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 (the earliest date that a customer could expect to receive changed material)	
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.	