Title: Datasheet for ADSI113-Q1, ADSI114-Q1, ADSI115-Q1 Customer Contact: PCN Manager Dept: Quality Services Change Type: □ Assembly Site □ Design □ Wafer Bump Site □ Assembly Process □ Data Sheet □ Wafer Bump Material □ Assembly Process □ Data Sheet □ Wafer Bump Material □ Assembly Process □ Data Sheet □ Wafer Bump Material □ Assembly Materials □ Part number change □ Wafer Bump Process □ Wafer Fab Site □ Wafer Fab Site □ Wafer Fab Materials □ Packing/Shipping/Labeling □ Test Site □ Wafer Fab Materials ■ 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. ■ IEXAS ■ ADSI113-Q1, ADSI114-Q1, ADSI114-Q1 ■ ADSI113-Q1, ADSI114-Q1, ADSI114-Q1 ■ Changed Digital input voltage max value from VDD + 0.3 V to 5.5 V in Absolute Maximum Ratings table □ Added "over temperature" to Offset drift parameter for clarity □ Added Long-term gain drift parameter in Electrical Characteristics table □ 7 □ Added Long-term gain drift parameter in Electrical Characteristics table □ 7 □ Added Cover temperature "to Gain drift parameter for clarity □ 7 □ Added Cover temperature "to Gain drift parameter for clarity □ 7 □ Added Cover temperature "to Gain drift parameter for clarity □ 7 □ Added Cover temperature "to Gain drift parameter for clarity □ 7 □ Added Cover temperature "to Gain drift parameter for Clarity □ 7 □ Added Cover temperature "to Gain drift parameter for Clarity □ 7 □ Added Cover temperature "to Gain drift parameter for Clarity □ 7 □ Added Cover temperature "to Gain drift parameter for Clarity □ 7 □ Added Cover temperature "to Gain drift parameter for Clarity □ 7 □ Added Cover temperature "to Gain drift parameter for Clarity □ 7 □ Added Cover temperature "to	PCN Number:	20180119001	PCN Date:	Janu	ary 22,	. 2018	
Change Type:	Title: Datasheet fo		.114-Q1, ADS1115-		, ,		
Assembly Site			<u> </u>		pt:	Quality Services	
Assembly Site	Change Type:				-	,	
Assembly Materials Part number change Wafer Bump Process Machanical Specification Test Site Wafer Fab Site Wafer Fab Site Wafer Fab Materials Packing/Shipping/Labeling Test Process Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Fab Materials Wafer Bab Materials Wafer Bable Wafer Bab Materials Wafer Bable Wafer Bable Wafer Bable Wafer Bable Wafer Bable Wafer Bable Wafer		Desig	gn		Wafe	r Bump Site	
Mechanical Specification	Assembly Process		Sheet		Wafei	r Bump Material	
Packing/Shipping/Labeling Test Process Wafer Fab Materials Wafer Fab Process Wafer Fab Wafer Fab Process Wafer F	Assembly Material	s Part	number change		Wafe	r Bump Process	
Notification Details			Site				
Notification Details	Packing/Shipping/	Labeling Test	Process				
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 TEXAS ADS1113-Q1, ADS1114-Q1, ADS1115-Q1 SARASes30 - DECCEMBER 2011- REVISED JANUARY 2018 Changes from Revision C (December 2016) to Revision D Page Changed Digital input voltage max value from VDD + 0.3 V to 5.5 V in Absolute Maximum Ratings table 6 Deleted values for ADS111xB-Q1 device in Thermal Information 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 Electrical Characteristics table 7 Added Long-term gain drift parameter in Electrical Characteristics table 7 Changed Vi ₁ parameter max value from VDD to 5.5 V in Electrical Characteristics table 7 Changed Conversion Ready Pin section for clarity 7 Added Long-term gain drift parameter for clarity 7 Added Long-term gain drift parameter in Electrical Characteristics table 7 Changed Vi ₁ parameter max value from VDD to 5.5 V in Electrical Characteristics table 7 Added Long-term gain drift parameter in Electrical Characteristics table 7 Changed Vi ₂ parameter max value from VDD to 5.5 V in Electrical Characteristics table 7 Added Long-term gain drift parameter for clarity 17 Changed Figure 28, ALERT Pin Timing Diagram for clarity 19 Changed Figure 28, ALERT Pin Timing Diagram for clarity 19 Changed Figure 39, Typical Connections of the ADS1115-Q1, for clarity 19 Changed Figure 39, Typical Connections of the ADS1115-Q1, for clarity 19 Changed the resistor values in Figure 43, Basic Hardware Configuration, from 10 Ω to 10 kΩ 3 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: Anticipated impact. This is a specification change a					Wafe	r Fab Process	
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. **PEXAS** **PEXAS** **Changes from Revision C (December 2016) to Revision D** **Changes from Revision C (December 2016) to Revision D** **Changed Digital input voltage max value from VDD + 0.3 V to 5.5 V in Absolute Maximum Ratings table 6. **Deleted values for ADS111xB-Q1 device in Thermal Information table, thermal values now same for all devices 6. **Added Jong-term Offset drift parameter for clarity 7. **Added Long-term Offset drift parameter in Electrical Characteristics table 7. **Added Jong-term Offset drift parameter in Electrical Characteristics table 7. **Added Jong-term Great drift parameter in Electrical Characteristics table 7. **Added Jong-term Great drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **Added Jong-term San drift parameter in Electrical Characteristics table 7. **The Adameter San drift parameter in Electrical Characteristics table 7. **Deletric San drif			ation Details				
The product datasheet(s) is being updated as summarized below. The following change history provides further details. **PIEXAS** **PIEXAS** **PIEXAS** **Changes from Revision C (December 2016) to Revision D** **Changes from Revision C (December 2016) to Revision D** **Changed Digital input voltage max value from VDD + 0.3 V to 5.5 V in Absolute Maximum Ratings table** **Changed Digital input voltage max value from VDD + 0.3 V to 5.5 V in Absolute Maximum Ratings table** **Changed Digital input voltage max value from VDD + 0.3 V to 5.5 V in Absolute Maximum Ratings table** **Changed Topic remperature** to Offset drift parameter for clarity.** **Added Long-term Offset drift parameter in Electrical Characteristics table** **Added Topic remperature** to Gain drift parameter for clarity.** **Added Long-term gain drift parameter in Electrical Characteristics table** **Added Long-term gain drift parameter in Electrical Characteristics table** **Added Coupt Data Rate and Conversion Time section for clarity.** **Changed Conversion Ready Pin section for clarity.** **Changed Figure 28, ALERT Pin Timing Diagram for clarity.** **Changed Figure 28, ALERT Pin Timing Diagram for clarity.** **Changed Figure 28, ALERT Pin Timing Diagram for clarity.** **Changed Figure 28, ALERT Pin Timing Diagram for clarity.** **Changed Figure 28, ALERT Pin Timing Diagram for clarity.** **Changed Figure 28, ALERT Pin Timing Diagram for clarity.** **Changed Figure 28, Diagram Connections of the ADS1115-01, for clarity.** **Changed The resistor values in Figure 43, Basic Hardware Configuration, from 10 Ω to 10 kΩ.** **The datasheet number will be changing.** **Device Family* **Device Family* **Device Family* **Device Family* **Added Congletion of Change From:** **Change From:** **Change To:** **Device Family* **Device							
Changes from Revision C (December 2016) to Revision D Page Changed Digital input voltage max value from VDD + 0.3 V to 5.5 V in Absolute Maximum Ratings table	The product datasheet(s) is being updated as summarized below.						
Changed Digital input voltage max value from VDD + 0.3 V to 5.5 V in Absolute Maximum Ratings table . 6 Deleted values for ADS111xB-Q1 device in Thermal Information table; thermal values now same for all devices	TEXAS INSTRUMENTS ADS1113-Q1, ADS1114-Q1, ADS1115-Q1 SBAS563D - DECEMBER 2011 - REVISED JANUARY 2018						
Deleted values for ADS111xB-Q1 device in Thermal Information table; thermal values now same for all devices	Changes from Revision C (December 2016) to Revisio	n D			Page	
- Added "over temperature" to Offset drift parameter for clarity	Changed Digital input voli	tage max value from VDD +	0.3 V to 5.5 V in Absolute	e Maxim	um Ratin	gs table6	
- Added Long-term Offset drift parameter in Electrical Characteristics table							
Added "over temperature" to Gain drift parameter for clarity							
- Added Long-term gain drift parameter in Electrical Characteristics table							
- Changed V _{IH} parameter max value from VDD to 5.5 V in Electrical Characteristics table	·						
- Added Output Data Rate and Conversion Time section for clarity							
 Changed Conversion Ready Pin section for clarity							
- Changed Figure 28, ALERT Pin Timing Diagram for clarity							
- Changed Figure 39, Typical Connections of the ADS1115-Q1, for clarity	· · · · · · · · · · · · · · · · · · ·						
- Changed the resistor values in Figure 43, Basic Hardware Configuration, from 10 Ω to 10 kΩ							
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 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.			_				
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 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.							
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 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.	Device Family		Change From:		Chang	e To:	
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 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.	ADS1113-Q1, ADS111	14-Q1, ADS1115-Q1	SBAS563C		SBASS	563D	
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 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.	These changes may be reviewed at the datasheet links provided.						
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 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.	http://www.ti.com/product/ADS1113-Q1						
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 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.							
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 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.	,						
to the actual device. Changes to product identification resulting from this PCN: None. Product Affected: ADS1113BQDGSRQ1 ADS1114BQDGSRQ1 ADS1115BQDGSRQ1 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.							
None. Product Affected: ADS1113BQDGSRQ1 ADS1114BQDGSRQ1 ADS1115BQDGSRQ1 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.							
Product Affected: ADS1113BQDGSRQ1 ADS1114BQDGSRQ1 ADS1115BQDGSRQ1 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.	Changes to product identification resulting from this PCN:						
ADS1113BQDGSRQ1 ADS1114BQDGSRQ1 ADS1115BQDGSRQ1 For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.	None.						
For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.	Product Affected:						
or your local Field Sales Representative.		ADS1114BQDGSRQ	ADS1115BQD	GSRQ	1		
Location E-Mail							
	Location		E-Mail				

USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
lanan	PCNlananContact@list ti com