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

	Designed for: Public Relea	ise Mod. D	ate: 12/8/2010	
41 Project Title: Bi-Directional High Side Current Sensing				TEXAS
Rev: E1	Sheet Title:			TEXAS
ontrol disabled	Assembly Variant: 001		Sheet: 1 of 3	3
S	File: TIDA-01141_CoverSI	neet.SchDoc	Size: B	http://www.ti.com
S	Contact: http://www.ti.com	i/support		© Texas Instruments 2016
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1	2	3	4	5	6
A			LV_A <u>UX_</u> 3.3V	LV_A <u>UX_3.3</u> V	
в	$LV_AUX_3.3V$ $C6$ $C5$ $I\mu F$ $U.1\mu F$ $IBAT_HS-$ VS VS $IN+$ $IN-$ $R9$ 4.75 7 $REF1$ $REF1$ $REF2$ $SGND$	U1 OUT 8 (IBAT_HS IBAT_HS) GND 4 GND 4 SGND	$\begin{array}{c} C1 \\ 1 \\ 1 \\ C3 \\ 1 \\ 1 \\ 0 \\ C3 \\ C3 \\ 1 \\ 0 \\ C3 $	R15 3.32k	
C	I	V_AUX_3.3V R1 S.11k VREF U3 R2 24.3k HTV R3 14.3k LTV R4 4.12k SGND SGND	SGND SGND		
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PCB Number: TIDA-01141 PCB Rev: E1

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С

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PCB LOGO Pb-Free Symbol PCB LOGO Texas Instruments



Label Table					
Variant	Label Text				
001	ChangeMe!				
002	ChangeMe!				

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ZZ1 Assembly Note These assemblies are ESD sensitive, ESD precautions shall be observed.

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ZZ2 Assembly Note These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ3
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

Orderable: N/A TID #: TIDA-01141 Number: TIDA-01141 SVN Rev: Version cont Drawn By: Engineer: Ramkumar S

						raumber.
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licensors do not warrant that the design	n is production worthy. You should completely	validate and test your design	implementation to confirm the sy	stem functionality for your applic	ation.	Engineer:
2	3		4			
2	5		4			

You should delete the nylon screws/standoffs and/or the bumpons as needed for your design (or substitute other parts from Hardware.IntLib). Bumpons are cheaper, but provide less clearance.

4

Deleting anything else from this page may result in your EVM submission being rejected (until you add them back).

Update the Label Text in the Label Table as needed for each Assembly Variant.

You can delete this note too.

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	Designed for: Public Release	Mod. Date:	9/7/2016	_
41	Project Title: Bi-Directional High Side Current Sensing			TEXAS
Rev: E1	Sheet Title:			INSTRUMENTS
ontrol disabled	Assembly Variant: 001	She	et: 3 of 3	in to fit to fit to fit to
	File: TIDA-01141_Hardware.SchDo	DC	Size: B	http://www.ti.com
S	Contact: http://www.ti.com/support			© Texas Instruments 2016
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