



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

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.

<b>PCN Title:</b>	Qualification of Alternate Wafer Fab Site at ADI Limerick for 0.6um CMOS Amplifier Product
<b>Publication Date:</b>	08-May-2023
<b>Effectivity Date:</b>	10-Aug-2023 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Initial Release.

### Description Of Change:

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

2) Changed wafer diameter from 6" to 8" for a limited number of parts, ref 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\\_-\\_Delta\\_Qualification\\_Matrix\\_AD8648.xlsm...](#)

**Attachment 2: Type:** Qualification Results Summary

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

**Attachment 3: Type:** Detailed Change Description

[ADI\\_PCN\\_23\\_0068\\_Rev\\_-\\_Amplifier\\_Parts\\_-\\_Substrate\\_Change\\_Detail\\_TSMC...](#)

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:**



## Appendix A - Affected ADI Models:

### Added Parts On This Revision - 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 / AD8628WUJZ-R7	AD8628 / AD8628WUJZ-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 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.