

PCN Number:	20170821001	PCN Date:	August 28, 2017
Title:	Datasheet for TPS53622, TPS53659, TPS53679		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

Notification Details

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.



TPS53622

SLUSCQ4C –NOVEMBER 2016–REVISED JULY 2017

Changes from Revision B (March 2017) to Revision C

Page

- Added temperature limit of $-10^{\circ}\text{C} \leq T_A \leq 125^{\circ}\text{C}$ to *Open-drain pulldown resistance* (R_{RSVIDL}) specification in [Section 4.11](#) [15](#)
- Deleted Controller minimum off-time specification in [Section 4.12](#) table [16](#)
- Added $T_A = 25^{\circ}\text{C}$ to Condition statment for [Section 4.18](#) table [21](#)
- Updated the description of [MFR_SPECIFIC_15](#) [88](#)
- Updated the description of [MFR_SPECIFIC_08](#). [91](#)
- Added [Output Voltage Scaling](#) to *Programming* Section [104](#)



TPS53659

SLUSC45C –NOVEMBER 2016–REVISED JULY 2017

Changes from Revision B (March 2017) to Revision C

Page

- Added temperature limit of $-10^{\circ}\text{C} \leq T_A \leq 125^{\circ}\text{C}$ to *Open-drain pulldown resistance* (R_{RSVIDL}) specification in [Section 4.11](#) section [15](#)
- Deleted *Controller minimum off-time* specification in [Section 4.12](#) table [16](#)
- Added $T_A = 25^{\circ}\text{C}$ to Condition statment for [Section 4.18](#) table [22](#)
- Updated the description of [MFR_SPECIFIC_15](#) [97](#)
- Updated the description of [MFR_SPECIFIC_08](#). [100](#)
- Added [Output Voltage Scaling](#) to *Programming* Section [113](#)

Changes from Revision B (March 2017) to Revision C

Page

- Added temperature limit of $-10^{\circ}\text{C} \leq T_A \leq 125^{\circ}\text{C}$ to *Open-drain pulldown resistance* (R_{RSVIDL}) specification in [Section 4.11](#) [15](#)
- Deleted Controller minimum off-time specification in [Section 4.12](#) table [16](#)
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- Updated the description of [MFR_SPECIFIC_15](#) [96](#)
- Updated the description of [MFR_SPECIFIC_08](#). [99](#)
- Added [Output Voltage Scaling](#) to *Programming* Section [112](#)

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS53622	SLUSCQ4B	SLUSCQ4C
TPS53659	SLUSC45B	SLUSC45C
TPS53679	SLUSC47B	SLUSC47C

The document is not available on the TI website. Please contact the TI Customer Quality Engineer (CQE) for a copy of the datasheet.

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 PCN:

None.

Product Affected:

TPS53622RSBR	TPS53622RSBT	TPS53659RSBR	TPS53659RSBT
TPS53679RSBR	TPS53679RSBT		

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
Japan	PCNJapanContact@list.ti.com