

Notification Number:	20230914001.0	Notification Date:	September 18, 2023
Title:	Datasheet for INA250-Q1 and INA250		
Customer Contact:	Change Management	Dept:	Quality Services
Change Type:	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.



INA250-Q1

SBOS805C – JULY 2016 – REVISED SEPTEMBER 2023

Changes from Revision B (April 2020) to Revision C (September 2023)	Page
• Changed the numbering format for tables, figures, and cross-references throughout the document.....	1
• Changed the <i>Device Information</i> table to <i>Package Information</i>	1
• Changed the <i>Shunt resistance (SH+ to SH-)</i> minimum value for use as stand-alone resistor from: 1.9 mΩ to 1.8 mΩ in the <i>Electrical Characteristics</i> table.....	6
• Changed the <i>Shunt resistance (SH+ to SH-)</i> minimum value for use as stand-alone resistor from: 2.1 mΩ to 2.2 mΩ in the <i>Electrical Characteristics</i> table.....	6



INA250A1, INA250A2, INA250A3, INA250A4

SBOS511C – APRIL 2015 – REVISED SEPTEMBER 2023

Changes from Revision B (December 2015) to Revision C (September 2023)	Page
• Changed the numbering format for tables, figures, and cross-references throughout the document.....	1
• Changed the <i>Device Information</i> table to <i>Package Information</i>	1
• Changed the <i>Shunt resistance (SH+ to SH-)</i> minimum value for use as stand-alone resistor from: 1.9 mΩ to 1.8 mΩ in the <i>Electrical Characteristics</i> table.....	5
• Changed the <i>Shunt resistance (SH+ to SH-)</i> minimum value for use as stand-alone resistor from: 2.1 mΩ to 2.2 mΩ in the <i>Electrical Characteristics</i> table.....	5

The datasheet number will be changing.

Device Family	Change From:	Change To:
INA250-Q1	SBOS805B	SBOS805C
INA250	SBOS511B	SBOS511C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/INA250-Q1>

<http://www.ti.com/product/INA250>

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 documentation change announcement only. There are no changes to the actual device.

Changes to product identification resulting from this notification:

None.

Product Affected:

INA250A1QPWRQ1	INA250A2QPWRQ1	INA250A3QPWRQ1	INA250A4QPWRQ1
INA250A1PW	INA250A1PWR	INA250A2PW	INA250A2PWR

INA250A3PW	INA250A3PWR	INA250A4PW	INA250A4PWR	
------------	-------------	------------	-------------	--

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

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property

right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.