



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**PCN# 20130123000**  
**Datasheet update for TPS7A7001/TPS7A7100/TPS7A7200/TPS7A7300**  
**Informational Only**

**Date:** 2/12/2013  
**To:** Newark/Farnell PCN

Dear Customer:

This is an information-only announcement of a change to a device that is currently offered by Texas Instruments.

The changes discussed within this PCN are for your information only. Please see the attachment details for the planned implementation date.

This notification period is per TI's standard process. Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

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

Sincerely,

PCN Team  
SC Business Services  
Phone: +1(214) 480-6037  
Fax: +1(214) 480-6659

**20130123000**  
**Attachment: 1**

**Products Affected:**

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
TPS7A7001DDA	null
TPS7A7100RGWT	null
TPS7A7200RGWT	null
TPS7A7300RGWT	null

Technical details of this Product Change follow on the next page(s).

<b>PCN Number:</b>	20130123000	<b>PCN Date:</b>	02/12/2013
<b>Title:</b>	TPS7A7001/TPS7A7100/TPS7A7200/TPS7A7300 Data Sheet		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Phone:</b>	+1(214)480-6037
		<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process
<input type="checkbox"/>	Design	<input checked="" type="checkbox"/>	Electrical Specification
<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Packing/Shipping/Labeling
<input type="checkbox"/>	Wafer Bump Site	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>	Wafer Fab Site	<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Assembly Materials
		<input type="checkbox"/>	Mechanical Specification
		<input type="checkbox"/>	Test Process
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Process

### PCN Details

#### Description of Change:

The product datasheet(s) is being updated to Delete MAX Output Current Limit.

The following change history provides further details. These changes can be reviewed at the datasheet links provided.

#### TPS7A7001



[SBVS134C – JANUARY 2012 – REVISED JANUARY 2013](#)

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

#### REVISION HISTORY

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision B (July 2012) to Revision C Page

- Deleted maximum value for Output Current Limit parameter in Electrical Characteristics table ..... 4

#### TPS7A7100



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

[SBVS189D – MARCH 2012 – REVISED JANUARY 2013](#)

#### REVISION HISTORY

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision C (May 2012) to Revision D Page

- Added C<sub>FF</sub> capacitor to front page block diagram ..... 1
- Added C<sub>FF</sub> test condition and table note to Electrical Characteristics ..... 4
- Deleted maximum value for Output Current Limit parameter in Electrical Characteristics table ..... 4
- Added text to FB pin description ..... 6
- Added C<sub>FF</sub> capacitor to [Figure 34](#) ..... 13
- Added C<sub>FF</sub> capacitor to [Figure 35](#) ..... 13
- Added C<sub>FF</sub> capacitor to [Figure 36](#) ..... 13
- Added C<sub>FF</sub> capacitor to [Figure 37](#) ..... 13
- Added C<sub>FF</sub> capacitor to [Figure 38](#) ..... 14
- Added C<sub>FF</sub> capacitor to [Figure 39](#) ..... 14
- Added C<sub>FF</sub> capacitor to [Figure 40](#) ..... 16
- Changed capacitor values in first sentence of [OUTPUT CAPACITOR REQUIREMENTS](#) section ..... 17

**REVISION HISTORY**

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision C (May 2012) to Revision D	Page
• Added C <sub>FF</sub> capacitor to front page block diagram .....	1
• Added C <sub>FF</sub> test condition and table note to Electrical Characteristics .....	4
• Deleted maximum value for Output Current Limit parameter in Electrical Characteristics table .....	4
• Added text to FB pin description .....	6
• Added C <sub>FF</sub> capacitor to Figure 34 .....	13
• Added C <sub>FF</sub> capacitor to Figure 35 .....	13
• Added C <sub>FF</sub> capacitor to Figure 36 .....	13
• Added C <sub>FF</sub> capacitor to Figure 37 .....	13
• Added C <sub>FF</sub> capacitor to Figure 38 .....	14
• Added C <sub>FF</sub> capacitor to Figure 39 .....	14
• Added C <sub>FF</sub> capacitor to Figure 40 .....	16
• Changed capacitor values in first sentence of <b>OUTPUT CAPACITOR REQUIREMENTS</b> section .....	17

**REVISION HISTORY**

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision B (April 2012) to Revision C	Page
• Deleted maximum value for Output Current Limit parameter in Electrical Characteristics table .....	4

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS7A7001	SBVS134B	<b>SBVS134C</b>
TPS7A7100	SBVS189C	<b>SBVS189D</b>
TPS7A7200	SBVS136C	<b>SBVS136D</b>
TPS7A7300	SBVS190B	<b>SBVS190C</b>

The updated datasheet(s) can be accessed by the following link(s):

<http://www.ti.com/product/tps7a7001>

<http://www.ti.com/product/tps7a7100>

<http://www.ti.com/product/tps7a7200>

<http://www.ti.com/product/tps7a7300>

<b>Reason for Change:</b>			
To more accurately reflect device characteristics.			
<b>Anticipated impact on Form, Fit, 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>			
TPS7A7001DA	TPS7A7100RGTT	TPS7A7200RGTR	TPS7A7200RGWT
TPS7A7001DA	TPS7A7100RGWR	TPS7A7200RGTT	TPS7A7300RGWR
TPS7A7100RGTR	TPS7A7100RGWT	TPS7A7200RGWR	TPS7A7300RGWT

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>