



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20221213002.0
Datasheet for LP2985
Information Only**

Date: December 16, 2022

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 Change Management team (PCN_ww_admin_team@list.ti.com).

Sincerely,

Change Management 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
LP2985-10DBVT	null
LP2985-18DBVT	null
LP2985-33DBVT	null
LP2985-50DBVT	null
LP2985A-25DBVR	null
LP2985A-33DBVR	null
LP2985A-33DBVT	null
LP2985A-50DBVR	null
LP2985A-25DBVT	null
LP2985A-50DBVT	null
LP2985-33DBVR	null
LP2985-50DBVR	null

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

Notification Number:	20221213002.0	Notification Date:	December 16, 2022
Title:	Datasheet for LP2985		
Customer Contact:	Notification Manager	Dept:	Quality Services
Change Type: Electrical Specification			

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.



LP2985
SLVS522Q – JULY 2004 – REVISED DECEMBER 2022

Changes from Revision P (February 2022) to Revision Q (December 2022)	Page
• Changed <i>Features</i> section.....	1
• Added last bullet to <i>Applications</i> section.....	1
• Changed <i>Description</i> section.....	1
• Changed <i>Description</i> column and added footnote to <i>Pin Functions</i> table	3
• Changed condition statement and curve titles and added curves for new chip in <i>Typical Characteristics</i> section.....	9
• Changed <i>Overview</i> section.....	16
• Changed <i>Functional Block Diagram</i> figure.....	16
• Changed <i>Feature Description</i> section and added subsections.....	16
• Added <i>Output Pulldown</i> section.....	18
• Changed <i>Device Functional Modes</i> section: changed <i>Normal Operation</i> section, added <i>Device Functional Mode Comparison</i> , <i>Dropout Operation</i> , and <i>Disabled</i> sections, and deleted <i>Shutdown Mode</i> section.....	18
• Changed <i>Application Information</i> section: deleted previous information and added new subsections.....	20
• Changed LOW and HIGH pin voltages and deleted slew rate discussion from <i>ON/OFF Operation</i> section....	23
• Changed <i>Application Curves</i> section.....	24
• Changed <i>Layout Diagram</i> figure.....	28
• Added <i>Device Nomenclature</i> section.....	29

The datasheet number will be changing.

Device Family	Change From:	Change To:
LP2985	SLVS522P	SLVS522Q

These changes may be reviewed at the datasheet links provided.
<http://www.ti.com/product/LP2985>

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 notification:

None.

Product Affected:

LP2985-10DBVR	LP2985-30DBVT	LP2985-50DBVTM3	LP2985A-33DBVR	
LP2985-10DBVT	LP2985-30DBVTG4	LP2985A-10DBVR	LP2985A-33DBVRG4	
LP2985-18DBVR	LP2985-33DBVR	LP2985A-10DBVT	LP2985A-33DBVRM3	
LP2985-18DBVRE4	LP2985-33DBVRE4	LP2985A-18DBVJ	LP2985A-33DBVT	
LP2985-18DBVRG4	LP2985-33DBVRG4	LP2985A-18DBVR	LP2985A-33DBVTE4	
LP2985-18DBVRM3	LP2985-33DBVRM3	LP2985A-18DBVRG4	LP2985A-33DBVTG4	

LP2985-18DBVT	LP2985-33DBVT	LP2985A-18DBVT	LP2985A-50DBVR	
LP2985-18DBVTG4	LP2985-33DBVTE4	LP2985A-25DBVR	LP2985A-50DBVRG4	
LP2985-25DBVR	LP2985-33DBVTG4	LP2985A-25DBVRG4	LP2985A-50DBVRM3	
LP2985-25DBVT	LP2985-33DBVTM3	LP2985A-25DBVT	LP2985A-50DBVT	
LP2985-28DBVR	LP2985-50DBVR	LP2985A-28DBVR	LP2985I30/DWA	
LP2985-28DBVT	LP2985-50DBVRG4	LP2985A-28DBVT	LP2985IM5X-3.3/S5001421	
LP2985-28DBVTG4	LP2985-50DBVRM3	LP2985A-29DBVR	PLP2985-18DBVRM3	
LP2985-29DBVR	LP2985-50DBVT	LP2985A-30DBVR	PLP2985A-33DBVRM3	
LP2985-30DBVR	LP2985-50DBVTG4	LP2985A-30DBVT	PLP2985A-50DBVRM3	
LP2985-30DBVRG4				

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
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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