

<b>PCN Number:</b>	20150518000	<b>PCN Date:</b>	05/19/2015
<b>Title:</b>	Datasheet update for TPS3847		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Proposed 1<sup>st</sup> Ship Date:</b>	8/19/2015		
<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:

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

The following change history provides further details.



#### TPS3847

SBVS231A – AUGUST 2014 – REVISED MARCH 2015

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

#### Changes from Original (August 2014) to Revision A

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• Changed device name to reflect entire family of devices .....	1
• Changed all SOT-23 to SOT .....	1
• Changed $\overline{MR}$ maximum specification in <i>Absolute Maximum Ratings</i> table .....	4
• Changed $V_{(MR)}$ maximum specification in <i>Recommended Operating Conditions</i> table .....	4
• Deleted maximum value for $C_{IN}$ in <i>Recommended Operating Conditions</i> .....	4
• Changed conditions of <i>Electrical Characteristics</i> table: added condition for typical values .....	5
• Added new row to $V_{IT-}$ for TPS3847108 in <i>Electrical Characteristics</i> .....	5
• Added new row to $V_{HYS}$ for TPS3847108 in <i>Electrical Characteristics</i> .....	5
• Added maximum specification to second row of $V_{OL}$ parameter in <i>Electrical Characteristics</i> table .....	5
• Changed $V_{OH}$ test conditions to $I_{OH} = 2\text{ mA}$ in <i>Electrical Characteristics</i> table .....	5
• Added conditions to <i>Timing Requirements</i> table .....	6
• Changed $t_{d(START)}$ maximum specification in <i>Timing Requirements</i> table .....	6
• Added condition to <a href="#">Figure 2</a> .....	7
• Changed Y-axis in <a href="#">Figure 12</a> .....	10
• Changed title of <i>Typical Application</i> section .....	12

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS3847	SBVS231	<b>SBVS231A</b>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/tps3847>

#### 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>			
TPS3847085DBVR	TPS3847085DBVT	TPS3847108DBVR	TPS3847108DBVT

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>
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