PCN Number:	20190305001.0	PCN Date:	March 06, 2019
Title:	Datasheet for ADS8681, ADS8685, ADS8689		
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

ADS8681, ADS8685, ADS8689

SBAS633C – FEBRUARY 2016 – REVISED OCTOBER 2018

Changes from Revision B (December 2016) to Revision C **Page**

- Deleted *per channel* from *ALARM → High, Low Threshold* bullet in *Features* section 1
- Added pin 1 indicator to RUM pinout drawing 4
- Deleted *offers a low impedance of 30 kΩ* from footnotes 2 and 3 in *Absolute Maximum Ratings* table 6
- Changed test conditions of Input Overvoltage Protection Circuit, V_{OVP} parameter 7
- Deleted multichannel reference from *Overview* section 23
- Changed *the input voltage range for each analog channel* to *the input voltage range* in *Analog Input Structure* section 24
- Changed *Input Overvoltage Protection Limits When AVDD = 5 V* table name from *Input Overvoltage Protection Limits When AVDD = 5 V or Offers a Low Impedance of 30 kΩ* 25
- Changed *AVDD is floating with an impedance 30 kΩ* to *AVDD is floating* in *Input Protection Circuit* section 26
- Changed *Input Overvoltage Protection Limits When AVDD = Floating* table title from *Input Overvoltage Protection Limits When AVDD = Floating with Impedance 30 kΩ* 26
- Added footnotes to *List of Input Commands* table 43

The datasheet number will be changing.

Device Family	Change From:	Change To:
ADS8681, ADS8685, ADS8689	SBAS633B	SBAS633C

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/product/ADS8681

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 PCN:

None.

Product Affected:

ADS8681IPW	ADS8681IPWR	ADS8681IRUMR	ADS8681IRUMT
ADS8685IPW	ADS8685IPWR	ADS8689IPW	ADS8689IPWR

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 PCN Team	PCN_ww_admin_team@list.ti.com