12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20260107002.0
Datasheet for INA105
Information Only

Date: January 09, 2026

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

20260107002.0
Information Only Datasheet
Attachments

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
INA105AM	NULL
INA105BM	NULL
INA105KP	
INA105KP	NULL
INA105KU/2K5	NULL

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

PCN Number:	20260107002.0	PCN Date:	January 09, 2026
Title:	Datasheet for INA105		
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

INA105

SBOS145B – AUGUST 1993 – REVISED DECEMBER 2025

Changes from Revision A (March 2025) to Revision B (December 2025) **Page**

- Added description of device flow information in *Specifications* 4
- Added nominal value to Supply voltage in the *Recommended Operating Conditions* 4
- Added all chip site origins (CSO) condition to the typical test conditions in the *Electrical Characteristics* 5
- Merged INA105AM and INA105BM for Offset Voltage in *Electrical Characteristics* 5
- Added gain clarification in footnote (1) in the *Electrical Characteristics* 5
- Added different fabrication process specifications for voltage noise in the *Electrical Characteristics* 5
- Merged INA105AM and INA105BM for Gain Error in *Electrical Characteristics* 5
- Added different fabrication process specifications for short circuit current, sinking and sourcing, in the *Electrical Characteristics* 5
- Added different fabrication process specifications for slew rate in the *Electrical Characteristics* 5
- Added all chip site origins (CSO) condition to the typical test conditions in the *Typical Characteristics* 7
- Added "CSO: SHE" to Step Response, Maximum V_{OUT} vs. I_{OUT} (Negative Swing), and Maximum V_{OUT} vs. I_{OUT} (Positive Swing) curves in the *Typical Characteristics* 7
- Added Step Response, Maximum V_{OUT} vs. I_{OUT} (Negative Swing), and Maximum V_{OUT} vs. I_{OUT} (Positive Swing) curves for CSO: RFB in the *Typical Characteristics* 7
- Changed and added INA105 Internal Schematic for each fabrication process in the *Functional Block Diagram* 9
- Added Part Number flow information table to the *Device Nomenclature* 26

The datasheet number will be changing.

Device Family	Change From:	Change To:
INA105	SBOS145A	**SBOS145B**

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/product/INA105

Reason for Change:

To accurately reflect device characteristics.

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

No anticipated impact.

Changes to product identification resulting from this PCN:

None.

Product Affected:			
INA105AM	INA105AM.A	INA105BM	INA105BM.A
INA105KP	INA105KP.A	INA105KU/2K5	INA105KU/2K5.A

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

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