

PCN Number:	20170614001	PCN Date:	June 19, 2017
Title:	Datasheet for TPS7A7002		
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"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<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 being updated as summarized below. The following change history provides further details.



TPS7A7002

SBVS209D – MAY 2013 – REVISED APRIL 2017

Changes from Revision C (July 2015) to Revision D

Page

- Changed OUT pin description text from "TI recommends using at least a 4.7- μ F ceramic capacitor, and up to 10 μ F for a good transient response." to " A 4.7- μ F or larger capacitor of any type is required for stability." for clarity..... 3
- Changed "operating free-air" to "junction" in *Absolute Maximum Ratings* table condition line 4
- Added rows for enable pin voltage, input capacitor, output capacitor, and feedforward capacitance to *Recommended Operating Conditions* table..... 4
- Added min value of 0 to output current in *Recommended Operating Conditions* table 4
- Changed note (1) in *Electrical Characteristics* table; deleted initial reference to R₁ and updated R₂ resistor range..... 5
- Changed *Output Capacitor (OUT)* section; reworded for clarity..... 9

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS7A7002	SBVS209C	SBVS209D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS7A7002>

Reason for Change:

To 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:

TPS7A7002DDA	TPS7A7002DDAR		
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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