

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	

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