



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20251015001.0
Datasheet for LM5148-Q1 and LM25148-Q1
Information Only**

Date: October 17, 2025

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

20251015001.0
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
LM25148BQRGYRQ1	NULL
LM25148QRGYRQ1	NULL
LM5148PSQRGYRQ1	NULL
LM5148QRGYRQ1	NULL

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

PCN Number:	20251015001.0	PCN Date:	October 17, 2025
Title:	Datasheet for LM5148-Q1 and LM25148-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.



LM5148-Q1
SNVSC00A – FEBRUARY 2023 – REVISED JANUARY 2025

Changes from Revision * (February 2023) to Revision A (January 2025)

Page

- Added new package and supporting information throughout the document..... 1
- Moved CBOOT, HO to SW, and LO to PGND from Abs Max Input to Output 6
- Changed the maximum TJ from 150C to 125C..... 7



LM25148-Q1
SNVSC03B – JUNE 2021 – REVISED FEBRUARY 2025

Changes from Revision A (February 2023) to Revision B (February 2025)

Page

- Added new package pinout and table..... 3
- Moved CBOOT, HO to SE, and LO to PGND from Abs Max Input to Output..... 7
- Updated EC table test condition for Frequency sync, PG/SYNC, and SYNC low..... 8

The datasheet number will be changing.

Device Family	Change From:	Change To:
LM5148-Q1	SNVSC00	SNVSC00A
LM25148-Q1	SNVSC03A	SNVSC03B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LM5148-Q1>

<http://www.ti.com/product/LM25148-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:

LM5148PSQRGYRQ1	LM5148PSQRGYRQ1.A	LM5148QRGYRQ1	LM5148QRGYRQ1.A
LM25148BQRGYRQ1	LM25148BQRGYRQ1.A	LM25148QRGYRQ1	LM25148QRGYRQ1.A

ZVEI ID: SEM-DS-02

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

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.