



Product/Process Change Notice - PCN 23_0037 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:	LT8686S Die Thickness Change
Publication Date:	21-Apr-2023
Effectivity Date:	24-Jul-2023 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release

Description Of Change:

Change the die back grind thickness from 450um to 200um.

Reason For Change:

For product standardization.

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

No impact to form, fit or function & reliability.

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

DateCode will be provided to customer upon implementation

Summary of Supporting Information:

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

[ADI_PCN_23_0037_Rev_-_Rel_Report_20395-LT8686S_New_Product_Automotive_...](#)

Attachment 2: Type: Delta Qualification Matrix

[ADI_PCN_23_0037_Rev_-_LT8686S_PCN-Delta-Qualification-Matrix-ZVEI-5_0_...](#)

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:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

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

LT8686S / LT8686SJV#PBF

LT8686S / LT8686SJV#TRPBF

LT8686S / LT8686SJV#V/PBF

LT8686S / LT8686SJV#VTRPBF

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	21-Apr-2023	24-Jul-2023	Initial Release