

<b>Notification Number:</b>	20210526001A	<b>Notification Date:</b>	June 3, 2021
<b>Title:</b>	Datasheet for ADS131M04		
<b>Customer Contact:</b>	<a href="#">Notification Manager</a>	<b>Dept:</b>	Quality Services
<b>Change Type:</b>	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.

**Rev A is being issued as a retraction. The changes are not applicable. The notification should be disregarded.**



**ADS131M04**  
SBAS890D – MARCH 2019 – REVISED MAY 2021

Changes from Revision C (January 2021) to Revision D (May 2021)	Page
• Changed maximum data rate from 32 kSPS to 64 kSPS in <i>Features</i> section.....	1
• Corrected analog input pin numbering in <i>Pin Functions</i> table .....	4
• Added footnote for <i>Absolute Maximum Ratings</i> table .....	5
• Updated maximum data rate for all power modes.....	7
• Changed noise during startup to 1.5mVrms.....	7
• Updated typical characteristics plots <i>DC CMRR vs AVDD, DC CMRR vs Temperature, Dynamic Range vs Gain and Input Bias Current vs Gain</i> .....	11
• Added OSR of 64 to <i>Noise Measurements</i> section .....	16
• Added OSR of 64 to <i>Digital Filter</i> section.....	20
• Added OSR of 64 to <i>SINC<sup>3</sup> and SINC<sup>3</sup> + SINC<sup>1</sup> Filter</i> section.....	22
• Updated description of the test signal derived from the internal reference .....	24
• Added OSR of 64 to <i>Channel Phase Calibration</i> section.....	25
• Added OSR of 64 to <i>Data Ready</i> section.....	35
• Added TBM (Turbo-mode) bit in CLOCK register in <i>Register Map</i> .....	45
• Changed <i>Register Map</i> table.....	45
• Changed root cause description in <i>Troubleshooting</i> section .....	82

The datasheet number will be changing.

Device Family	Change From:	Change To:
ADS131M04	SBAS890C	SBAS890D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ADS131M04>

#### 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:

ADS131M04IPWR	ADS131M04IPWT	ADS131M04IRUKR	ADS131M04IRUKT
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For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

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