



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20190916000**  
**Datasheet for TPS3836, TPS3837, TPS3838**  
**Information Only**

**Date:** November 15, 2019  
**To:** Newark/Farnell PCN

Dear Customer:

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

The changes discussed within this notification are for your information only.

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 team ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services


## Information Only Attachments

### 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>
TPS3838K33DBVT	null
TPS3836E18DBVT	null
TPS3836H30DBVT	null
TPS3836K33DBVT	null
TPS3836L30DBVT	null
TPS3837K33DBVT	null
TPS3838E18DBVR	null
TPS3838E18DBVT	null
TPS3838J25DBVT	null
TPS3836J25DBVT	null
TPS3838K33DBVR	null
TPS3838L30DBVT	null

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

<b>PCN Number:</b>	<b>20190916000</b>	<b>PCN Date:</b>	Nov. 15, 2019
<b>Title:</b>	Datasheet for TPS3836, TPS3837, TPS3838□		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<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
<b>Notification Details</b>			
<b>Description of Change:</b>			
<p>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.</p>			
		<b>TPS3836, TPS3837, TPS3838</b> <small>SLVS292F – JUNE 2000 – REVISED SEPTEMBER 2019</small>	
<b>Changes from Revision E (October 2010) to Revision F</b>			<b>Page</b>
<ul style="list-style-type: none"> <li>• Changed format to meet latest data sheet standards; changed data sheet title, added <i>Device Information</i> table, <i>Pin Configurations and Functions</i>, <i>Parameter Measurement Information</i>, <i>Detailed Description</i>, <i>Application and Implementation</i>, <i>Power Supply Recommendations</i>, <i>Layout</i>, <i>Receiving Notification of Documentation Updates</i>, and <i>Support Resources</i> sections. Moved existing sections into the new format ..... 1</li> <li>• Changed 2x2 WSON to 2-mm × 2-mm WSON in fifth Features bullet ..... 1</li> <li>• Changed link to automotive data sheet ..... 1</li> <li>• Added full acronym name for DSP to first sentence of <i>Description</i> section ..... 1</li> <li>• Changed 2x2 WSON to 2-mm × 2-mm WSON in last paragraph of <i>Description</i> section ..... 1</li> <li>• Changed <i>Ordering Information</i> table to <i>Device Comparison Table</i> ..... 3</li> <li>• Deleted soldering temperature parameter from <i>Absolute Maximum Ratings</i> table ..... 4</li> <li>• Moved storage temperature range to <i>Absolute Maximum Ratings</i> table ..... 4</li> <li>• Changed <i>Handling Ratings</i> table to <i>ESD Ratings</i> ..... 4</li> <li>• Added <i>Thermal Information</i> table ..... 5</li> <li>• Moved propagation (delay) time maximum values to the TYP column ..... 6</li> <li>• Changed propagation times for the high-to-low-level output and low-to-high-level output from: 0.1 μs to: 0.3 μs ..... 6</li> </ul>			
The datasheet number will be changing.			
Device Family	Change From:	Change To:	
TPS3836, TPS3837, TPS3838□	SLVS292E	SLVS292F	
<p>These changes may be reviewed at the datasheet links provided.</p> <p><a href="http://www.ti.com/product/TPS3836">http://www.ti.com/product/TPS3836</a></p>			
<b>Reason for Change:</b>			
To accurately reflect device characteristics.			
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>			
No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.			
<b>Changes to product identification resulting from this PCN:</b>			
None.			

<b>Product Affected:</b>			
TPS3836E18DBVR	TPS3836L30DBVR	TPS3837L30DBVR	TPS3838K33DBVR
TPS3836E18DBVT	TPS3836L30DBVRG4	TPS3837L30DBVT	TPS3838K33DBVRG4
TPS3836E18DBVTG4	TPS3836L30DBVT	TPS3837L30DBVTG4	TPS3838K33DBVT
TPS3836H30DBVR	TPS3836L30DBVTG4	TPS3838E18DBVR	TPS3838K33DBVTG4
TPS3836H30DBVT	TPS3837E18DBVT	TPS3838E18DBVRG4	TPS3838K33DRVR
TPS3836J25DBVR	TPS3837E18DBVTG4	TPS3838E18DBVT	TPS3838K33DRVT
TPS3836J25DBVT	TPS3837J25DBVR	TPS3838E18DBVTG4	TPS3838L30DBVR
TPS3836K33DBVR	TPS3837J25DBVT	TPS3838J25DBVR	TPS3838L30DBVRG4
TPS3836K33DBVRG4	TPS3837K33DBVR	TPS3838J25DBVRG4	TPS3838L30DBVT
TPS3836K33DBVT	TPS3837K33DBVT	TPS3838J25DBVT	TPS3838L30DBVTG4
TPS3836K33DBVTG4	TPS3837K33DBVTG4	TPS3838J25DBVTG4	

For questions regarding this notice, e-mails can be sent to the 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>
WW PCN Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

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