

PCN Number:	20150213000	PCN Date:	02/23/2015
Title:	Datasheet update for ADS1220		
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"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

PCN 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



ADS1220

SBAS501B –MAY 2013–REVISED FEBRUARY 2015

www.ti.com

Changes from Revision A (July 2013) to Revision B

Page

• Added TI Design, Device Information, ESD Ratings, Recommended Operating Conditions, and Switching Characteristics tables and Application and Implementation, Power Supply Recommendations, Layout, Device and Documentation Support, and Mechanical, Packaging, and Orderable Information sections	1
• Changed document title, QFN to VQFN throughout document, Features, Applications, Description, Pin Configuration and Functions, Parameter Measurement Information, Feature Description, Device Functional Modes, Programming, and Register Map sections, and front-page figure	1
• Deleted Product Family table	3
• Changed format of Absolute Maximum Ratings table, added minimum junction temperature specification of '-40/°C', changed input current parameter name, and removed momentary input current specification	4
• Changed Analog Inputs and Voltage Reference Inputs sections (specification values were not changed) and added Internal Oscillator section to Electrical Characteristics table	6
• Changed System Performance section: changed V _{IO} parameter name and added PGA disabled row to Offset drift, Gain error, and Gain drift parameters in System Performance section of Electrical Characteristics table	6
• Changed Internal Voltage Reference section: changed Reference drift parameter maximum specification from '40 ppm/°C' to '30 ppm/°C' and added Long-term drift parameter in Electrical Characteristics table	6
• Deleted Clock Sources section and changed Temperature Sensor and Power Supply sections (specification values were not changed) in Electrical Characteristics table	7
• Changed Digital Inputs/Outputs section, V _{IL} parameter minimum specification from 'DGND – 0.3 V' to 'DGND' in Electrical Characteristics table	7
• Changed SPI Timing Requirements and Figure 1 (specification values were not changed), added SPI Switching Characteristics and Figure 2	8
• Changed format of Typical Characteristics section (actual curves did not change)	9

The datasheet number will be changing.

Device Family	Change From:	Change To:
ADS1220	SBAS501A	SBAS501B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ADS1220>

Reason for Change:

To more accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

Electrical specification performance changes as indicated above.

Changes to product identification resulting from this PCN:

None.

Product Affected:

ADS1220IPW	ADS1220IPWR	ADS1220IRVAR	ADS1220IRVAT
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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
USA	PCNAmericasContact@list.ti.com
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