

<b>PCN Number:</b>	20160201000	<b>PCN Date:</b>	2/09/2016
<b>Title:</b>	Datasheet for TPS57140-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 updated as seen in the change revision history below:



#### TPS57140-Q1

SLVSAP3C – DECEMBER 2010 – REVISED JANUARY 2016

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

#### Changes from Revision B (March 2013) to Revision C

Page

- Added three AEC-Q100 results to features bullet list — temperature grade, HBM and CDM classification levels ..... 1
- Added *ESD Ratings* table, *Feature Description* section, *Device Functional Modes*, *Application and Implementation* section, *Power Supply Recommendations* section, *Layout* section, *Device and Documentation Support* section, and *Mechanical, Packaging, and Orderable Information* section ..... 1
- Added a capacitor between the COMP pin and ground in the *Simplified Schematic* ..... 1
- Reworded the PH output voltage specifications and specified the maximum value for  $T_J = -40^{\circ}\text{C}$  in the *Absolute Maximum Ratings* table for clarity ..... 4
- Deleted the  $R_{\theta JA}$  values for the custom board and changed the other values in the *Thermal Information* table ..... 5
- Reworded the PWRGD switching threshold specifications in the *Electrical Characteristics* table for clarity ..... 6



#### TPS57140-Q1

SLVSAP3D – DECEMBER 2010 – REVISED FEBRUARY 2016

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

#### Changes from Revision C (January 2016) to Revision D

Page

- Changed the test condition and removed the redundant values for the voltage reference parameter in the *Electrical Characteristics* table ..... 5

Device Family	Change From:	Change To:
TPS57140-Q1	SLVSAP3B	<b>SLVSAP3C</b>
TPS57140-Q1	SLVSAP3C	<b>SLVSAP3D</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/tps57140-q1>

#### Reason for Change:

To more 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:

TPS57140QDGQRQ1	TPS57140QDRCRQ1
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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.

<b>Location</b>	<b>E-Mail</b>
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>