



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification Number:	20260813002.0	Notification Issued	August 17, 2026
Datasheet for UCC23513			

Change Type(s)	Data Sheet/Electrical Specification
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Notification 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.		
		UCC23513 SLUSD31F – OCTOBER 2018 – REVISED JULY 2026
Changes from Revision E (October 2020) to Revision F (July 2026)		Page
• Updated VDE specs in the Insulation Specifications table to accurately reflect the correct values as certified in the VDE Certificate for Reinforced Isolation.....		5
• Changed V_{IORM} from 1500V _{PK} to 2121V _{PK}		5
• Changed V_{IOWM} from 1060V _{RMS} to 1500V _{RMS}		5
• Changed V_{IOWM} from 1500V _{PK} to 2121V _{PK}		5
• Updated VDE certification to 2121V _{PK} VIORM.....		6
• Updated Estimate Gate-Driver Power Loss to separate Case 1 and Case 2 sections.....		25
The datasheet number will be changing.		
Device Family	Change From:	Change To:
UCC23513	SLUSD31E	SLUSD31F
These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/UCC23513		
Reason for Change:	To accurately reflect device characteristics	

Anticipated impact on Form, Fit, Function, Quality or Reliability:	None
Changes to product identification resulting from this PCN:	None

Products Affected:			
UCC23513BDWY	UCC23513BDWYR	UCC23513BDWYR.A	UCC23513DWYR
UCC23513DWYR.A	UCC23513HDWYR	UCC23513HDWYR.A	

In performing change qualifications, Texas Instruments follows integrated circuit industry standards in performing defect mechanism analysis and failure mechanism-based accelerated environmental testing to ensure wafer fab process, assembly process and product quality and

reliability. As encouraged by these standards, TI uses both product-specific and generic (family) data in qualifying its changes. For devices to be categorized as a 'product qualification family' for generic data purposes, they must share similar product, wafer fab process and assembly process elements. The applicability of generic data (also known at TI as Qualification by Similarity (QBS)) is determined by the Reliability Engineering function following these industry standards. Generic data is shown in the qualification report in columns titled "QBS Process" (for wafer fab process), "QBS Package" (for assembly process) and "QBS Product" (for product family).

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

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