

<b>PCN Number:</b>	20170127001	<b>PCN Date:</b>	Feb. 3, 2017
<b>Title:</b>	Datasheet for TPS54561-Q1		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<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.



#### TPS54561-Q1

SLVSC60A – SEPTEMBER 2014 – REVISED JANUARY 2017

[www.ti.com](http://www.ti.com)

#### Changes from Original (September 2014) to Revision A

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• Changed package SON To: WSON in the Features and throughout the data sheet .....	1
• Added the WEBENCH information in the <i>Features</i> , <i>Detailed Design Procedure</i> , and <i>Device Support</i> sections .....	1
• Added SW, 5-ns transient to the <i>Absolute Maximum Ratings</i> .....	4
• Moved Storage temperature range to the <i>Absolute Maximum Ratings</i> .....	4
• Changed the <i>Handling Ratings</i> table to the <i>ESD Ratings</i> .....	4
• Changed <a href="#">Equation 10</a> and <a href="#">Equation 11</a> .....	19
• Changed <a href="#">Equation 30</a> .....	30
• Changed <a href="#">Equation 33</a> .....	30
• Moved <i>Power Dissipation Estimate</i> to the <i>Detailed Design Procedure</i> section .....	35
• Moved the location of the <i>Safe Operating Area</i> .....	37
• Moved <i>Inverting Power Supply</i> and <i>Split-Rail Power Supply</i> to the <i>Application Information</i> section .....	41

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS54561-Q1	SLVSC60	<b>SLVSC60A</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/lit/ds/symlink/tps54561-q1.pdf>

#### Reason for Change:

To accurately reflect device thermal 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:

TPS54561QDPRRQ1	TPS54561QDPRTQ1
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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	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>