



Product/Process Change Notice - PCN 21_0079 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: Polyimide and Redistribution Layers Thickness Change

Publication Date: 12-May-2021

Effectivity Date: 14-Aug-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Increase the Polyimide and redistribution layers thickness.

Reason For Change:

The thicker polyimide/repassivation and redistribution layers lower the internal stress on the part thereby enhancing the overall reliability of the part.

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

The device quality, performance, and function as specified by the data sheets will be unaffected by this change. The reliability of the device will be enhanced.

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

The Date-Code of all the future lots with this change will be provided upon request.

Summary of Supporting Information:

A lookahead qualification was conducted (x100 cycles of TCT) using FR4 carrier boards with zero failures. A full qualification (x1000 cycles) is being performed per Industry Standard Test Methods. See attached Qualification Plan Summary.

Supporting Documents

Attachment 1: Type: Qualification Plan

ADI_PCN_21_0079_Rev_-_PCN Qual Summary v2.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 (1)

ADP5075 / ADP5075ACBZ-R7				
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Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	12-May-2021	14-Aug-2021	Initial Release.

Analog Devices, Inc.

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