PCN Number:	20160330001		PCN Date:	3/30/2016
Title:	Datasheet for INA3221			
Customer Contact:	PCN Manager		Dept:	Quality Services
Change Type:				

☐	Assembly Site	☐	Design	☐	Wafer Bump Site
☐	Assembly Process	☒	Data Sheet	☐	Wafer Bump Material
☐	Assembly Materials	☐	Part number change	☐	Wafer Bump Process
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Site
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Materials
				☐	Wafer Fab Process

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.

TEXAS INSTRUMENTS

INA3221

SBOS576B –MAY 2012 –REVISED MARCH 2016

Changes from Revision A (June 2013) to Revision B   Page

- Added *Device Information* and *ESD Ratings* tables, and *Feature Description, Device Functional Modes, Application and Implementation, Power Supply Recommendations, Layout, Device and Documentation Support*, and *Mechanical, Packaging, and Orderable Information* sections 1
- Deleted trace from SDA to SCL, and added missing connector dot to V_S in front-page diagram 1
- Added $(V_{IN+}) + (V_{IN–}) / 2$ to common-mode analog inputs in the *Absolute Maximum Ratings* table 5
- Deleted VBUS from analog inputs in *Absolute Maximum Ratings* table 5
- Added operating temperature to *Absolute Maximum Ratings* table 5
- Changed all V_{SENSE} to V_{SHUNT} throughout data sheet for consistency 6
- Changed "Status register" to "Mask/Enable register" to clarify register name in *Basic ADC Functions* section 11
- Changed *Critical Alert* section text for clarity. 12
- Added Summation Control Function section 12
- Changed external "R_{PU}" to "R_{PU_ext}" in Figure 22 14
- Changed *Multiple Channel Monitoring* section text for clarity. 17
- Added X and Y axis labels to Figure 25 18
- Changed "bidirectional" to "I/O" in second paragraph of *Bus Overview* section 20
- Changed V_{S+} to VS in Table 1 20
- Changed references in Figure 30 to point to correct notes 22
- Changed Figure 31 23
- Changed values in Table 2, *Bus Timing Definitions* 23
- Added data valid time to Table 2, *Bus Timing Definitions* 23
- Changed fall time to split data and clock times in Table 2, *Bus Timing Definitions* 23
- Deleted rise time for data in Table 2, *Bus Timing Definitions* 23
- Deleted trace from SDA to SCL, and added missing connector dot to V_S in Figure 53 36

The datasheet number will be changing.

Device Family	Change From:	Change To:
INA3221	SBOS576A	**SBOS576B**

These changes may be reviewed at the datasheet links provided.
http://www.ti.com/product/INA3221

Reason for Change:

To more 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 PCN:
None.
Product Affected:

INA3221AIRGVR	INA3221AIRGVT

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
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com