

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:	LT8315 Die Revision
Publication Date:	17-Dec-2025
Effectivity Date:	21-Mar-2026 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release

Description Of Change:

NMOS pull-down devices are added to two internal circuit nodes to ensure proper discharge during short shutdowns at cold temperatures. This prevents incorrect logic states during startup.

Reason For Change:

To eliminate erratic switching behavior during startup after short shutdowns at cold temperatures (-30°C to -40°C), which can cause damage to the device, transformer, and board.

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

No impact to form, fit, function, or reliability.

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

The parts that assembled with the new die will be identified by the date code.

Summary of Supporting Information:

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

Supporting Documents:

Attachment 1: Type: Qualification Results Summary

ADI_PCN_25_0056_Rev_-_LT8315 Qualification Results Summary - RQR12137A.pdf

Attachment 2: Type: Delta Qualification Matrix

ADI_PCN_25_0056_Rev_-_PCN-Delta-Qualification-Matrix-ZVEI-5_2_1 - LT8315.xls

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 (6)

LT8315 / LT8315EFE#PBF

LT8315 / LT8315EFE#TRPBF

LT8315 / LT8315HFE#PBF

LT8315 / LT8315HFE#TRPBF

LT8315 / LT8315IFE#PBF

LT8315 / LT8315IFE#TRPBF

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	17-Dec-2025	21-Mar-2026	Initial Release