



Product/Process Change Notice - PCN 23_0184 Rev. -

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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:	Notification of Qualification of Die Thickness Update for LT8638S
Publication Date:	10-Oct-2023
Effectivity Date:	12-Jan-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

Die thickness updated from 450um to 200um.

Reason For Change:

Better manufacturability of the product.

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

There is no impact on the product's fit, form, function or reliability.

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

The cut-off date code will identify the product. A cut-off date code will be provided upon customer request.

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_0184_Rev - LT8638 Reliability_Report.pdf...](#)

Attachment 2: Type: Delta Qualification Matrix

[ADI_PCN_23_0184_Rev - LT8638S PCN-Delta-Qualification-Matrix-ZVEI-5_0 ...](#)

Attachment 3: Type: Other

[ADI_PCN_23_0184_Rev - LT8638S Thermal Analysis Summary.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:	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 (8)

LT8638S / LT8638SEV#PBF	LT8638S / LT8638SEV#TRPBF	LT8638S / LT8638SEV#VPBF	LT8638S / LT8638SEV#WTRPBF	LT8638S / LT8638SJV#PBF
LT8638S / LT8638SJV#TRPBF	LT8638S / LT8638SJV#WPBF	LT8638S / LT8638SJV#VTRPBF		

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	10-Oct-2023	12-Jan-2024	Initial Release.