



Product/Process Change Notice - PCN 19_0197 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

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: Addition of a Polyimide Layer to ADA4891-4 in 14-Lead TSSOP

Publication Date: 07-Oct-2019

Effectivity Date: 09-Jan-2020 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

ADI will add a polyimide passivation layer on top of the existing glassivation layer for the ADA4891-4 in TSSOP as part of an automotive requirement.

Reason For Change:

This is cited as continuous improvement activity to improve ESD robustness, enhanced protection against die scratches, package stresses, Surface ESD/EOS events and radiation.

Note: Numerous ADI products have always had a polyimide passivation layer on top of the glassivation layer. These products have proven highly reliable through numerous qualifications and many years of field application.

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

Changes to the devices will not impact form, fit, function, quality or reliability.

Summary of Supporting Information:

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits.

Supporting Documents

Attachment 1: Type: Delta Qualification Matrix

ADI_PCN_19_0197_Rev_-_ADA4891-4_DELTA_QUALIFICATION_MATRIX.pdf

Attachment 2: Type: Qualification Results Summary

ADI_PCN_19_0197_Rev_-_ADA4891-4_QUALIFICATION_RESULTS_SUMMARY.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:
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Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (1)

ADA4891-4 / ADA4891-4WARUZ-R7				
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Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	07-Oct-2019	09-Jan-2020	Initial Release.

Analog Devices, Inc.

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