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Notification Number:	20260817002.0	Notification Issued	August 18, 2026
Datasheet for UCC25661x			

Change type(s)
Data Sheet/Electrical Specification

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.		
		UCC25661 SLUSG21C – MAY 2025 – REVISED AUGUST 2026
Changes from Revision B (January 2026) to Revision C (August 2026)		Page
• Updated Extended Gain Range device from UCC256611 to UCC256610.....		1
• Updated <i>Device Comparison</i> table.....		3
• Updated <i>TSET Programming</i> section to split Table 7-1		21
Changes from Revision A (September 2025) to Revision B (January 2026)		Page
• Updated the numbering format for tables, figures, equations, and cross-references throughout the document		1
• Added <i>X-capacitor discharge</i> and <i>Extended Gain Range</i> to features section.....		1
• Changed from: UCC25661 to: UCC25661x Family throughout the document.....		1
• Updated <i>Device Comparison</i> table.....		3
• Added UCC256611, UCC256612, UCC256613, UCC256614, and UCC256616, orderable options to the specification tables.....		6
• Added <i>Benefits of Extended gain range (EGR)</i> to detailed description overview.....		16
• Added <i>EGR information</i> in VCR Synthesizer section.....		20
• Added <i>TSET Programming for UCC256616</i> section.....		22
• Added <i>TSET Pin Alternate Function in Burst Mode, PFC On/Off, TSET-Enforced Low audible noise standby mode, X-Capacitor Discharge, and Detecting Through HV Pin Only</i> sections.....		37
The datasheet number will be changing.		
Device Family	Change From:	Change To:
UCC25661x	SLUSG21A	SLUSG21C
These changes may be reviewed at the datasheet links provided.		
http://www.ti.com/product/UCC25661		
Reason for Change:	To accurately reflect device characteristics.	
Anticipated impact on Form, Fit, Function, Quality or Reliability:	No anticipated impact.	
Changes to product	None	

identification resulting from this PCN:	
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Products Affected:			
UCC256610DDBR	UCC256611DDBR	UCC256612DDBR	UCC256613DDBR
UCC256614DDBR	UCC256616DDBR		

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).

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