



**Notification# 20241022003.0
Datasheet for SN65HVD178x-Q1 and TPS61378-Q1
Information Only**

Date: October 29, 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

20241022003.0
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
SN65HVD1780QDRQ1	SN65HVD1780QDRQ1
TPS61378QWRTERQ1	NULL
SN65HVD1782QDRQ1	SN65HVD1782QDRQ1
TPS613783QWRTERQ1	NULL
SN65HVD1781QDRQ1	SN65HVD1781QDRQ1
TPS613785QWRTERQ1	NULL

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

PCN Number:	20241022003.0	PCN Date:	October 29, 2024
Title:	Datasheet for SN65HVD178x-Q1 and TPS61378-Q1		
Customer Contact:	Change Management team	Dept:	Quality Services
Change Type:	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.



SN65HVD1780-Q1, SN65HVD1781-Q1, SN65HVD1782-Q1
SLLSE49E – SEPTEMBER 2010 – REVISED OCTOBER 2024

Changes from Revision D (July 2017) to Revision E (October 2024) Page

- Updated the numbering format for tables, figures, and cross-references throughout the document..... 1
- Changed the Storage temperature MIN value from -44°C to -55°C in the *Absolute Maximum Ratings* 4



TPS61378-Q1

SLVSET0E – MAY 2020 – REVISED OCTOBER 2024

Changes from Revision D (October 2021) to Revision E (October 2024) Page

- Added TPS61378L..... 1
- Added additional features..... 1
- Updated Package to WQFN-16..... 1
- Updated Output Voltage Selection Resistor in the Device Comparison Table..... 3
- Updated Error Amplifier units..... 6
- Updated Figure 6-8 8
- Added additional information to Spread Spectrum Frequency Modulation..... 13
- Added Table 7-1 13
- Added additional information to Output Short Protection/Hiccup..... 14
- Added "The external clock needs to be within -+20% of the setting frequency to ensure a reliable synchronization."..... 15
- Updated Figure 8-1 17
- Added additional information and Figure 8-2 and Figure 8-3 17

The datasheet number will be changing.

Device Family	Change From:	Change To:
SN65HVD178x-Q1	SLLSE49D	SLLSE49E
TPS61378-Q1	SLVSET0D	SLVSET0E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/SN65HVD1780-Q1>

<http://www.ti.com/product/TPS61378-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:			
SN65HVD1780QDRQ1	SN65HVD1781QDRQ1	SN65HVD1782QDRQ1	TPS613783QWRTERQ1
TPS613785QWRTERQ1	TPS61378QWRTERQ1		

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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