

<b>Notification Number:</b>	20221206000.0	<b>Notification Date:</b>	December 09, 2022
<b>Title:</b>	Datasheet for TPS715		
<b>Customer Contact:</b>	<a href="#">Notification Manager</a>	<b>Dept:</b>	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

<b>Changes from Revision S (August 2022) to Revision T (December 2022)</b>	<b>Page</b>
• 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	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

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