

PCN Number:	20180530002	PCN Date:	June 7, 2018
Title:	Datasheet for TPS65911		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<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

Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized below. The following change history provides further details.

TPS65911



SWCS049R – JUNE 2010 – REVISED MAY 2018

Changes from Revision Q (March 2016) to Revision R

Page

• Changed Device Information table to a single row reflecting all orderable devices	2
• Changed the <i>Functional Block Diagram</i>	2
• Deleted lead temperature from the <i>Recommended Operating Conditions</i> table	13
• Corrected VIO output voltage from 2.2 V to 2.5 V	20
• Changed the VDDCtrl slew rate from 100 mV/20µs to 5 mV/µs for clarity	25
• Added SEL options for V _{OUT} < 1 V	30
• Added the <i>Overview</i> section	45
• Corrected VIO voltage from 2.2 V to 2.5 V	47
• Corrected the SEL bits for 1 V selection for LDO1_REG and LDO2_REG	87
• Corrected the SEL bits for 0.8 V to 0.9 V options. Added the SEL bits for 0.95 V.	90
• Added the <i>Applications, Implementation, and Layout</i> section	120
• Added specific layout recommendations, and added layout diagrams which show the routing around the device ..	129

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS65911	SWCS049Q	SWCS049R

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS65911>

Reason for Change:

To accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.

Changes to product identification resulting from this PCN:

None.

Product Affected:

TPS6591102A2ZRCR	TPS6591104EA2ZRCR	TPS659112A2ZRCR	TPS659114A2ZRCT
TPS6591102AA2ZRCR	TPS6591106A2ZRCR	TPS6591133A2ZRC	TPS659118A2ZRCR
TPS6591103A2ZRCR	TPS6591109A2ZRCR	TPS6591133A2ZRCR	TPS659118A2ZRCT
TPS6591104A2ZRC	TPS659110A2ZRC	TPS659113A2ZRC	
TPS6591104A2ZRCR	TPS659110A2ZRCR	TPS659113A2ZRCR	
TPS6591104DA2ZRC	TPS659112A2ZRC	TPS659114A2ZRCR	

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
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com