



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**PCN# 20150616000**  
**Datasheet update for TPS7A3001**  
**Change Notification**

Dear Customer:

This is a notice of change to a product data sheet for a device that is currently offered by Texas Instruments. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice.

The proposed first ship date is indicated on page 3 of this notification, unless customer agreement has been reached on an earlier implementation of the change.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager ([PCN\\_admin\\_team@list.ti.com](mailto:PCN_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services

**PCN# 20150616000**  
**Attachment: 1**

**Products Affected:**

According to our records, there are the affected device(s) that you have purchased within the past twenty-four (24) months. Technical details of this Product Change follow on the next page(s).

<b>PCN Number:</b>	20150616000		<b>PCN Date:</b>	07/01/2015	
<b>Title:</b>	Datasheet update for TPS7A3001				
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services		
<b>Proposed 1<sup>st</sup> Ship Date:</b>	10/01/2015				
<b>Change Type:</b>					
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design	<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>	Wafer Fab Materials
				<input type="checkbox"/>	Wafer Fab Process

### PCN Details

#### Description of Change:

The product datasheet(s) is being updated as summarized below.

The following change history provides further details.

The datasheet number will be changing.



#### TPS7A30

SBVS125D –AUGUST 2010–REVISED JUNE 2015

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

#### Changes from Revision C (April 2015) to Revision D

Page

• Added DRB package to document .....	1
• Added TI Design .....	1
• Changed <i>Packages</i> Features bullet .....	1
• Added VSON row to <i>Device Information</i> table .....	1
• Added DRB package to <i>Pin Configuration and Functions</i> section .....	4
• Changed EN pin description in <i>Pin Functions</i> table: updated voltage symbols .....	4
• Added DRB column to <i>Thermal Information</i> table .....	6
• Changed test conditions of last row in $ I_{EN} $ parameter of <i>Electrical Characteristics</i> table .....	7
• Changed title and y-axis of <a href="#">Figure 7</a> to <i>Ground Current</i> .....	9
• Changed y-axis of <a href="#">Figure 11</a> and <a href="#">Figure 12</a> to $I_Q$ .....	9
• Changed $V_{EN}$ value of disabled mode in <a href="#">Table 1</a> .....	16
• Changed first sentence of <i>Application Information</i> section .....	17
• Added <a href="#">Table 2</a> and respective description to <i>Adjustable Operation</i> section .....	17
• Deleted third sentence from <i>Capacitor Recommendations</i> section .....	17
• Changed third paragraph of <i>Power for Precision Analog</i> section .....	19
• Changed description of start-up time in <i>Design Requirements</i> section .....	20
• Changed <a href="#">Equation 3</a> .....	20
• Changed <a href="#">Equation 8</a> .....	21
• Changed fifth item in <i>Do's and Don'ts</i> section .....	23
• Changed <a href="#">Figure 40</a> footnote .....	25
• Changed 35°C to 45°C in <i>Thermal Considerations</i> section .....	26

Device Family	Change From:	Change To:
TPS7A3001	SBVS125C	SBVS125D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/tps7A30>

<b>Reason for Change:</b>			
To more accurately reflect device characteristics.			
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>			
Electrical specification performance changes as indicated above.			
<b>Changes to product identification resulting from this PCN:</b>			
None.			
<b>Product Affected:</b>			
TPS7A3001DGNR	TPS7A3001DGNT	TPS7A3001DRBR	TPS7A3001DRBT

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>