

PCN Number:	20230816001.0	PCN Date:	August 24, 2023
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Title: Datasheet for DACx0501

Customer Contact: Change Management team **Dept:** Quality Services

Change Type: Electrical Specification

PCN 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.



DAC80501, DAC70501, DAC60501
SBAS794E – NOVEMBER 2018 – REVISED AUGUST 2023

Changes from Revision D (February 2020) to Revision E (August 2023)	Page
• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1
• Added two rows for input current in <i>Absolute Maximum Ratings</i>	4
• Changed output voltage drift vs time test conditions under <i>Voltage Reference Output</i> from T _A = 35°C, 1900 hr to T _A = 25°C, 1600 hr in the <i>Electrical Characteristics</i>	5
• Changed output voltage drift vs time value under <i>Voltage Reference Output</i> from 20 μV to 50 ppm in the <i>Electrical Characteristics</i>	5
• Changed Figure 7-48, <i>Internal Reference Voltage vs Temperature</i>	11
• Changed Figure 7-49, <i>Internal Reference Voltage vs Supply Voltage</i>	11
• Added text to end of paragraph to clarify phase margin in <i>Output Amplifier</i> section.....	21
• Changed text in <i>Internal Reference</i> section for clarity.....	21
• Changed all instances of legacy terminology to controller and target where I ² C is mentioned.....	24
• Changed section 8.6.2, <i>DEVID Register</i> , to clarify and correct reset values.....	29

The datasheet number will be changing.

Device Family	Change From:	Change To:
DACx0501	SBAS794D	SBAS794E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/DAC80501>

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:

DAC60501MDGSR	DAC60501ZDQFR	DAC70501ZDGSR	DAC80501MDQFR	
DAC60501MDGST	DAC60501ZDQFT	DAC70501ZDGST	DAC80501MDQFT	
DAC60501MDQFR	DAC70501MDGSR	DAC70501ZDQFR	DAC80501ZDGSR	
DAC60501MDQFT	DAC70501MDGST	DAC70501ZDQFT	DAC80501ZDGST	
DAC60501ZDGSR	DAC70501MDQFR	DAC80501MDGSR	DAC80501ZDQFR	
DAC60501ZDGST	DAC70501MDQFT	DAC80501MDGST	DAC80501ZDQFT	

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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