



## Product/Process Change Notice - PCN 21\_0091 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887

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:** LT3960 Assembly Location and Datasheet ESD Rating for General Release

**Publication Date:** 10-May-2021

**Effectivity Date:** 12-Aug-2021 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release

**Description Of Change:**

Switching to a new package construction using different assembly house (UTAC), leadframe, and die attach to meet customer demand.

- Replacement is a qualified standard leadframe with no fused connection between Pin3 and exposed pad.
- Stitch bond between Pin3 and paddle to closely match original leadframe design.
- Die attach will be changing to standard die attach used by UTAC for this package.

Removal of 8kV HBM ESD performance on the LT3960 product datasheet.

**Reason For Change:**

Due to 26 weeks lead time for custom leadframe

Due to assembly change the ESD rating listed on the datasheet was not met during qualification. CAN pins are able to still pass up to  $\pm 4\text{kV}$  HBM and all other pins to  $\pm 2\text{kV}$  with new assembly leadframe.

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

This change will impact internal leadframe form only (external package dimensions will not change).

Part reliability is not affected due to change in assembly. If ESD rating higher than  $\pm 4\text{kV}$  is needed see Typical Application Network for IEC 6100-4-2 Level 4 ESD Protection section of datasheet for more ESD protection.

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

Date code and lot number can be used for identification.

**Summary of Supporting Information:**

Qualification will be performed per Industry Standard Test Methods. See attached Qualification Results.

Changes will be reflected on Revision B on the product datasheet.

**Supporting Documents**

**Attachment 1: Type:** Revised Datasheet Specification

ADI\_PCN\_21\_0091\_Rev\_-\_LT3960\_RevB\_Redlined\_Edits.pdf

**Attachment 2: Type:** Qualification Results Summary

ADI\_PCN\_21\_0091\_Rev\_-\_LT3960\_QualificationResultsSummary.pdf

**For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.**

**Americas:**  
PCN\_Americas@analog.com

**Europe:**  
PCN\_Europe@analog.com

**Japan:**  
PCN\_Japan@analog.com

**Rest of Asia:**  
PCN\_ROA@analog.com



**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (8)**

/LT3960EMSE#WTRPBF	/LT3960JMSE#PBF	/LT3960JMSE#TRPBF	LT3960 / LT3960EMSE#PBF	LT3960 / LT3960EMSE#TRPBF
LT3960 / LT3960EMSE#WPBF	LT3960 / LT3960JMSE#WPBF	LT3960 / LT3960JMSE#VTRPBF		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	10-May-2021	12-Aug-2021	Initial Release

Analog Devices, Inc.

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