

12500 TI Boulevard, MS 8640, Dallas, Texas 75243

### Notification# 20200513003 Datasheet for ADS1018-Q1 Information Only

Date: May 15, 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 (<u>PCN ww admin team@list.ti.com</u>).

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

ADS1018QDGSRQ1

CUSTOMER PART NUMBER null

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

Customer Contact:       Notification Manager       Dept:       Quality Services         Notification Details       Image:			Notification D	Date:	May 15, 2020
Notification Details         Description of Change:         Revas Instruments Incorporated is announcing an information only notification.         The product datasheet(s) is being updated as summarized below.         The product datasheet(s) is being updated as summarized below.         The product datasheet(s) is being updated as summarized below.         Motification colspan="2">ADS1018-Q         StassTatile -OCTOBER 2015- REVISED APRIL 202         Changed automotive-specific Features bullets, moved ESD Information to ESD Ratings table       1         Added Functional Safey-Capable bullets to Features section.       1         Changed automotive-specific Features bullets, moved ESD Information to ESD Ratings table       4         Changed automotive-specific Features bullets to Features section.       1         Changed automotive-specific Features bullets, moved ESD Information to ESD Ratings table       4         Changed automotive-specific Features bullets, moved ESD Information to ESD Ratings table       4         Changed automotive-specific Features bullets, moved ESD Information to ESD Ratings table       4         Changed automotive-specific Features bullets, moved ESD Information to ESD Ratings table       4         Changed Scist Information to ESD Ratings table       7 <th></th> <th>-</th> <th></th> <th></th> <th></th>		-			
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.         Image: Texas Control Conterecton Control Control Control Conterecto C	Customer Contact: Notification	-		Dept:	Quality Services
Exas 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.         Image: State of the product datasheet(s) is being updated as summarized below.         The following change history provides further details.         Image: State of the product datasheet(s) is being updated as summarized below.         Change from Revision A (November 2015) to Revision B         Change automotive-specific Features bullets, moved ESD information to ESD Ratings table         Added Finding Safety-Capable bullets to Features section.         1         Added ESD classification information to ESD Ratings table         4         Added ESD classification information to ESD Ratings table         4         Added ESD classification information to ESD Ratings table         7         Changed maximum value of topyone parameter in Timing Requirements table from 28 ms to 30.8 ms         7         Changed Scill Interface Timing figure         7         Changed Scill Interface Timing flower         7         Changed Scill Interface Choring Register bit 0         9       Changed Scill Interface Timing flower         7       Changed Scill Interface Timing flower         19       Changed Scill Interface		Notification	Details		
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INSTRUMENTS       SBASTAIB - OCTOBER 2015 - REVISED APRIL 2015         Changes from Revision A (November 2015) to Revision B       Page <ul> <li>Changed automotive-specific Features bullets, moved ESD information to ESD Ratings table</li> <li>Added Functional Safety-Capable bullets to Features section.</li> <li>Changed maximum VDD voltage from 5.5 V to 7 V in the Absolute Maximum Ratings table.</li> <li>Added ESD classification information to ESD Ratings table</li> <li>Changed maximum VDD voltage from 28 ms to 30.8 ms in second footnote of Timing Requirements table</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the Serial Clock section</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the Serial Clock section</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section</li> <li>Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section</li> <li>SBAST41B</li> </ul> <li>Change for Change</li> <li>Change for Change</li> <li>Change for Change</li> <li>Change for Change:</li> <li>To accurately reflect device character</li>	The product datasheet(s) is being	g updated as sum	marized below		
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Added Functional Safety-Capable bullets to Features section     Changed maximum VDD voltage from 5.5 V to 7 V in the Absolute Maximum Ratings table     Added ESD classification information to <i>ESD Ratings</i> table     Changed maximum value of t <sub>SPWL</sub> parameter in <i>Timing Requirements</i> table from 28 ms to 30.8 ms     To Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in second footnote of <i>Timing Requirements</i> table     Added last paragraph to the 32-Bit Data Transmission Cycle section     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the Serial Clock section     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the Serial Clock section     Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the Serial Clock section     Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the Serial Clock section     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the Serial Clock section     Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section     Changed SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section     State paragraph to the 32-Bit Data Transmission Cycle section     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section     Change SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the Serial Clock     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section     Schanged SCLK low time to reset SPI from 28 ms to 30.8 ms in the GPIO Ports for Communication section     Schanges may be reviewed at the datasheet links provided.     Schanges to product Additits     Schan	Changes from Revision A (November 20	015) to Revision B			Page
These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/ADS1018-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:	<ul> <li>Added Functional Safety-Capable bulle</li> <li>Changed maximum VDD voltage from</li> <li>Added ESD classification information to</li> <li>Changed maximum value of t<sub>SPWL</sub> para</li> <li>Changed SCLK low time to reset SPI fi</li> <li>Changed SCLK low time to reset SPI fi</li> <li>Changed SCLK low time to reset SPI fi</li> <li>Added last paragraph to the 32-Bit Dat</li> <li>Changed SCLK low time to reset SPI fi</li> <li>Added last paragraph to the set SPI fi</li> <li>Changed bit description of Config Regi</li> <li>Changed SCLK low time to reset SPI fi</li> </ul>	ets to Features section 5.5 V to 7 V in the Abso o ESD Ratings table ameter in Timing Require from 28 ms to 30.8 ms in from 28 ms to 30.8 ms in ta Transmission Cycle se ister bit 0 from 28 ms to 30.8 ms in anging.	ute Maximum Ratin ments table from 28 second footnote of the Serial Clock se ction	gs table 3 ms to 30.8 n Timing Requin ction Communicati	1 4 4 ns
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	None.				
	Product Affected:				

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

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