



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20250306001.0
Datasheet for UCC5350-Q1**

Information Only

Date: March 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

20250306001.0
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
UCC5350MCQDRQ1	NULL
UCC5350MCQDWVRQ1	UCC5350MCQDWVRQ1
UCC5350SBQDRQ1	NULL

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

PCN Number:	20250306001.0	PCN Date:	March 17, 2025
Title:	Datasheet for UCC5350-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.



UCC5350-Q1
SLUSE29G – MAY 2020 – REVISED JANUARY 2025

Changes from Revision F (July 2024) to Revision G (January 2025)	Page
• Updated Safety-related certifications in Features.....	1
• Changed V_{IORM} from 990 to 1200V _{PK} , to reflect V_{IOWM} update.....	6
• Changed V_{IOWM} (AC voltage) from 700 to 850V _{RMS} , since UCC5350 is production tested with 850V _{RMS} × 1.5 in an IEC partial discharge test. Previously, TI decided to spec the V_{IOWM} more conservatively	6
• Changed V_{IOWM} (DC voltage) from 990 to 1200V _{DC} , to reflect V_{IOWM} update.....	6
• Added V_{IMP} according to IEC 60747-17 test definition in air (D package).....	6
• Changed V_{IOSM} (DC voltage) from 4242 to 6500V _{DC} , replacing VDE 0884-11 surge test voltage definition to IEC 60747-17 test definition in oil (D package).....	6
• Added V_{IMP} according to IEC 60747-17 test definition in air (DWV package).....	8
• Changed V_{IOSM} (DC voltage) from 8000 to 10400V _{DC} , replacing VDE 0884-11 surge test voltage definition to IEC 60747-17 test definition in oil (DWV package).....	8
• Updated Safety-Related Certifications For D Package.....	9
• Changed VDE V 0884-11:2017-01 to IEC 60747-17 (VDE 0884-17) in Safety-Related Certifications for the DWV package.....	9
• Corrected propagation delay tolerance.....	11
• Added Insulation Lifetime Projection Data graph in Insulation Characteristics Curves.....	12

The datasheet number will be changing.

Device Family	Change From:	Change To:
UCC5350-Q1	SLUSE29F	SLUSE29G

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/UCC5350-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:

UCC5350MCQDRQ1	UCC5350MCQDWVRQ1	UCC5350SBQDRQ1	
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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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