



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20221117000.0
Datasheet for UCCx8C4x
Information Only**

Date: November 18, 2022

To: TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for 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 (PCN_ww_admin_team@list.ti.com).

Sincerely,

Change Management Team
SC Business Services

**Information Only
Attachments**

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
UCC28C43DR	null
UCC28C41DR	null
UCC28C44D	null
UCC28C44DGKR	null
UCC28C45D	null
UCC28C44DR	null
UCC28C45DGKR	null
UCC28C45DR	null
UCC28C42DR	null
UCC28C41DGKR	null

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

Notification Number:	20221117000.0	Notification Date:	November 18, 2022
Title:	Datasheet for UCCx8C4x		
Customer Contact:	Notification Manager	Dept:	Quality Services
Change Type: Electrical Specification			

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.



UCC28C40, UCC28C41, UCC28C42, UCC28C43, UCC28C44, UCC28C45, UCC38C40, UCC38C41, UCC38C42, UCC38C43, UCC38C44, UCC38C45
SLUS458H – JULY 2000 – REVISED NOVEMBER 2022

Changes from Revision G (January 2017) to Revision H (September 2022)	Page
• Changed -40°C to 105°C to -40°C to 125°C, and 0°C to 70°C to 0°C to 85°C.....	1
• Removed <i>PDIP</i> package from Device Information.....	1
• Updated T_J range in Device Comparison Table.....	3
• Removed <i>PDIP</i> package from Pin Configuration.....	4
• Removed <i>PDIP</i> package from Absolute Maximum Table.....	5
• Updated <i>Total Power Dissipation</i> values in Absolute Maximum Table.....	5
• Added V_{REF} maximum continuous voltage from external circuitry in Recommended Operating Conditions.....	5
• Updated T_J max values in Recommended Operating Conditions Table.....	5
• Updated all <i>Thermal Resistance Numbers</i> in Thermal Information.....	6
• Updated Electrical Characteristics section	6
• Corrected a <i>drawing error</i> of OUT pin high-side FET connection.....	13

The datasheet number will be changing.

Device Family	Change From:	Change To:
UCCx8C4x	SLUS458G	SLUS458H

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/UCC28C40>

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 notification:

None.

Product Affected:

UCC28C40D	UCC28C43D	UCC38C40D	UCC38C43DGKR	
UCC28C40DGKR	UCC28C43DGKR	UCC38C40DGKR	UCC38C43DR	
UCC28C40DR	UCC28C43DR	UCC38C40DR	UCC38C44D	
UCC28C41D	UCC28C44D	UCC38C41D	UCC38C44DGKR	
UCC28C41DGKR	UCC28C44DGKR	UCC38C41DR	UCC38C44DR	
UCC28C41DR	UCC28C44DR	UCC38C42D	UCC38C45D	
UCC28C42D	UCC28C45D	UCC38C42DGKR	UCC38C45DGKR	
UCC28C42DGKR	UCC28C45DGKR	UCC38C42DR	UCC38C45DR	
UCC28C42DR	UCC28C45DR	UCC38C43D		

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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