



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

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

Date: November 15, 2019
To: TOKYO ELECTRON DEVICE (DSTR) 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).

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.

DEVICE	CUSTOMER PART NUMBER
TPS3838J25DBVT	null
TPS3836K33DBVT	null
TPS3838L30DBVR	null
TPS3838L30DBVT	null
TPS3836H30DBVR	null
TPS3836J25DBVR	null

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

PCN Number:	20190916000	PCN Date:	Nov. 15, 2019
Title:	Datasheet for TPS3836, TPS3837, TPS3838□		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<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	
Notification Details			
Description of Change:			
<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>			
<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> TPS3836, TPS3837, TPS3838 <small>SLVS292F – JUNE 2000 – REVISED SEPTEMBER 2019</small> </div> </div>			
Changes from Revision E (October 2010) to Revision F			Page
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> Changed 2x2 WSON to 2-mm × 2-mm WSON in fifth Features bullet 			1
<ul style="list-style-type: none"> Changed link to automotive data sheet 			1
<ul style="list-style-type: none"> Added full acronym name for DSP to first sentence of <i>Description</i> section 			1
<ul style="list-style-type: none"> Changed 2x2 WSON to 2-mm × 2-mm WSON in last paragraph of <i>Description</i> section 			1
<ul style="list-style-type: none"> Changed <i>Ordering Information</i> table to <i>Device Comparison Table</i> 			3
<ul style="list-style-type: none"> Deleted soldering temperature parameter from <i>Absolute Maximum Ratings</i> table 			4
<ul style="list-style-type: none"> Moved storage temperature range to <i>Absolute Maximum Ratings</i> table 			4
<ul style="list-style-type: none"> Changed <i>Handling Ratings</i> table to <i>ESD Ratings</i> 			4
<ul style="list-style-type: none"> Added <i>Thermal Information</i> table 			5
<ul style="list-style-type: none"> Moved propagation (delay) time maximum values to the TYP column 			6
<ul style="list-style-type: none"> 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
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>http://www.ti.com/product/TPS3836</p>			
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:			
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.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
WW PCN Team	PCN_ww_admin_team@list.ti.com

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.