

Notification# 20200604005
Datasheet for ADS1118-Q1
Information Only

Date: June 11, 2020
To: PREMIER FARNELL PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for 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 (PCN_ww_admin_team@list.ti.com).

Sincerely,

Change Management Team
SC Business Services

Information Only Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
ADS1118QDGSRQ1	null

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

Notification Number:	20200604005	Notification Date:	June 11, 2020
Title:	Datasheet for ADS1118-Q1		
Customer Contact:	Notification Manager	Dept:	Quality Services

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.



ADS1118-Q1

SBAS740B – OCTOBER 2015 – REVISED MAY 2020

Changes from Revision A (November 2015) to Revision B	Page
• Changed automotive-specific <i>Features</i> bullets, moved ESD data to <i>ESD Ratings</i> table	1
• Added <i>Functional Safety-Capable</i> bullets to <i>Features</i> section.....	1
• Changed maximum VDD voltage from 5.5 V to 7 V in the <i>Absolute Maximum Ratings</i> table	4
• Added ESD classification information to <i>ESD Ratings</i> table	4
• Changed maximum value of t_{SPWL} parameter in <i>Timing Requirements</i> table from 28 ms to 30.8 ms	7
• Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in second footnote of <i>Timing Requirements</i> table	7
• Changed <i>Serial Interface Timing</i> figure	7
• Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in <i>Serial Clock</i> section	20
• Added last paragraph to the <i>32-Bit Data Transmission Cycle</i> section	22
• Changed bit description of Config Register bit 0	24
• Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the <i>GPIO Ports for Communication</i> section.....	26

The datasheet number will be changing.

Device Family	Change From:	Change To:
ADS1118-Q1	SBAS740A	SBAS740B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ADS1118-Q1>

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

Changes to product identification resulting from this notification:

None.

Product Affected:

ADS1118QDGSRQ1			
----------------	--	--	--

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
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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.