

Notification Number:	20230403000.0	Notification Date:	April 24, 2023
Title:	Datasheet for ADS101x-Q1		
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.



ADS1013-Q1, ADS1014-Q1, ADS1015-Q1
SBAS511D – JULY 2010 – REVISED MARCH 2023

Changes from Revision C (January 2018) to Revision D (March 2023)	Page
• Changed all instances of legacy terminology to <i>controller</i> and <i>target</i> where I ² C is mentioned.....	1
• Added <i>Functional Safety-Capable</i> bullets and device family information to <i>Features</i> section, moved ESD classification information from <i>Features</i> section to <i>ESD Ratings</i> table.....	1
• Changed applications in <i>Application</i> section.....	1
• Added NKS package and <i>Device Information</i> table and deleted last paragraph from <i>Description</i> section.....	1
• Added NKS package to <i>Pin Configuration and Functions</i> section and changed <i>Pin Functions</i> table.....	3
• Added ESD classification levels and NKS package to <i>ESD Ratings</i> table.....	4
• Added NKS package to <i>Thermal Information</i> table.....	5
• Changed V_{IH} maximum value to 5.5 V in <i>Electrical Characteristics</i> table.....	5
• Added additional information to last paragraph in <i>Multiplexer</i> section.....	9
• Added additional information to <i>Voltage Reference</i> section.....	11
• Moved Figure 7-7 from <i>Conversion Ready Pin</i> section to <i>Digital Comparator</i> section.....	12
• Changed bit setting notation from hexadecimal to binary where beneficial for clarity throughout <i>Register Map</i> section.....	20
• Added dedicated <i>Config Register</i> tables for ADS1013-Q1, ADS1014-Q1, and ADS1015-Q1 and changed bit descriptions in <i>Config Register Field Descriptions</i> table in <i>Config Register</i> section.....	21
• Changed first paragraph in <i>Lo_thresh</i> and <i>Hi_thresh</i> <i>Registers</i> section.....	23
• Changed <i>Unused Inputs and Outputs</i> section.....	25

The datasheet number will be changing.

Device Family	Change From:	Change To:
ADS101x-Q1	SBAS511C	SBAS511D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ADS1013-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 documentation change announcement only. There are no changes to the actual device.

Changes to product identification resulting from this notification:

None.

Product Affected:

ADS1013BQDGSRQ1	ADS1014BQDGSRQ1	ADS1015BQDGSRQ1	
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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
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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