



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**Notification# 20240805003.0**  
**Datasheet for TPS650331-Q1, TPS650330-Q1, TPS650333-Q1, TPS650320-Q1,**  
**TPS650332-Q1, TPS650350-Q1**  
**Information Only**

**Date:** August 06, 2024

**To:** MOUSER PCN

Dear Customer:

This is an information-only announcement of a change to 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.

Sincerely,

Change Management Team  
SC Business Services

**20240805003.0**  
**Information Only Datasheet**  
**Attachments**

**Products Affected:**

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
TPS65032001RGERQ1	NULL
TPS65032002QRGERQ1	NULL
TPS65032006RGERQ1	NULL
TPS6503200AQRGERQ1	NULL
TPS6503200BRGERQ1	NULL
TPS6503200CRGERQ1	NULL
TPS65032018ARGERQ1	NULL
TPS65033104RGERQ1	NULL
TPS65033201RGERQ1	NULL
TPS65033203RGERQ1	NULL
TPS65033205QRGERQ1	NULL
TPS65033206RGERQ1	NULL
TPS65033207RGERQ1	NULL
TPS65033208RGERQ1	NULL
TPS65033209QRGERQ1	NULL
TPS6503320AARGERQ1	NULL
TPS6503320CRGERQ1	NULL
TPS6503320DRGERQ1	NULL
TPS6503320FRGERQ1	NULL
TPS6503320GRGERQ1	NULL
TPS6503320HARGERQ1	NULL
TPS65033302RGERQ1	NULL
TPS65033303RGERQ1	NULL
TPS65033304RGERQ1	NULL

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

<b>PCN Number:</b>	20240805003.0	<b>PCN Date:</b>	August 06, 2024
<b>Title:</b>	Datasheet for TPS650331-Q1, TPS650330-Q1, TPS650333-Q1, TPS650320-Q1, TPS650332-Q1, TPS650350-Q1		
<b>Customer Contact:</b>	Change Management team	<b>Dept:</b>	Quality Services
<b>Change Type:</b>	Electrical Specification		

### PCN 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.



**TPS650331-Q1**  
SLVSEF1B – MAY 2022 – REVISED APRIL 2024

<b>Changes from Revision A (March 2024) to Revision B (April 2024)</b>	<b>Page</b>
• Updated A1-A4 pin description to include information on the RGE0024K stencil design.....	3

<b>Changes from Revision * (May 2022) to Revision A (March 2024)</b>	<b>Page</b>
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	11
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	12



**TPS650330-Q1**  
SLVSEM6D – MAY 2019 – REVISED APRIL 2024

<b>Changes from Revision C (March 2024) to Revision D (April 2024)</b>	<b>Page</b>
• Updated A1-A4 pin description to include information on the RGE0024K stencil design.....	3

<b>Changes from Revision B (September 2022) to Revision C (March 2024)</b>	<b>Page</b>
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	11
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	12



**TPS650333-Q1**  
SLVSEZ3B – MAY 2022 – REVISED APRIL 2024

<b>Changes from Revision A (March 2024) to Revision B (April 2024)</b>	<b>Page</b>
• Updated A1-A4 pin description to include information on the RGE0024K stencil design.....	3

<b>Changes from Revision * (May 2022) to Revision A (March 2024)</b>	<b>Page</b>
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	11
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	12



**TPS650320-Q1**  
SLVSFA1B – JANUARY 2022 – REVISED APRIL 2024

Changes from Revision A (March 2024) to Revision B (April 2024)	Page
• Updated A1-A4 pin description to include information on the RGE0024K stencil design.....	3

Changes from Revision * (January 2022) to Revision A (March 2024)	Page
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	11
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	12



TPS650332-Q1  
SLVSG12C – NOVEMBER 2021 – REVISED APRIL 2024

Changes from Revision B (March 2024) to Revision C (April 2024)	Page
• Updated A1-A4 pin description to include information on the RGE0024K stencil design.....	3

Changes from Revision A (September 2022) to Revision B (March 2024)	Page
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	11
• Updated VOH level from absolute 0.8V to 0.8*VIO for VIO related levels.....	12



TPS650350-Q1  
SLVSGN6B – NOVEMBER 2022 – REVISED NOVEMBER 2023

Changes from Revision A (May 2023) to Revision B (November 2023)	Page
• Changed the pin table to match the pinout diagram.....	3

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS650331-Q1	SLVSEF1	<b>SLVSEF1B</b>
TPS650330-Q1	SLVSEM6B	<b>SLVSEM6D</b>
TPS650333-Q1	SLVSEZ3	<b>SLVSEZ3B</b>
TPS650320-Q1	SLVSFA1	<b>SLVSFA1B</b>
TPS650332-Q1	SLVSG12A	<b>SLVSG12C</b>
TPS650350-Q1	SLVSGN6A	<b>SLVSGN6B</b>

The document is not available on the TI website. Please contact the document owner at [pyi@ti.com](mailto:pyi@ti.com) or visit the MySecure site for a copy of the full 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:**

TPS6503320RGERQ1	TPS65033302RGERQ1	TPS65033303RGERQ1	TPS6503320AARGERQ1
TPS65032018ARGERQ1	TPS6503200CRGERQ1	TPS65033205QRGETQ1	TPS65032001RGERQ1
TPS65033201RGERQ1	TPS65033203RGERQ1	TPS65032002QRGERQ1	TPS65033304RGERQ1

TPS65032018ARGETQ1	TPS6503320HARGERQ1	TPS6503200BRGERQ1	TPS65033206RGERQ1
TPS65033104RGERQ1	TPS6503320FRGERQ1	TPS6503200AQRGERQ1	TPS6503200AQRGETQ1
TPS65032006RGERQ1	TPS65033205QRGERQ1	TPS6503320DRGERQ1	TPS65033209QRGERQ1
TPS65033207RGERQ1	TPS6503320CRGERQ1	TPS65033208RGERQ1	TPS65033209QRGETQ1

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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