

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

A

B

C

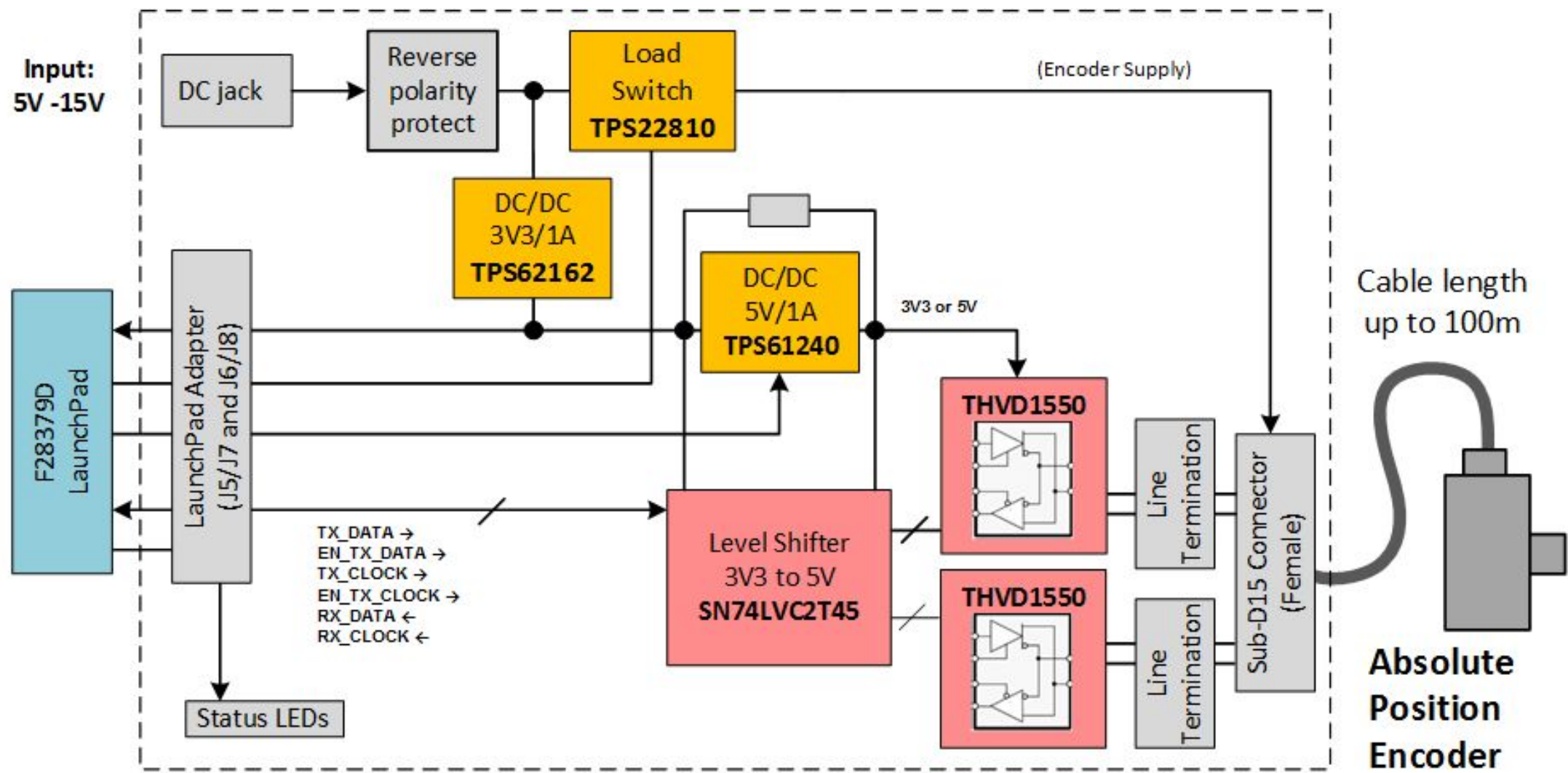
D

A

B

C

D



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Orderable: EVM_orderable	Designed for: Internal Use Only	Mod. Date: 8/18/2017
TID #: 01401	Project Title: High EMI-Immunity EnDat BoosterPack	
Number: TIDA-01401	Rev: 1.1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: [No Variations]	Sheet: 1 of 3
Drawn By:	File: TIDA-01401_CoverSheet.SchDoc	Size: B
Engineer: Kristen Mogensen	Contact: http://www.ti.com/support	

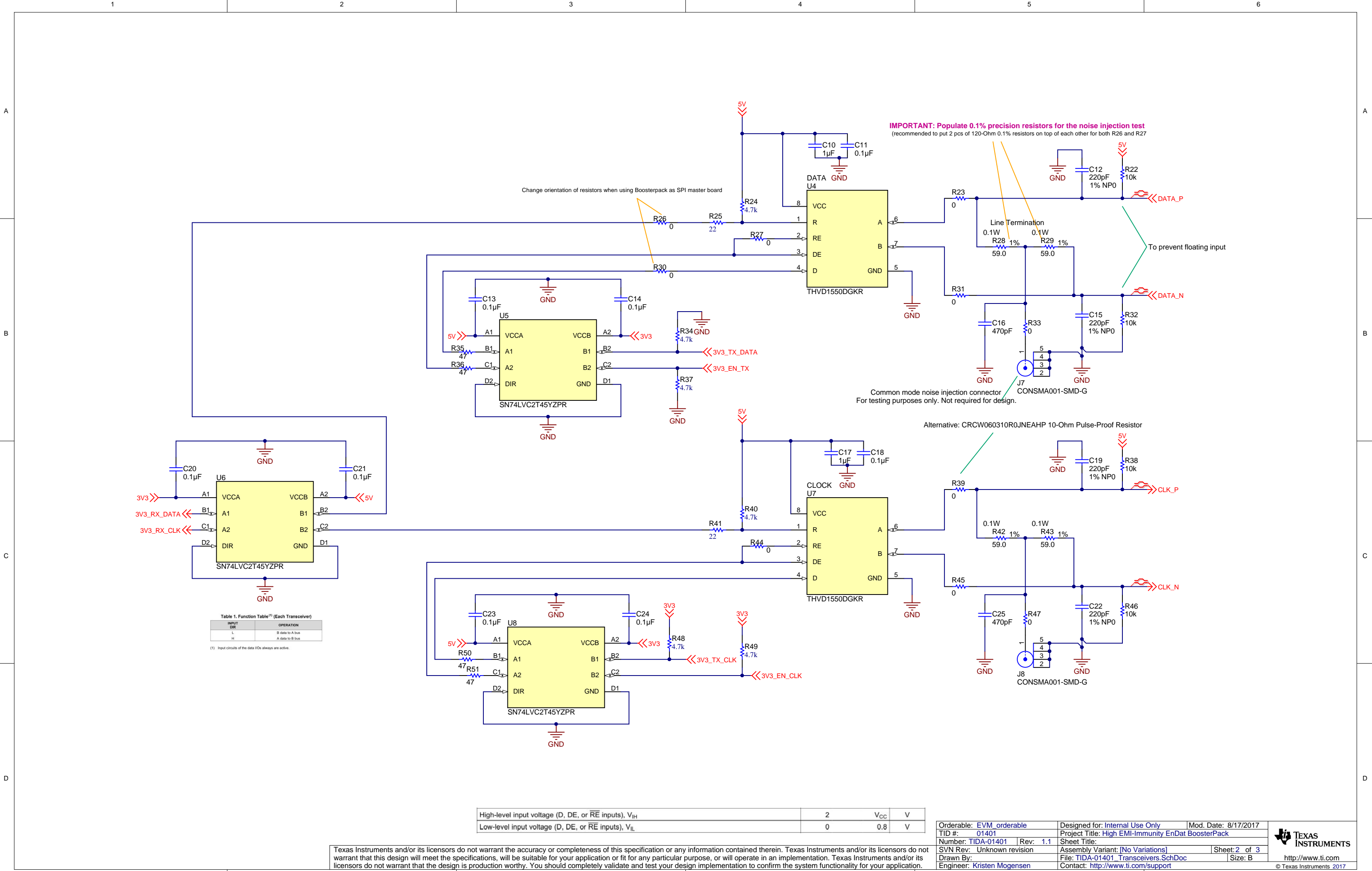
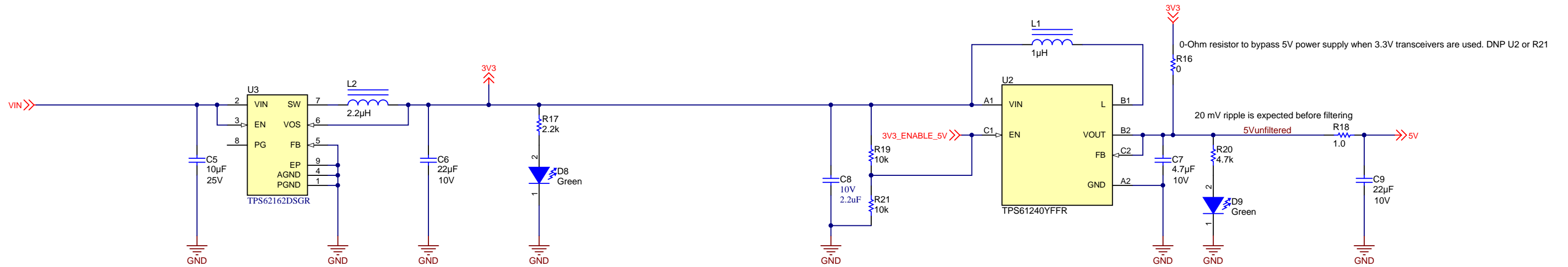
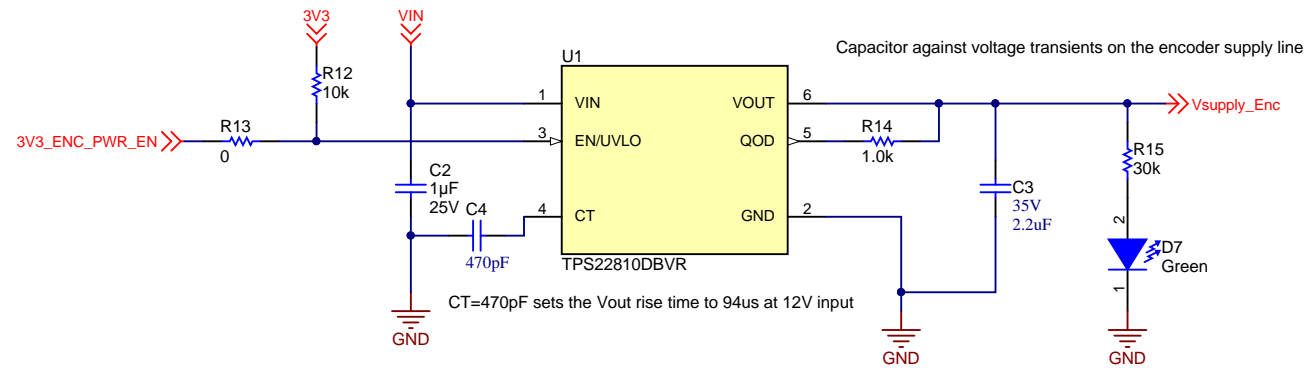


Table 1. Function Table ⁽¹⁾ (Each Transceiver)	
INPUT DIR	OPERATION
L	B data to A bus
H	A data to B bus

(1) Input circuits of the data I/Os always are active.

High-level input voltage (D, DE, or RE inputs), V _{IH}	2	V _{CC}	V
Low-level input voltage (D, DE, or RE inputs), V _{IL}	0	0.8	V

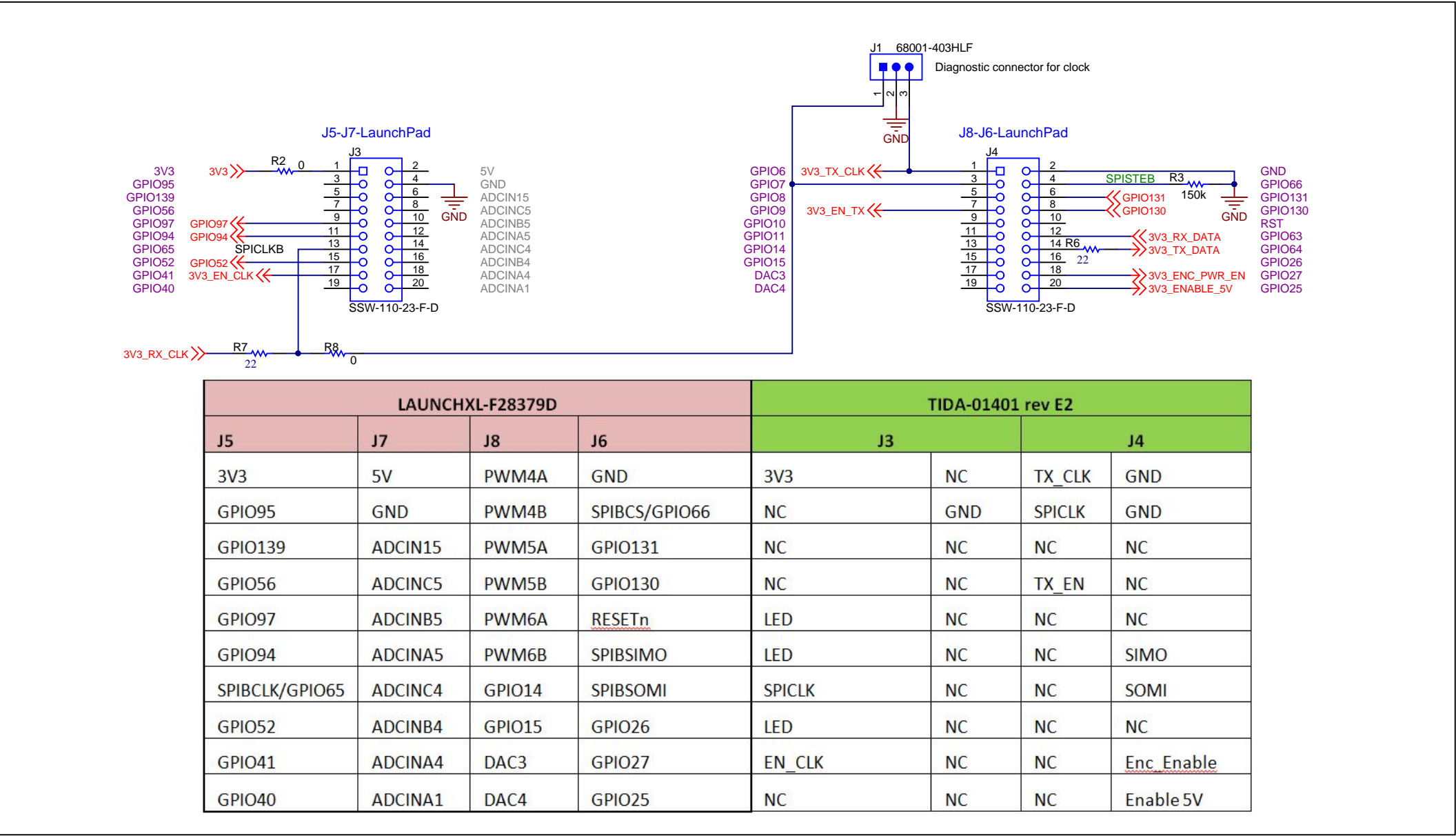
Orderable: EVM_orderable	Designed for: Internal Use Only	Mod. Date: 8/17/2017
TID #: 01401	Project Title: High EMI-Immunity EnDat BoosterPack	
Number: TIDA-01401	Rev: 1.1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: [No Variations]	Sheet: 2 of 3
Drawn By:	File: TIDA-01401_Transceivers.SchDoc	Size: B
Engineer: Kristen Mogensen	Contact: http://www.ti.com/support	



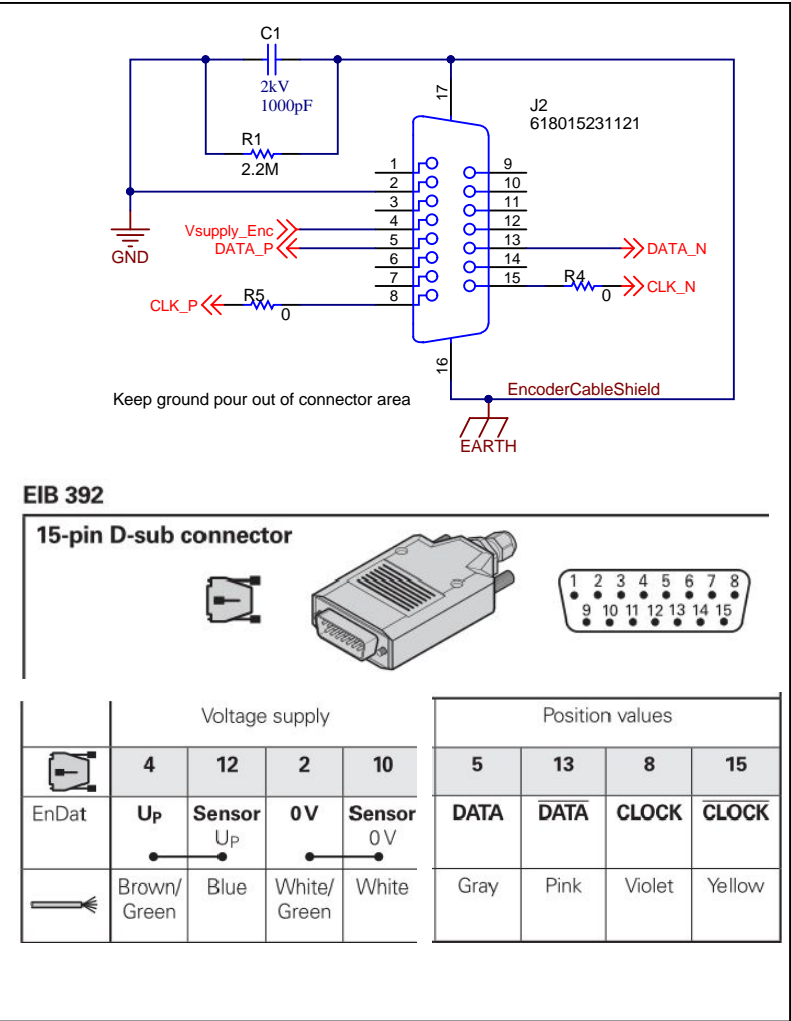
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Number: TIDA-01401	Rev: 1.1	Sheet Title:	
SVN Rev: Unknown revision	Assembly Variant: [No Variations]	Sheet: 2 of 3	
Drawn By:	File: TIDA-01401_PowerSupply.SchDoc	Size: B	
Engineer: Kristen Mogensen	Contact: http://www.ti.com/support		http://www.ti.com © Texas Instruments 2017

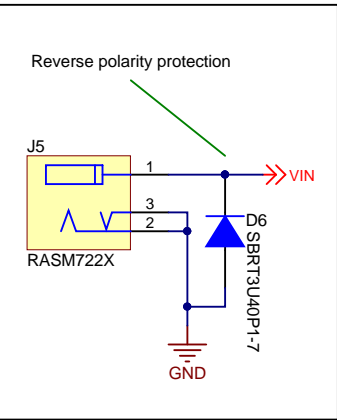
LaunchPad Connectors



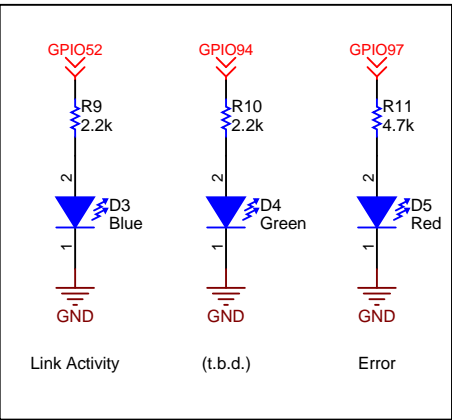
Encoder / RS-485 Data Connector



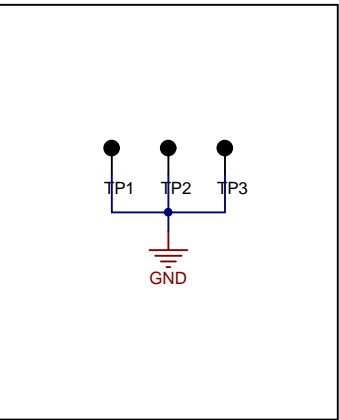
Supply Voltage



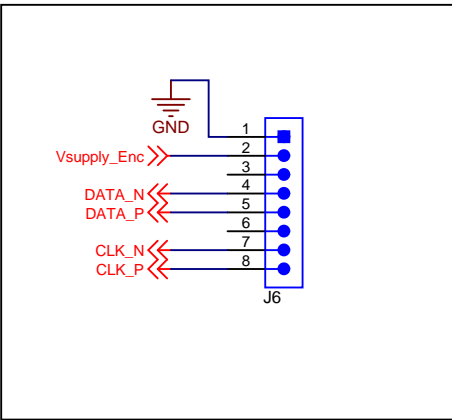
Indicator LEDs



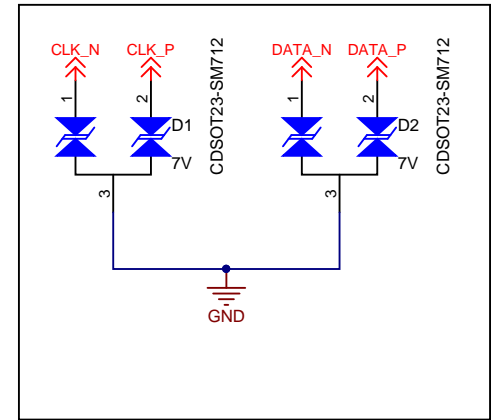
GND test points



Encoder / RS-485 Data Connector



TVS for unshielded cable test



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