

Notification Number:	20210726005	Notification Date:	August 02, 2021
Title:	Datasheet for TPS62868x		
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.



TPS62868, TPS62869

SLVSFS3B – SEPTEMBER 2020 – REVISED JULY 2021

Changes from Revision A (December 2020) to Revision B (July 2021)	Page
• Globally changed instances of legacy terminology to controller and target where I ² C is mentioned.....	1
• Corrected start-up output voltage for TPS6286xxxC device variants in <i>Device Options</i> table.....	3
• Changed "VID" to "VSET/VID" in <i>Device Options</i> table.....	3
• Added inductor values to <i>Recommended Operating Conditions</i> table.....	5
• Corrected number of pins in <i>Thermal Information</i> table.....	5
• Added quiescent current specification for TPS6286x0A/C devices in <i>Electrical Characteristics</i> table	7
• Changed high-level input voltage threshold in <i>Electrical Characteristics</i> table	7
• Added separate enable delay time parameter for TPS6286x0C device variants.....	7
• Added footnote.....	7
• Added power-good deglitch block to <i>Functional Block Diagram</i>	12
• Added <i>100% Duty Cycle Mode Operation</i> section.....	13
• Added section describing the start-up output voltage for TPS6286xxxC device variants.....	14
• Corrected value of C1 in <i>List of Components</i> table.....	22
• Updated data in <i>Thermal Derating</i> plot for V _{OUT} = 1.675 V.....	25
• Added typical application example for TPS6286x0A and TPS6286x0xC device variants.....	28
• Changed <i>Layout Example</i> image.....	31

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS62868x	SLVSFS3A	SLVSFS3B

These changes may be reviewed at the datasheet links provided.

<https://www.ti.com/product/TPS62868>

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:

TPS628681ARQYR	TPS628682ARQYR	TPS628690ARQYR	TPS628691ARQYR
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