



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20260520002.0
Datasheet for TPS7E81-Q1 and TPS7E82-Q1
Information Only**

Date: May 22, 2026
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

20260520002.0
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.

DEVICE	CUSTOMER PART NUMBER
TPS7E8201QDBVRQ1	595-TPS7E8201QDBVRQ1
TPS7E8125AQDBVRQ1	595-TPS7E8125AQDBVRQ1
TPS7E8133QDBVRQ1	595-TPS7E8133QDBVRQ1
TPS7E8250QDBVRQ1	595-TPS7E8250QDBVRQ1
TPS7E8201AQDBVRQ1	595-TPS7E8201AQDBVRQ1
TPS7E8233QDBVRQ1	595-TPS7E8233QDBVRQ1
TPS7E8250AQDBVRQ1	595-TPS7E8250AQDBVRQ1
TPS7E8130QDBVRQ1	595-TPS7E8130QDBVRQ1
TPS7E8101QDBVRQ1	595-TPS7E8101QDBVRQ1
TPS7E8125QDBVRQ1	595-TPS7E8125QDBVRQ1
TPS7E8150QDBVRQ1	595-TPS7E8150QDBVRQ1
TPS7E8233AQDBVRQ1	595-TPS7E8233AQDBVRQ1
TPS7E8101AQDBVRQ1	595-TPS7E8101AQDBVRQ1
TPS7E8150AQDBVRQ1	595-TPS7E8150AQDBVRQ1
TPS7E8130AQDBVRQ1	595-TPS7E8130AQDBVRQ1

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

Notification Number:	20260520002.0	Notification Date:	May 22, 2026
Title:	Datasheet for TPS7E67-Q1 and TPS7E81-Q1		
Customer Contact:	Change Management team	Dept:	Quality Services
Change Type:	Electrical Specification		

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.



TPS7E81-Q1

SBVS463B – OCTOBER 2025 – REVISED APRIL 2026

Changes from Revision A (December 2025) to Revision B (April 2026)

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• Corrected thermal parameters for DGN package and typical dropout at 150mA.....	1
• Corrected the package dimensions for DGN package.....	1
• Changed pin name from FB to ADJ for V _{ADJ} parameter.....	5
• Changed pin name to ADJ from FB for CADJ parameter.....	5
• Corrected thermal metric details for DGN package.....	6
• Changed pin name to ADJ from FB.....	6
• Updated load regulation for better representation across the output range.....	6
• Updated load regulation for better representation across the output range.....	6
• Updated EN & UVLO Threshold plots for better readability.....	8
• Updated pin name to ADJ to FB for V _{ADJ} and I _{ADJ} parameters.....	25
• Corrected pin name to ADJ from FB in Feed-Forward Capacitor section.....	26
• Corrected pin name to ADJ from FB across Choose Feedback Resistors section.....	30
• Corrected pin name to ADJ from FB for <i>Layout Examples</i>	34
• Added details for latest app-note on Low I _Q LDOs for Battery Connected Automotive systems.....	36



TPS7E82-Q1

SBVS462B – NOVEMBER 2025 – REVISED APRIL 2026

Changes from Revision A (December 2025) to Revision B (April 2026)

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• Corrected thermal parameters for DGN package and typical dropout at 300mA.....	1
• Corrected the package dimensions for DGN package.....	1
• Changed pin name from FB to ADJ for V _{ADJ} parameter.....	6
• Changed pin name to ADJ from FB for CADJ parameter.....	6
• Corrected thermal metric details for DGN package.....	7
• Changed pin name to ADJ from FB.....	7
• Updated load regulation for better representation across the output range.....	7
• Updated load regulation for better representation across the output range.....	7
• Updated EN & UVLO Threshold plots for better readability.....	9
• Updated pin name to ADJ to FB for V _{ADJ} and I _{ADJ} parameters.....	24
• Corrected pin name to ADJ from FB in Feed-Forward Capacitor section.....	25
• Corrected pin name to ADJ from FB across Choose Feedback Resistors section.....	29
• Corrected pin name to ADJ from FB for <i>Layout Examples</i>	33
• Corrected <i>Device Nomenclature</i> section for TPS7E82-Q1 devices.....	35
• Added details for latest app-note on Low I _Q LDOs for Battery Connected Automotive systems.....	35

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS7E81-Q1	SBVS463A	SBVS463B
TPS7E82-Q1	SBVS462A	SBVS462B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS7E81-Q1>

<http://www.ti.com/product/TPS7E82-Q1>

Reason for Change:

To accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact.

Changes to product identification resulting from this PCN:

None.

Product Affected:

TPS7E8130QDBVRQ1	TPS7E8130AQDBVRQ1	TPS7E8125AQDBVRQ1
PTPS7E8150QWDRVRQ1	PTPS7E8101AQWDRVQ1	TPS7E8150AQDBVRQ1
TPS7E8150QDGNRQ1	TPS7E8133QDBVRQ1	TPS7E8125QDBVRQ1
PTPS7E8133QWDRVRQ1	PTPS7E8150QDGNRQ1	PTPS7E8101QWDRVRQ1
TPS7E8101AQDBVRQ1	TPS7E8150QDBVRQ1	TPS7E8133QWDRVRQ1
TPS7E8101QDBVRQ1	TPS7E8133AQDBVRQ1	TPS7E8250QWDRVRQ1
PTPS7E8201QDGNRQ1	PTPS7E8233QDGNRQ1	PTPS7E8250QDGNRQ1
TPS7E8250AQDBVRQ1	TPS7E8233AQDBVRQ1	TPS7E8201QDBVRQ1
TPS7E8201QWDRVRQ1	TPS7E8233QDBVRQ1	TPS7E8201QDGNRQ1
PTPS7E8233QWDRVRQ1	TPS7E8250QDBVRQ1	TPS7E8233QDGNRQ1
PTPS7E8201QWDRVRQ1	TPS7E8201AQDBVRQ1	TPS7E8250QDGNRQ1

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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