



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20250418000.1
Datasheet for TPS25984x
Change Notification

Date: April 28, 2025
To: MOUSER PCN

Dear Customer:

This is a notice of change to a product data sheet for a device that is currently offered by Texas Instruments. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **60** days of the date of this notice. Lack of acknowledgement of this notice within 60 days constitutes acceptance and approval of this change.

The proposed first ship date is indicated on page 3 of this notification, unless customer agreement has been reached on an earlier implementation of the change.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

For questions regarding this notice, contact your local Field Sales Representative or the Change Management team.

Sincerely,

Change Management Team
SC Business Services


20250418000.1
Data Sheet Change Notification
Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TPS259840RZJR	NULL
TPS259841RZJR	NULL

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

PCN Number:	20250418000.1			PCN Date:	April 28, 2025																
Title:	Datasheet for TPS25984x																				
Customer Contact:	Change Management team	Dept:	Quality Services																		
Proposed 1st Ship Date:	July 27, 2025																				
Change Type:																					
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design	<input type="checkbox"/>	Wafer Bump Material																
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Datasheet	<input type="checkbox"/>	Wafer Bump Process																
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>	Wafer Fab Site																
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Wafer Fab Materials																
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>	Wafer Fab Process																
PCN Details																					
Description of Change:																					
<p>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;"> TPS25984 SLVSGX1B – JULY 2023 – REVISED APRIL 2025 </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision A (October 2023) to Revision B (April 2025)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• R_{ON} (room temp) From: 0.87mΩ (MAX) To: 1.13mΩ (MAX) in the <i>Electrical Characteristics</i> table.....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• R_{ON} (across temp) From: 1.16mΩ (MAX) To: 1.5mΩ (MAX) in the <i>Electrical Characteristics</i> table.....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• R_{ON(ACS)} From: 1.12mΩ (MAX) To: 1.8mΩ (MAX) in the <i>Electrical Characteristics</i> table.....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• R_{ON(GHI)} From: 1.4mΩ (MAX) To: 1.8mΩ (MAX) in the <i>Electrical Characteristics</i> table.....</td> <td style="text-align: right;">6</td> </tr> </tbody> </table> <p>*No silicon change associated with the changes announced in the notification.</p> <p>The datasheet number will be changing.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Device Family</td> <td style="width: 33%;">Change From:</td> <td style="width: 33%;">Change To:</td> </tr> <tr> <td>TPS25984x</td> <td>SLVSGX1A</td> <td>SLVSGX1B</td> </tr> </table> <p>These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/TPS25984</p>						Changes from Revision A (October 2023) to Revision B (April 2025)	Page	• R _{ON} (room temp) From: 0.87mΩ (MAX) To: 1.13mΩ (MAX) in the <i>Electrical Characteristics</i> table.....	6	• R _{ON} (across temp) From: 1.16mΩ (MAX) To: 1.5mΩ (MAX) in the <i>Electrical Characteristics</i> table.....	6	• R _{ON(ACS)} From: 1.12mΩ (MAX) To: 1.8mΩ (MAX) in the <i>Electrical Characteristics</i> table.....	6	• R _{ON(GHI)} From: 1.4mΩ (MAX) To: 1.8mΩ (MAX) in the <i>Electrical Characteristics</i> table.....	6	Device Family	Change From:	Change To:	TPS25984x	SLVSGX1A	SLVSGX1B
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TPS25984x	SLVSGX1A	SLVSGX1B																			
Reason for Change:																					
To accurately reflect device characteristics.																					
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):																					
Electrical specification performance changes as indicated above.																					
Changes to product identification resulting from this PCN:																					
None.																					
Product Affected:																					
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