

**Notification# 20221206000.0
Datasheet for TPS715
Information Only**

Date: December 09, 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
TPS71518DCKR	null
TPS71501DCKR	null
TPS71525DCKR	null
TPS71533DCKR	null
TPS71550DCKR	null

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

Notification Number:	20221206000.0	Notification Date:	December 09, 2022
Title:	Datasheet for TPS715		
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.



TPS715
SLVS338T – MAY 2001 – REVISED DECEMBER 2022

Changes from Revision S (August 2022) to Revision T (December 2022)	Page
• Added information for M3 devices (new chip information) to document.....	1
• Changed <i>Features</i> section: changed adjustable output voltage options, changed <i>Specified junction temperature</i> to <i>Operating junction temperature</i> , and reordered <i>Features</i> bullets.....	1
• Added <i>Quiescent Current vs Load Current</i> curve to front page.....	1
• Deleted low power level discussion from <i>Description</i> section.....	1
• Changed <i>Typical Application Schematic</i> figure.....	1
• Changed <i>Pin Functions</i> table: changed <i>Description</i> column and added footnote.....	4
• Added condition statement and characterization conditions plots to <i>Typical Characteristics</i> section.....	8
• Changed curve titles in <i>Typical Characteristics</i> section to distinguish between new and legacy chips.....	8
• Changed block diagrams in <i>Functional Block Diagrams</i> section.....	11
• Changed <i>Low Quiescent Current</i> section and title.....	12
• Deleted thermal shutdown discussion from <i>Current Limit</i> section.....	12
• Changed third bullet in <i>Normal Operation</i> section.....	13
• Changed <i>Application Information</i> section.....	14
• Changed <i>Typical Application</i> section.....	14
• Changed output operating voltage range from 1.2 V to 15 V to 1.205 V to 15 V in <i>Setting VOUT for the TPS71501 Adjustable LDO</i>	14
• Added reverse current limit discussion to <i>Reverse Current</i> section.....	15
• Changed <i>Application Curves</i> section	18
• Deleted sentence stating <i>This input supply must be well regulated</i> from <i>Power Supply Recommendations</i> section.....	19
• Changed <i>Example Layout for the TPS71501DCK</i> figure.....	20
• Changed <i>Device Nomenclature</i> table.....	21

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS715	SLVS338S	SLVS338T

These changes may be reviewed at the datasheet links provided.

<https://www.ti.com/product/TPS715>

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:

PTPS71501DCKRM3	PTPS71533DCKRM3	PTPS71550DCKRM3	TPS71501DCKR
TPS71501DCKRG4	TPS71518DCKR	TPS71518DCKRG4	TPS71519DCKR
TPS71523DCKR	TPS71525DCKR	TPS71525DCKRG4	TPS71530DCKR

TPS71530DCKRG4	TPS71533DCKR	TPS71533DCKRG4	TPS715345DCKR	
TPS71550DCKR	TPS71550DCKRG4			

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
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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