



## Product/Process Change Notice - PCN 20\_0156 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:** ADW22400 Cap Change

**Publication Date:** 07-Apr-2020

**Effectivity Date:** 10-Jul-2020 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release.

**Description Of Change:**

A cap shim is being added to improve the robustness of the seal process. The cap shim incorporates a Si "bump" patterned on the bottom of the cap seal ring.

**Reason For Change:**

Improve robustness of ADW22400 AlGe cap seal.

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

No change to fit, form, function & reliability.

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

Customer has requested that the new material be electrically identifiable. A change to the test code register will differentiate this material from material with non-cap shim. Details in attachment.

**Summary of Supporting Information:**

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary.

**Supporting Documents**

**Attachment 1: Type:** Delta Qualification Matrix

ADI\_PCN\_20\_0156\_Rev\_-\_Delta-Qualification-Matrix\_ADW22400.xlsm

**Attachment 2: Type:** Customer Change Form

ADI\_PCN\_20\_0156\_Rev\_-\_ADW22400\_Cap Shim.pdf

**Attachment 3: Type:** Qualification Results Summary

ADI\_PCN\_20\_0156\_Rev\_-\_Qualification Results Summary\_ADW22400\_Integrated Standoff Cap (ISC).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)**

ADXL152 / ADW22400-RL				
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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-Apr-2020	10-Jul-2020	Initial Release.

Analog Devices, Inc.

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