

Notification Number:	20210215003	Notification Date:	Mar. 23, 2021
Title:	Datasheet for ADS1232, ADS1234		
Customer Contact:	PCN 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.



ADS1232, ADS1234

SBAS350G – JUNE 2005 – REVISED JANUARY 2021

Changes from Revision F (February 2008) to Revision G (January 2021)	Page
• Updated the numbering format for tables, figures, and cross-references throughout the document	1
• Added Device Information, ESD Ratings, Recommended Operating Conditions, and Thermal Information tables, and Detailed Description, Application and Implementation, Power Supply Recommendations, Layout, Device and Documentation Support, and Mechanical, Packaging, and Orderable Information sections.....	1
• Deleted Ordering Information section; all ordering information available in package option addendum located at end of data sheet.....	4
• Added analog input voltage specification to <i>Absolute Maximum Ratings</i>	6
• Added digital input voltage specification to <i>Absolute Maximum Ratings</i>	6
• Deleted momentary input current specification from <i>Absolute Maximum Ratings</i>	6
• Added input current note to <i>Absolute Maximum Ratings</i>	6
• Added common-mode voltage condition to Common-Mode Rejection specification in <i>Electrical Characteristics</i> table.....	8
• Deleted power-supply rejection (gain = 1) MIN specification from <i>Electrical Characteristics</i> table	8
• Changed power-supply rejection (gain = 1) TYP specification in <i>Electrical Characteristics</i> table	8
• Changed text in <i>Analog Inputs (AINPX, AINNX)</i> section.....	16
• Added ADS1232 Input Channel Selection With A0 and TEMP table.....	16
• Deleted link to <i>Using the MSC121x as a High-Precision Intelligent Temperature Sensor</i>	17
• Changed 10 SPS –3-dB frequency from 3.32 Hz to 2.4 Hz, and 80 SPS –3-dB frequency from 11.64 Hz to 19 Hz.....	21
• Changed <i>Power-Up Sequence</i> section.....	27
• Deleted Thermocouple application from <i>Application Information</i>	29
• Deleted RTDs and Thermistor application from <i>Application Information</i>	29
• Added weigh scale application to <i>Application Information</i>	29

The datasheet number will be changing.

Device Family	Change From:	Change To:
ADS1232, ADS1234	SBAS350F	SBAS350G

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ADS1232>

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 notification:

None.			
Product Affected:			
ADS1232IPW	ADS1232IPWG4	ADS1232IPWR	ADS1232IPWRG4
ADS1234IPW	ADS1234IPWG4	ADS1234IPWR	

For questions regarding this notice, e-mails can be sent to the 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
WW PCN Team	PCN_ww_admin_team@list.ti.com

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI’s products are provided subject to TI’s Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI’s provision of these resources does not expand or otherwise alter TI’s applicable warranties or warranty disclaimers for TI products.