Notification# 20240215000.0
Datasheet for INA132
Information Only

Date: February 15, 2024
To: MOUSER PCN

Dear Customer:

This is an information-only announcement of a change to 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 Change Management team.

Sincerely,

Change Management Team
SC Business Services

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records**,** you have recently purchased these devices**.** The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
INA132U	NULL
INA132U/2K5	NULL
INA132UA	NULL
INA132UA/2K5	NULL

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

PCN Number:	20240215000.0		**PCN Date:**	February 15, 2024
Title:	Datasheet for INA132			
Customer Contact:	Change Management team	**Dept:**	Quality Services	
Change Type:	Electrical Specification			

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.

TEXAS INSTRUMENTS

INA132
SBOS059A – NOVEMBER 1996 – REVISED FEBRUARY 2024

Changes from Revision * (November 1996) to Revision A (February 2024)   **Page**

- Updated the numbering format for tables, figures, and cross-references throughout the document.................1
- Added the *ESD Ratings*, *Recommended Operating Conditions*, *Thermal Information*, *Application and Implementation*, *Typical Applications*, *Device and Documentation Support*, and *Mechanical, Packaging, and Orderable Information* sections.................1
- Deleted DIP package and associated content from data sheet.................1
- Updated *Features* bullets.................1
- Updated *Applications* bullets.................1
- Added *Pin Functions* table.................2
- Added dual supply specification to *Absolute Maximum Ratings* 3
- Changed output short-circuit from "ground" to "$V_S / 2$" in *Absolute Maximum Ratings* 3
- Added V_{REF} = 0V, V_{CM} = $V_S / 2$, and G = 1 to test conditions in *Electrical Characteristics* and *Typical Characteristics* for clarity.................4
- Changed "Offset Voltage vs Temperature" to "Offset voltage drift" and added T_A = –40°C to +85°C test condition for clarity.................4
- Changed "Offset Voltage vs Time" to "Long-term stability" for clarity.................4
- Changed "Offset Voltage vs Power Supply" to Power-supply rejection ratio for clarity.................4
- Changed voltage noise typical value at 1kHz from 65nV/$\sqrt{Hz}$ to 75nV/$\sqrt{Hz}$ 4
- Changed "Gain Error vs Temperature" to "Gain error drift" and added T_A = –40°C to +85°C test condition for clarity.................4

- Changed "Voltage, Positive" to "Positive output voltage swing" and from "Voltage, Negative" to "Negative output voltage swing".................4
- Added test condition of "Continuous to $V_S / 2$" to short-circuit current for clarity.................4
- Changed short-circuit current typical value from ±12mA to +6mA/–15mA.................4
- Deleted power supply voltage range typical value of ±15V.................4
- Moved voltage range, operating temperature range, and thermal resistance from *Electrical Characteristics* to *Recommended Operating Conditions* and *Thermal Information* 4
- Changed quiescent current typical value from ±160µA to ±175µA and maximum value from ±185µA to ±230µA.................4
- Added V_{REF} = $V_S / 2$, V_{CM} = $V_S / 2$, and G = 1 to test conditions in *Electrical Characteristics: V_S = 5V* for clarity.................5
- Changed "Offset Voltage vs Temperature" to "Offset voltage drift" and added T_A = –40°C to +85°C test condition for clarity.................5
- Added (V–) to negative output voltage swing minimum and typical values.................5
- Deleted power supply voltage range typical value of +5V.................5
- Moved voltage range from *Electrical Characteristics: V_S = 5V* to *Recommended Operating Conditions* 5
- Changed quiescent current typical value from ±155µA to ±175µA and maximum value from ±185µA to ±230µA.................5

The datasheet number will be changing.

Device Family	Change From:	Change To:
INA132	SBOS059	**SBOS059A**

These changes may be reviewed at the datasheet links provided.
http://www.ti.com/product/INA132

Reason for Change:
To accurately reflect device characteristics. This particular PCN is related to TI's multiyear transition plan for our two remaining factories with 150-millimeter production (DFAB in Dallas, Texas, and SFAB in Sherman, Texas). DFAB will remain open, but will focus on 200-mm production, with a smaller set of technologies. SFAB will close no earlier than 2024 and no later than 2025. As referenced in the "reason for change" below, these changes are part of our multiyear plan to transition these products to newer, more efficient manufacturing processes and technologies, underscoring our commitment to product longevity and supply continuity.

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:			
INA132U	INA132U/2K5	INA132UA	INA132UA/2K5

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

IMPORTANT NOTICE AND DISCLAIMER