

Notification Number:	20230522020.0	Notification Date:	May 23, 2023
Title:	Datasheet for TPS715-Q1		
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-Q1
SGLS272I – OCTOBER 2004 – REVISED MAY 2023

Changes from Revision H (October 2015) to Revision I (May 2023)	Page
• Added M3 devices to document.....	1
• Changed document title and <i>Features, Applications, and Description</i> sections.....	1
• Changed <i>Pin Configuration and Functions</i> section: Added fixed and adjustable pinouts and changed <i>Description</i> column of <i>Pin Functions</i> table.....	3
• Changed <i>Typical Characteristics</i> section: Reordered curves and added M3-specific curves.....	7
• Changed <i>Overview</i> section.....	11
• Changed <i>Feature Description</i> : Added new subsections, deleted <i>Regulator Protection</i> and <i>Adjustable Output Voltage</i> sections, changed <i>Current Limit</i> section.....	11
• Changed <i>Device Functional Modes</i> section: Deleted <i>Disabled</i> row from <i>Device Functional Mode Comparison</i> table and changed <i>Dropout Operation</i> section.....	13
• Changed <i>Application Information</i> section.....	14
• Changed <i>Typical Application Circuit (Fixed-Voltage Version)</i> figure and added <i>TPS71501 Adjustable LDO Regulator Programming</i> figure.....	14
• Changed <i>Detailed Design Procedure</i> section: Added subsections, changed <i>External Capacitor Requirements</i> section.....	14
• Added M3-specific curves to <i>Application Curves</i> section.....	17
• Added <i>Device Support</i> and <i>Documentation Support</i> sections.....	20

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS715-Q1	SGLS272H	SGLS272I

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS715-Q1>

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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:

PTPS71501QDCKRM3	PTPS71533QDCKRM3	PTPS71550QDCKRM3	TPS71501QDCKRQ1	
TPS71525QDCKRQ1	TPS71530QDCKRQ1	TPS71533QDCKRQ1	TPS71550QDCKRQ1	

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
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