

Product/Process Change Notice - PCN 2508 -

AnalogDevices, Inc. One Analog Way, Wilmington, MA01887, 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. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.

PCN Title:	Design Revision and Datasheet Change for MAX32690 Device
Publication Date:	20-Aug-2025
Effectivity Date:	18-Nov-2025 (the earliest date that a customer could expect to receive changed material)
Revision Description:	Initial Release.

Description Of Change:

The digital NVM controller was modified to have two levels of protection during power cycles.

The PUF array columns were modified to reduce capacitance, and the array devices were modified to provide greater voltage margin at low VDD.

As a result of the design change, the VCORE supply voltage range in the datasheet is also being updated from 0.99V – 1.21V to 1.045V – 1.155V (page 9).

Reason For Change:

To prevent:

- 1) NVM corruption during power cycles.
- 2) PUF key generation stability issues at low VDD.

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

There is no impact to fit, form, function, quality, or reliability.

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

Analog Devices maintains full traceability by device marking, packaging labels and shipment documents.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

Supporting Documents:

Attachment 1: Type: Qualification Report Summary

[MAX32690 Qualification Report.pdf](#)

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 - Impacted items, see csv PN listing in PCN Zip file

Appendix B – Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	20-Aug-2025	18-Nov-2025	Initial Release.