

PCN Number:	20140826001	PCN Date:	09/05/2014
Title:	Datasheet update		
Customer Contact:	PCN Manager	Phone:	+1(214) 480-6037
Change Type:	Dept:	Quality Services	
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized in the following revision history.
Changes from Revision A (January 2014) to Revision B

	Page
• Changed the data sheet title From: 4.5 V to 17 V Input, 2A Synchronous Step-Down.. To: 4.5 V to 17 V Input, 2A/3A Synchronous Step-Down.....	1
• Changed the datasheet to the new Ti format	1
• Changed device number From: TPS563209 To TPS563200	1
• Added Feature: Integrated 68-mΩ and 39-mΩ FETs ('563200).....	1
• Changed Feature From: 2% Feedback Voltage Accuracy (25°C) To: 1% Feedback Voltage Accuracy (25°C)	1
• Added the Timing Requirements table	5
• Added Table 1	13
• Changed Table 2	13
• Deleted sentence following Table 2 "For higher output voltages, additional phase boost can be achieved by adding a feed forward capacitor (C7) in parallel with R2."	14
• Added Application Information for the TPS563200 device	17
• Added Table 3	17

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS562200 & TPS563200	SLVSCB0A	SLVSCB0B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/tool/tps562200evm-601?keyMatch=SLVSCB0&tisearch=Search-EN#Technical Documents>

Reason for Change:	
Application guidelines have been updated to ensure robust performance of the device. Specifically, customer should follow the latest recommendations for the feedback resistors specified in Table 2 and Table 4 of the datasheet and note that TI no longer recommends the use of a feed forward capacitor.	
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):	
Changes as indicated above.	
Changes to product identification resulting from this PCN:	
None.	
Product Affected:	
TPS562200DDCR	TPS562200DDCT

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
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