

PCN Number:	20160523004	PCN Date:	Sept. 14, 2016
Title:	Datasheet for UCC28180		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
		<input type="checkbox"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process

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.



UCC28180

SLUSBQ5D –NOVEMBER 2013–REVISED JULY 2016

Changes from Revision C (April 2016) to Revision D

Page

- Changed the correct page number in the C Revision History of the diode addition to the [Functional Block Diagram](#). 2
- Changed text value of 0.538 to 0.366 to align with [Equation 85](#). Updated change was implemented in the C revision and recorded in the D revision. 31
- Added D4 to [Table 2](#). Updated change was implemented in the C revision and recorded in the D revision. 37
- Added [Receiving Notification of Documentation Updates](#). 39

Changes from Revision B (December 2014) to Revision C

Page

- Added a diode to the Typical Application Schematic image. 1
- Changed ICC Standby current MAX rate from 2.95 mA to 3.47 mA. 6
- Changed ISENSE threshold, soft over current (SOC) TYP value from -0.295 V to -0.285 V. 6
- Changed Maximum current under EDR operation MAX rating from -241 µA to -275 µA. 6
- Added a diode to the Functional Block Diagram. 13
- Added Diode to Soft Overcurrent/Peak-Current Limit image. 17
- Added ISENSE Pin section. 18
- Added diode to the Design Example Schematic image. 22
- Changed [Equation 101](#) 3kHz to 5kHz. 32
- Changed Recommended Layout for UCC28180 image. 38

The datasheet number will be changing.

Device Family	Change From:	Change To:
UCC28180	SLUSBQ5B	SLUSBQ5D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/UCC28180>

Reason for Change:

To more 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 PCN:			
None.			
Product Affected:			
UCC28180D	UCC28180DR		

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

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com