

<b>PCN Number:</b>	20150213001	<b>PCN Date:</b>	02/17/2015
<b>Title:</b>	Datasheet update for TPS24710/711/712/713		
<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

### PCN 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

TPS24710, TPS24711  
TPS24712, TPS24713

SLVSAL2F – JANUARY 2011 – REVISED FEBRUARY 2015



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

#### Changes from Revision E (November 2013) to Revision F

Page

• Added ESD Rating 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
• Changed the Input voltage range, PROG - MAX value in the <i>Absolute Maximum Ratings</i> table From: 0.3 To: 3.6 .....	5
• Deleted External capacitance - GATE from the <i>Recommended Operating Conditions</i> .....	5
• Deleted text from the last paragraph in the <i>GATE</i> section "If used, any capacitor connecting GATE and GND should not exceed 1 µF and it should be connected in series with a resistor of no less than 1 kΩ." .....	15
• Deleted section: <i>Alternative Design Example: GATE Capacitor (dV/dt) Control in Inrush Mode</i> .....	29
• Deleted text from the <i>High-Gate-Capacitance Applications</i> section "When gate capacitor dV/dt control is used, ... then a Zener diode is not necessary." .....	29

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS24710/711/712/713	SLVSAL2E	<b>SLVSAL2F</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/tps24710>

<http://www.ti.com/product/tps24711>

<http://www.ti.com/product/tps24712>

<http://www.ti.com/product/tps24713>

#### Reason for Change:

To more accurately reflect device characteristics.

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

Electrical specification performance changes as indicated above.

<b>Changes to product identification resulting from this PCN:</b>
---

None.
-------

<b>Product Affected:</b>
--------------------------

TPS24710DGS	TPS24711DGS	TPS24712DGS	TPS24713DGS	
TPS24710DGSR	TPS24711DGSR	TPS24712DGSR	TPS24713DGSR	

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>