

Notification Number:	20150706001	Notification Date:	08/19/2015
Title:	Datasheet update for TPS65381-Q1		
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 etc.

The product datasheet(s) is being updated as summarized below.
The following change history provides further details.

TPS65381-Q1

SLVSBC4E – MAY 2012 – REVISED JULY 2015

www.ti.com



Changes from Revision D (May 2015) to Revision E

Page

- Changed the maximum UV value for VDD1 from 0.97 to 0.98 in the *Voltage Monitoring Overview* table. Also updated the VDD output voltage information [35](#)
- Changed the MAX value for VDD1_UVN from 0.97 to 0.98 in the *Internal Error Signals* table. Also updated the *Device State When Flag Is Set* cells for VDD1_UVN [36](#)
- Added clarification on the watchdog fail counter and reset event requirements in the *Watchdog Enable Function* image [46](#)
- Added clarification on the watchdog fail counter and reset event requirements in the *Device Controller State Diagram* [65](#)

TPS65381-Q1

SLVSBC4D – MAY 2012 – REVISED MAY 2015

www.ti.com



Changes from Revision C (March 2015) to Revision D

Page

- Changed MIN value of VDD1_{SENSE}(4.2) from -2% to -1% in the *Electrical Characteristics* table [20](#)
- Changed MAX value of VDD1 undervoltage level (6.16) from 0.97 to 0.98 in the *Electrical Characteristics* table ... [22](#)
- Changed description of un-used VDD1 regulator in the *VDD1 Linear Regulator* section [29](#)
- Added clarification in the nMASK_VDD1_UV_OV description in the *DEV_CFG1 Register* table [71](#)

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS65381-Q1	SLVSBC4C	SLVSBC4E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/tps65381-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:
TPS65381QDAPRQ1

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