



## Product/Process Change Notice - PCN 24\_0042 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887, USA

This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

<b>PCN Title:</b>	AD694 Datasheet Limit Change
<b>Publication Date:</b>	01-Apr-2024
<b>Effectivity Date:</b>	04-Jul-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Initial Release

### Description Of Change:

Please be advised that Analog Devices has made a change to the AD694 product datasheet to facilitate improvement in manufacturing capability. The changes are shown on the attached pages of the marked-up datasheet.

AD694-Specifications table changes (page 2 of datasheet):

1. Transfer Function Error from Nom, Input FS = 2 V, 10 V - changed from +/-0.15% of Span to +/-0.225
2. Transfer Function Error from Nom, Tmin to Tmax - changed from +/-0.0025% of Span/C to +/-0.003 of Span/C
3. Voltage Reference Output Voltage: 2 V Reference Tmin to Tmax - changed from 30ppm/C to 45ppm/C

### Reason For Change:

To facilitate improvement in manufacturing capability.

### Impact of the change (positive or negative) on fit, form, function & reliability:

This datasheet change does not impact the fit, form, function, or reliability of the AD694.

### Product Identification *(this section will describe how to identify the changed material)*

Product shipped after effectivity date will be tested to the new limits.

They can be identified with date code and lot traceability identification.

### Summary of Supporting Information:

Changes will be reflected on the new product datasheet Rev C.

### Supporting Documents

**Attachment 1: Type:** Other

[ADI\\_PCN\\_24\\_0042\\_Rev\\_-AD694\\_Datasheet\\_Mark\\_Up.pdf...](#)

Note: If applicable, the device material declaration will be updated due to material change.

### ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Korea:</b>	<b>Rest of Asia:</b>
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_Korea@analog.com	PCN_ROA@analog.com

**Appendix A - Affected ADI Models:**

**Added Parts On This Revision - Product Family / Model Number (4)**

AD694 / AD694BQ

AD694 / AD694BRZ

AD694 / AD694BRZ-REEL

AD694 / AD694BRZ-REEL7

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	01-Apr-2024	04-Jul-2024	Initial Release