

PCN Number:	20160411000	PCN Date:	04/11/2016
Title:	Datasheet for INA220-Q1		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
		<input type="checkbox"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process

Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is updated as seen in the change revision history below:



INA220-Q1

SLOS785B – JUNE 2012 – REVISED MARCH 2016

www.ti.com

Changes from Revision A (June 2012) to Revision B

Page

• Changed part number to INA220-Q1.....	1
• Added ESD Ratings table, Feature Description section, Device Functional Modes section, Application and Implementation section, Power Supply Recommendations section, Layout section, Device and Documentation Support section, and Mechanical, Packaging, and Orderable Information section	1
• Changed "Two-wire" to "I ² C- or SMBUS-compatible" throughout document	1
• Deleted the Ordering Information table	1
• Corrected errors in graphics	1
• Added automotive part numbers to <i>Related Products</i>	3
• Changed pin names in <i>Pin Configuration and Functions</i>	3
• Added common-mode definition to <i>Absolute Maximum Ratings</i>	4
• Changed IN+ and IN– pin input impedance to input bias current	5
• Changed Power register to Bus Voltage register	10
• Replaced <i>Programming the INA220B-Q1</i> with <i>Programming the INA220-Q1 Calibration Register</i>	12
• Replaced <i>PROGRAMMING THE INA220 POWER MEASUREMENT ENGINE</i> with <i>Calibration Register and Scaling</i>	12
• Updated Table 2 based on one-time sample of devices.....	17
• Changed Power register to Bus Voltage register	23
• Corrected register values in <i>Detailed Design Procedure</i> and Table 8	26
• Changed <i>Configure, Measure, and Calculate Example</i> table to Table 8 and removed first column	26

Device Family	Change From:	Change To:
INA220-Q1	SLOS785A	SLOS785B

These changes may be reviewed at the datasheet links provided.
<http://www.ti.com/product/ina220-q1>

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:

INA220BQDGSRQ1

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