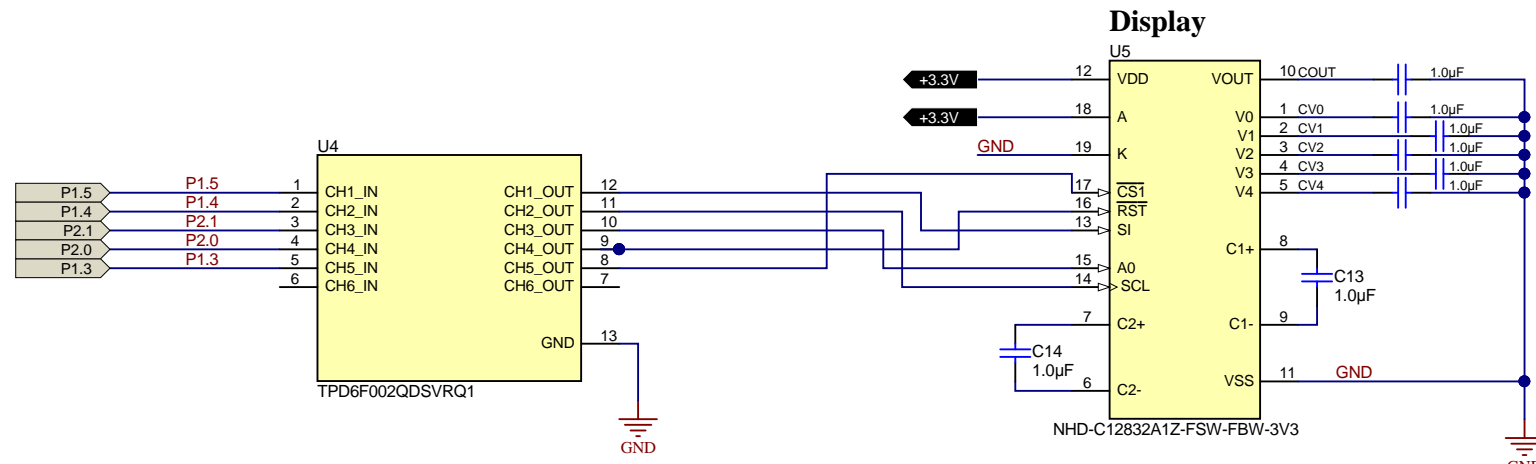
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Number: TIDA-01184	Rev: A	Sheet: 2 of 3	
SVN Rev: Version control disabled	Assembly Variant: 001	Size: B	
Drawn By: Mitchell Kinkeade	File: TIDA-01184_LED_Drivers.SchDoc	Contact: http://www.ti.com/support	



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SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 2 of 3	http://www.ti.com
Drawn By:	File: TIDA-01184_HighSideDrivers.SchDoc	Size: B	
Engineer: Mitchell Kinkeade	Contact: http://www.ti.com/support		© Texas Instruments 2017



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H1 NY PMS 440 0025 PH H2 NY PMS 440 0025 PH H3 NY PMS 440 0025 PH H4 NY PMS 440 0025 PH

H5 1902C H6 1902C H7 1902C H8 1902C

DNP FID1 DNP FID2 DNP FID3

PCB Number: TIDA-01184
PCB Rev: A

PCB LOGO Texas Instruments PCB LOGO Pb-Free Symbol PCB LOGO FCC disclaimer


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

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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Number: TIDA-01184 Rev: A	Sheet Title:		
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 3 of 3	
Drawn By:	File: TIDA-01184_EVM_Hardware.SchDoc	Size: B	
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