



## 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:**  
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)**

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

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	07-Oct-2019	09-Jan-2020	Initial Release.

Analog Devices, Inc.

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