



Product/Process Change Notice - PCN 24_0118 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:	LTC3313 - Die Thickness and Thermal Parameters Change
Publication Date:	07-Oct-2024
Effectivity Date:	09-Jan-2025 <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 and thermal parameters will be changed as shown in attached document.

Reason For Change:

Die thickness change for improved manufacturability.

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

The change is transparent in customer applications since there is no change in form, fit, function, quality or reliability of the product.

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

Production shipment of the product incorporating the new material will begin no sooner than the effective date.

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_24_0118_Rev_-_Reliability_Report_LTC3313_Die_Thickness_Change....](#)

Attachment 2: Type: Revised Datasheet Specification

[ADI_PCN_24_0118_Rev_-_Datasheet_Thermal_Markup.png...](#)

Attachment 3: Type: Delta Qualification Matrix

[ADI_PCN_24_0118_Rev_-_PCN_DeQuMa_-_LTC3313_082124.xlsm...](#)

Attachment 4: Type: Other

[ADI_PCN_24_0118_Rev_-_Thermal_Analysis_Summary_-_LTC3313.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:

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (24)

LTC3313 / LTC3313EV#PBF	LTC3313 / LTC3313EV#TRMPBF	LTC3313 / LTC3313EV#TRPBF	LTC3313 / LTC3313EV#WPBF	LTC3313 / LTC3313EV#WTRMPBF
LTC3313 / LTC3313EV#WTRPBF	LTC3313 / LTC3313EV-0.75#PBF	LTC3313 / LTC3313EV-0.75#TRMPBF	LTC3313 / LTC3313EV-0.75#TRPBF	LTC3313 / LTC3313EV-0.75#WPBF
LTC3313 / LTC3313EV-0.75#WTRMPBF	LTC3313 / LTC3313EV-0.75#WTRPBF	LTC3313 / LTC3313JV#PBF	LTC3313 / LTC3313JV#TRMPBF	LTC3313 / LTC3313JV#TRPBF
LTC3313 / LTC3313JV#WPBF	LTC3313 / LTC3313JV#WTRMPBF	LTC3313 / LTC3313JV#WTRPBF	LTC3313 / LTC3313JV-0.75#PBF	LTC3313 / LTC3313JV-0.75#TRMPBF
LTC3313 / LTC3313JV-0.75#TRPBF	LTC3313 / LTC3313JV-0.75#WPBF	LTC3313 / LTC3313JV-0.75#WTRMPBF	LTC3313 / LTC3313JV-0.75#WTRPBF	

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	07-Oct-2024	09-Jan-2025	Initial Release