



## Product/Process Change Notice - PCN 23\_0068 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.*

<b>PCN Title:</b>	Qualification of Alternate Wafer Fab Site at ADI Limerick for 0.6um CMOS Amplifier Product
<b>Publication Date:</b>	06-Feb-2024
<b>Effectivity Date:</b>	10-May-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Add parts. Add Updated Delta Qualification Matrix. Update to change description.

### Description Of Change:

1) Analog Devices is adding Analog Devices, Limerick (ADLK) as an alternate Wafer Fab site to TSMC Fab 9, Fab 2A and Fab2B for 0.6um CMOS Amplifier products.

2) Changed wafer diameter from 6" to 8" for a limited number of parts, refer to table in Supporting Documents section for substrate change details.

### Reason For Change:

This change will ensure manufacturing agility and 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)*

Analog Devices maintains traceability internally to manufacturing location site via marking on the device.

### Summary of Supporting Information:

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

### Supporting Documents

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

[ADI\\_PCN\\_23\\_0068\\_Rev\\_A\\_Delta\\_Qualification\\_Matrix\\_AD8648.xlsm...](#)

**Attachment 2: Type:** Detailed Change Description

[ADI\\_PCN\\_23\\_0068\\_Rev\\_A\\_Amplifier\\_Parts\\_Substrate\\_Change\\_Details\\_from...](#)

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

[ADI\\_PCN\\_23\\_0068\\_Rev\\_A\\_Qualification\\_Results\\_Wafer\\_Fab\\_Site\\_at\\_ADI\\_Lime...](#)

**Attachment 4: Type:** Delta Qualification Matrix

[ADI\\_PCN\\_23\\_0068\\_Rev\\_A\\_DeltaQualificationMatrix\\_ZVEI-5\\_0\\_16.xlsm...](#)

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

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**ADI Contact Information:**

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

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Korea:</b>	<b>Rest of Asia:</b>
<a href="mailto:PCN_Americas@analog.com">PCN_Americas@analog.com</a>	<a href="mailto:PCN_Europe@analog.com">PCN_Europe@analog.com</a>	<a href="mailto:PCN_Japan@analog.com">PCN_Japan@analog.com</a>	<a href="mailto:PCN_Korea@analog.com">PCN_Korea@analog.com</a>	<a href="mailto:PCN_ROA@analog.com">PCN_ROA@analog.com</a>

## Appendix A - Affected ADI Models:

### Existing Parts - Product Family / Model Number (95)

AD8541 / AD8541AKSZ-REEL7	AD8541 / AD8541ARTZ-REEL	AD8541 / AD8541ARTZ-REEL7	AD8541 / AD8541ARZ	AD8541 / AD8541ARZ-REEL
AD8541 / AD8541ARZ-REEL7	AD8601 / AD8601ARTZ-R2	AD8601 / AD8601ARTZ-REEL	AD8601 / AD8601ARTZ-REEL7	AD8601 / AD8601WARTZ-R7
AD8601 / AD8601WARTZ-RL	AD8601 / AD8601WDRTZ-REEL	AD8601 / AD8601WDRTZ-REEL7	AD8601 / ADW60010DRTZ-R7	AD8604 / AD8604ARQZ
AD8604 / AD8604ARQZ-RL	AD8604 / AD8604ARUZ	AD8604 / AD8604ARUZ-REEL	AD8604 / AD8604ARZ	AD8604 / AD8604ARZ-REEL
AD8604 / AD8604ARZ-REEL7	AD8604 / AD8604DRUZ	AD8604 / AD8604DRUZ-REEL	AD8604 / AD8604DRZ	AD8604 / AD8604DRZ-REEL
AD8604 / AD8604WARZ	AD8604 / AD8604WARZ-RL	AD8605 / AD8605ARTZ-R2	AD8605 / AD8605ARTZ-REEL	AD8605 / AD8605ARTZ-REEL7
AD8606 / AD45314-REEL	AD8606 / AD8606ARMZ-R7	AD8606 / AD8606ARMZ-REEL	AD8606 / AD8606ARZ	AD8606 / AD8606ARZ-REEL
AD8606 / AD8606ARZ-REEL7	AD8608 / AD8608-KGD-CHIP	AD8608 / AD8608ARUZ	AD8608 / AD8608ARUZ-REEL	AD8608 / AD8608ARZ
AD8608 / AD8608ARZ-REEL	AD8608 / AD8608ARZ-REEL7	AD8616 / AD8616ARMZ	AD8616 / AD8616ARMZ-REEL	AD8616 / AD8616ARZ
AD8616 / AD8616ARZ-REEL	AD8616 / AD8616ARZ-REEL7	AD8628 / AD8628ARTZ-R2	AD8628 / AD8628ARTZ-REEL7	AD8628 / AD8628ARZ
AD8628 / AD8628ARZ-REEL	AD8628 / AD8628ARZ-REEL7	AD8628 / AD8628AUJZ-REEL	AD8628 / AD8628AUJZ-REEL7	AD8628 / AD8628WARTZ-R7
AD8628 / AD8628WARTZ-RL	AD8628 / AD8628WARZ-R7	AD8628 / AD8628WAUJZ-R7	AD8628 / AD8628WAUJZ-RL	AD8648 / AD8648ARUZ
AD8648 / AD8648ARUZ-REEL	AD8648 / AD8648ARZ	AD8648 / AD8648ARZ-REEL	AD8648 / AD8648ARZ-REEL7	AD8648 / AD8648WARUZ
AD8648 / AD8648WARUZ-RL	AD8648 / ADW60000ARUZ-RL	AD8648 / ADW60024ARUZ-RL	AD8655 / AD8655ARMZ	AD8655 / AD8655ARMZ-REEL
AD8655 / AD8655ARZ	AD8655 / AD8655ARZ-REEL	AD8655 / AD8655ARZ-REEL7	AD8655 / AD8655WARMZ-RL	AD8656 / AD8656ARMZ
AD8656 / AD8656ARMZ-REEL	AD8656 / AD8656ARZ	AD8656 / AD8656ARZ-REEL	AD8656 / AD8656ARZ-REEL7	AD8656 / AD8656WARMZ-REEL
AD8656 / ADW60008ARMZ-RL	AD8692 / AD8692ARMZ-R7	AD8692 / AD8692ARMZ-REEL	AD8692 / AD8692ARZ	AD8692 / AD8692ARZ-REEL
AD8692 / AD8692ARZ-REEL7	AD8692 / AD8692WARMZ-REEL	AD8692 / ADW60014ARMZ-RL	AD8692 / ADW60015ARMZ-RL	AD8694 / AD8694ARUZ
AD8694 / AD8694ARUZ-REEL	AD8694 / AD8694ARZ	AD8694 / AD8694ARZ-REEL7	AD8694 / AD8694WARUZ	AD8694 / AD8694WARUZ-REEL

## Appendix A - Affected ADI Models:

### Added Parts On This Revision - Product Family / Model Number (5)

AD8538 / AD8538ARZ	AD8538 / AD8538ARZ-REEL7	AD8538 / AD8538AUJZ-REEL7	AD8538 / AD8538WAUJZ-R7	AD8628 / AD86280001RTZR7
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**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	08-May-2023	10-Aug-2023	Initial Release.
Rev. A	06-Feb-2024	10-May-2024	Add parts. Add Updated Delta Qualification Matrix. Update to change description.