

PCN Number:	20180119001	PCN Date:	January 22, 2018
Title:	Datasheet for ADS1113-Q1, ADS1114-Q1, ADS1115-Q1		
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.



ADS1113-Q1, ADS1114-Q1, ADS1115-Q1
SBAS563D – DECEMBER 2011 – REVISED JANUARY 2018

Changes from Revision C (December 2016) to Revision D	Page
• Changed <i>Digital input voltage</i> max value from VDD + 0.3 V to 5.5 V in <i>Absolute Maximum Ratings</i> table	6
• Deleted values for ADS111xB-Q1 device in <i>Thermal Information</i> table; thermal values now same for all devices	6
• Added "over temperature" to Offset drift parameter for clarity	7
• Added Long-term Offset drift parameter in <i>Electrical Characteristics</i> table	7
• Added "over temperature" to Gain drift parameter for clarity	7
• Added Long-term gain drift parameter in <i>Electrical Characteristics</i> table	7
• Changed V _{IH} parameter max value from VDD to 5.5 V in <i>Electrical Characteristics</i> table	7
• Added <i>Output Data Rate and Conversion Time</i> section for clarity.....	17
• Changed <i>Conversion Ready Pin</i> section for clarity.....	19
• Changed Figure 28, <i>ALERT Pin Timing Diagram</i> for clarity.....	19
• Changed Figure 39, <i>Typical Connections of the ADS1115-Q1</i> , for clarity.....	31
• Changed the resistor values in Figure 43, <i>Basic Hardware Configuration</i> , from 10 Ω to 10 kΩ.....	35

The datasheet number will be changing.

Device Family	Change From:	Change To:
ADS1113-Q1, ADS1114-Q1, ADS1115-Q1	SBAS563C	SBAS563D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ADS1113-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 PCN:

None.

Product Affected:

ADS1113BQDGSRQ1	ADS1114BQDGSRQ1	ADS1115BQDGSRQ1	
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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.

Location	E-Mail
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USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
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