

Notification Number:	20161102001	Notification Date:	Nov 14, 2016
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Title:	Datasheet for TPS28225-Q1		
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Customer Contact:	PCN Manager	Dept:	Quality Services
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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 updated as seen in the change revision history below:



TPS28225-Q1

SLUSAR9C – DECEMBER 2011 – REVISED OCTOBER 2016

www.ti.com

Changes from Revision B (April 2015) to Revision C	Page
Deleted remaining references to the TPS25226-Q1 device	1
Deleted the AEC-Q100 qualified features (device temperature grade and HBM and CDM ESD classification) from the <i>Features</i> section	1
Changed DFN-8 to VSON-8 in the <i>Features</i> list	1
Added <i>ESD Ratings</i> table, <i>Overview</i> section, <i>Device Functional Modes</i> section, <i>Application Information</i> section, <i>Power Supply Recommendations</i> section, and <i>Receiving Notification of Documentation Updates</i> section	1
Updated the <i>Description</i> section	1
Added the 8-pin VSON (DRB) package to the data sheet	1
Deleted the lead temperature parameter from the <i>Absolute Maximum Ratings</i> table	5
Deleted the input supply voltage parameter for the TPS28226-Q1 device in the <i>Recommended Operating Conditions</i> table	5
Added resistors between UGATE and PHASE, and LGATE and GND in the <i>Functional Block Diagram</i>	12
Deleted the <i>TPS28225-Q1 3-State Exit Mode</i> section	14
Added document reference to Figure 28 and <i>Related Documentation</i> section	21
Deleted the <i>List of Materials</i> table	24
Deleted references to Q8, Q9, and Q10 MOSFETs, and the rising and falling edge switching waveforms	26
Changed <i>Layout Example</i> figure	26

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS28225-Q1	SLUSAR9B	SLUSAR9C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/lit/ds/symlink/tps28225-q1.pdf>

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 notification:

None.

Product Affected:	
TPS28225TDRBRQ1	TPS28225TDRQ1

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