



Product/Process Change Notice - PCN 22_0275 Rev. A

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

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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

PCN Title:	Qualification of Alternate Wafer Fab Site for MEMS Products ADXL312
Publication Date:	16-Dec-2022
Effectivity Date:	19-Feb-2023 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Adding more information to the description of change for more clarity.

Description Of Change:

The current fabrication process for the MEMS wafer begins at TSMC, Hsinchu, Taiwan, and completes at Analog Devices, Wilmington, MA, USA (ADWL). A MEMS process that is performed entirely at ADWL is being added as an alternate fab site.

Reason For Change:

This change will ensure continuity of supply.

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

There is no impact to fit, form, function, or reliability.

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

Date Code will be used for product identification.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Report.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

[ADI_PCN_22_0275_Rev_A_ADXL312A Reliability Report.pdf...](#)

Attachment 2: Type: Delta Qualification Matrix

[ADI_PCN_22_0275_Rev_A_Q20048 ADXL312 POR Auto Delta Qual Matrix V5 002...](#)

Note: If applicable, the device material declaration will be updated due to material change.

ADI Contact Information:

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

Americas:	Europe:	Japan:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Existing Parts - Product Family / Model Number (4)

ADXL312 / ADXL312ACPZ

ADXL312 / ADXL312ACPZ-RL

ADXL312 / ADXL312WACPZ

ADXL312 / ADXL312WACPZ-RL

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	17-Nov-2022	19-Feb-2023	Initial Release.
Rev. A	16-Dec-2022	19-Feb-2023	Adding more information to the description of change for more clarity.