



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**Notification# 20210215003  
Datasheet for ADS1232, ADS1234**

**Information Only**

**Date:** March 23, 2021  
**To:** TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for a device that is currently offered by Texas Instruments.

The changes discussed within this notification are for your information only.

Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN team ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services

**Information Only**  
**Attachments**

**Products Affected:**

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
ADS1232IPW	null
ADS1232IPWRG4	null
ADS1232IPWR	null

Technical details of this Product Change follow on the next page(s).

<b>Notification Number:</b>	20210215003	<b>Notification Date:</b>	Mar. 23, 2021
<b>Title:</b>	Datasheet for ADS1232, ADS1234		
<b>Customer Contact:</b>	PCN Manager	<b>Dept:</b>	Quality Services
<b>Change Type:</b>	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, AINNXX)</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.			
<b>Product Affected:</b>			
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	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
WW PCN Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

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