



## 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.

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

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Rest of Asia:</b>
<a href="mailto:PCN_Americas@analog.com">PCN_Americas@analog.com</a>	<a href="mailto:PCN_Europe@analog.com">PCN_Europe@analog.com</a>	<a href="mailto:PCN_Japan@analog.com">PCN_Japan@analog.com</a>	<a href="mailto:PCN_ROA@analog.com">PCN_ROA@analog.com</a>

## 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:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	10-Oct-2023	12-Jan-2024	Initial Release.