Notification Number:	20211110003	Notification Date:	December 17, 2021
Title:	Datasheet for UCD3138		
Customer Contact:	Notification Manager	Dept:	Quality Services
Change Type:	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.

TEXAS INSTRUMENTS

UCD3138
SLUSAP2J – MARCH 2012 – REVISED NOVEMBER 2021

Changes from Revision I (January 2017) to Revision J (November 2021)   **Page**

- Change sync feature description to say it works with all UCD3138 family members instead of just UCD3138064. Split Device Overview section into 4 sections to conform to TI data sheet standards. 1
- Change number of ADC channels to 15 since there are 14 external channels and 1 channel for the internal temperature sensor...2
- update Product Family Comparison to show full UCD family 7
- Added mention of debugging capability to the JTAG pin descriptions and added note that the RMH package is not recommended for new designs...9
- Added DAC Output as an alternative pin out for pins 2, 3, and 4...13
- Correct location of PMBus/SMBus/I^2C rise and fall time test conditions Table 8-1 17
- Added "using the EADCs as a source" to the digital comparator description 39
- Replaced the Power Suppply and Layout Guidelines Section with the Power Supply Recommendations Section and Layout Section. The new content is copied directly from the UCD3138 Family Practical Design Guideline Application Note. 68
- Updated FUSION_DIGITAL_POWER_STUDIO URLs. Moved all CCS references to the Code Composer Studio section and updated them. Also updated the list of documents...82
- Changed References section 83

The datasheet number will be changing.

Device Family	Change From:	Change To:
UCD3138	SLUSAP2I	SLUSAP2J

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/product/UCD3138

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:

UCD3138RGCR	UCD3138RGCT	UCD3138RHAR	UCD3138RHAT
UCD3138RJAR	UCD3138RJAT	UCD3138RMHR	UCD3138RMHT

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