



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.

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

Americas:	Europe:	Japan:	Korea:	Rest of Asia:
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:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	01-Apr-2024	04-Jul-2024	Initial Release