

**PCN Number:** 20161031005 **PCN Date:** Nov. 7, 2016

**Title:** Datasheet for TPS6214\*

**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.



TPS62140, TPS62140A, TPS62141, TPS62142, TPS62143  
 SLVSAJ0E –NOVEMBER 2011 –REVISED SEPTEMBER 2016

Changes from Revision D (October 2015) to Revision E	Page
• Added "Pin to Pin Compatible with TPS62130 and TPS62150" to <i>Features</i> list .....	1
• Changed the T <sub>J</sub> MAX value From: 125°C To: 150°C in the <i>Absolute Maximum Rating</i> .....	5
• Changed the <i>Thermal Information</i> values .....	5
• Changed (T <sub>J</sub> = -40°C to 85°C) To: (T <sub>J</sub> = -40°C to 125°C) in the <i>Electrical Characteristics</i> conditions .....	6
• Added a test condition for IQ at TA = -40°C to +85°C in the <i>Electrical Characteristics</i> .....	6
• Added <a href="#">Table 1</a> and <a href="#">Table 2</a> .....	10
• Added indicators (C1, C3, and C5) for capacitances to <a href="#">Figure 7</a> .....	13
• Added Switching Frequency graphs for 1.0-V, 1.8-V, and 5.0-V applications ( <a href="#">Figure 24</a> through <a href="#">Figure 31</a> ) .....	20
• Changed <a href="#">Layout Example</a> .....	29

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS6214*	SLVSAJ0D	SLVSAJ0E

These changes may be reviewed at the datasheet links provided.  
<http://www.ti.com/product/TPS62140>

**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:**

TPS62140ARGTR	TPS62140ARGTT	TPS62140RGTR	TPS62140RGTT
TPS62141RGTR	TPS62141RGTT	TPS62142RGTR	TPS62142RGTT
TPS62143RGTR	TPS62143RGTT		

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>