

Notification Number:	20210920002	Notification Date:	September 27, 2021
Title:	Datasheet for UCC5870-Q1		
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.



UCC5870-Q1
SLUSD86C – OCTOBER 2019 – REVISED SEPTEMBER 2021

Changes from Revision B (November 2020) to Revision C (July 2021)	Page
• Updated peak currents to the typical value of 30 A.....	1
• Updated peak functional safety bullet in features.....	1
• Updated features with Q100 bullet.....	1
• Removed "functional safety compliant" from description.....	1
• Removed values from VCECLP and DESAT components as these are customer selected.....	3
• Updated drive strength to 30 A to align with typical value.....	24
• Updated secondary side TSD behavior to clarify the functions operation.....	44
• Added information about gate monitoring during secondary side ASC operation.....	44
• Corrected equation.....	49
• Corrected CONTROL2 bit name in list.....	50
• Corrected CONTROL2 bit name.....	54
• Corrected OVLO1_LEVEL selections.....	59
• Updated DESATTH description for clarity.....	59
• Updated SPI_FAULT description for clarity.....	59
• Corrected OR_NFLT1_SEC and OR_NFLT2_SEC descriptions.....	59
• Removed graph to prevent confusion.....	98

The datasheet number will be changing.

Device Family	Change From:	Change To:
UCC5870-Q1	SLUSD86B	SLUSD86C

These changes may be reviewed at the datasheet links provided.

<https://www.ti.com/product/UCC5870-Q1>

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:

UCC5870QDWJQ1	UCC5870QDWJRQ1		
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For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

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