



## Product/Process Change Notice - PCN 23\_0143 Rev. B

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. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

**Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.**

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

<b>PCN Title:</b>	Qualification of an Alternate Wafer Fab Site for 0.5um TSMC CMOS Process
<b>Publication Date:</b>	19-Feb-2026
<b>Effectivity Date:</b>	06-May-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Removed parts and update Qualification Report Summary.

### Description Of Change:

- 1) Analog Devices is adding Analog Devices, Ireland (ADLK) as an alternate Wafer Fab site to TSMC Fab9 and TSMC Fab2B for 0.5um CMOS Process.
- 2) Changed to wafer diameter from 6" to 8" for select parts. Refer to substrate changed detail table in the Supporting Documents section of this PCN.

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

### Supporting Documents:

**Attachment 1: Type:** Detailed Change Description

ADI\_PCN\_23\_0143\_Rev\_B\_Change\_Details\_0p5um Parts Substrate\_TSMC\_2B to ADLK.pdf

**Attachment 2: Type:** Delta Qualification Matrix

ADI\_PCN\_23\_0143\_Rev\_B\_Delta-Qualification-Matrix-ZVEI-5\_0\_16.xlsm

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

ADI\_PCN\_23\_0143\_Rev\_B\_Qualification\_Results\_0p5um\_CMOS\_Wafer\_Fab\_Site\_at\_ADI\_Limerick\_revE.pdf

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 (119)

AD2S1205 / AD2S1205WSTZ	AD2S1205 / AD2S1205YSTZ	AD2S1205 / ADW71205WSTZ	AD2S1205 / ADW71205WSTZ-RL	AD2S1205 / ADW71205YSTZ
AD2S1205 / ADW71205YSTZ-RL	AD2S1205 / ADWFS71205WSTZ-RL	AD2S1210 / AD2S1210SSTZ-EPRL7	AD2S1210 / AD2S1210WDSTZ	AD2S1210 / AD2S1210WDSTZRL7
AD7190 / AD7190BRUZ	AD7190 / AD7190BRUZ-REEL	AD7192 / AD7192BRUZ	AD7192 / AD7192BRUZ-REEL	AD7193 / AD701009Z-0RL
AD7193 / AD7193BCPZ	AD7193 / AD7193BCPZ-RL	AD7193 / AD7193BCPZ-RL7	AD7193 / AD7193BRUZ	AD7193 / AD7193BRUZ-REEL
AD7194 / AD7194BCPZ	AD7194 / AD7194BCPZ-REEL	AD7194 / AD7194BCPZ-REEL7	AD7195 / AD42/334Z-0RL	AD7195 / AD7195BCPZ
AD7195 / AD7195BCPZ-RL	AD7195 / AD7195BCPZ-RL7	AD7196 / AD7196BCPZ-RL	AD7196 / AD7196BCPZ-RL7	AD7682 / AD7682BCBZ-RL7
AD7682 / AD7682BCPZ	AD7682 / AD7682BCPZRL7	AD7683 / AD7683ACPZRL7	AD7683 / AD7683ARMZ	AD7683 / AD7683ARMZRL7
AD7683 / AD7683BCPZRL7	AD7683 / AD7683BRMZ	AD7683 / AD7683BRMZRL7	AD7684 / AD7684BRMZ	AD7684 / AD7684BRMZRL7
AD7685 / AD7685ACPZRL7	AD7685 / AD7685ARMZ	AD7685 / AD7685ARMZRL7	AD7685 / AD7685BCPZRL7	AD7685 / AD7685BRMZ
AD7685 / AD7685BRMZRL7	AD7685 / AD7685CCPZRL7	AD7685 / AD7685CRMZ	AD7685 / AD7685CRMZRL7	AD7686 / AD7686BCPZRL7
AD7686 / AD7686BRMZ	AD7686 / AD7686BRMZRL7	AD7686 / AD7686CCPZ-R2	AD7686 / AD7686CCPZRL7	AD7686 / AD7686CRMZ
AD7686 / AD7686CRMZRL7	AD7687 / AD7687BCPZRL7	AD7687 / AD7687BRMZ	AD7687 / AD7687BRMZRL7	AD7688 / AD7688BCPZRL7
AD7688 / AD7688BRMZ	AD7688 / AD7688BRMZRL7	AD7689 / AD7689ACPZ	AD7689 / AD7689ACPZRL7	AD7689 / AD7689BCBZ-RL7
AD7689 / AD7689BCPZ	AD7689 / AD7689BCPZRL7	AD7689 / AD7689CCPZ	AD7689 / AD7689CCPZRL7	AD7689 / AD7689FNS-DIE
AD7695 / AD71090ZRL	AD7695 / AD71090ZRL7	AD7699 / AD7699BCBZ-RL7	AD7699 / AD7699BCBZ-WP	AD7699 / AD7699BCPZ
AD7699 / AD7699BCPZRL7	AD7708 / AD7708BRUZ	AD7708 / AD7708BRUZ-REEL	AD7708 / AD7708BRUZ-REEL7	AD7708 / AD7708BRZ
AD7708 / AD7708BRZ-REEL	AD7708 / AD7708BRZ-REEL7	AD7785 / AD42/320Z-0	AD7785 / AD42/320Z-0REEL	AD7785 / AD7785BRUZ
AD7785 / AD7785BRUZ-REEL	AD7786 / AD42/322Z-0	AD7786 / AD42/322Z-0REEL	AD7786 / AD701015Z-0RL	AD7792 / AD7792BRUZ
AD7792 / AD7792BRUZ-REEL	AD7793 / AD42/318Z-0	AD7793 / AD42/318Z-0REEL	AD7793 / AD701029Z-0RL7	AD7793 / AD7793BRUZ
AD7793 / AD7793BRUZ-REEL	AD7794 / AD7794BRUZ	AD7794 / AD7794BRUZ-REEL	AD7794 / AD7794CRUZ	AD7794 / AD7794CRUZ-REEL
AD7795 / AD701002Z-0RL	AD7795 / AD7795BRUZ	AD7795 / AD7795BRUZ-REEL	AD7798 / AD7798BRUZ	AD7798 / AD7798BRUZ-REEL
AD7799 / AD42/317Z-0	AD7799 / AD42/317Z-0REEL	AD7799 / AD7799BRUZ	AD7799 / AD7799BRUZ-REEL	AD7942 / AD7942BCPZRL7
AD7942 / AD7942BRMZ	AD7942 / AD7942BRMZ-RL7	AD7946 / AD7946BRMZ	AD7946 / AD7946BRMZRL7	AD7949 / AD7949BCPZ
AD7949 / AD7949BCPZRL7	AD7949 / AD7949SCPZ-EP-R2	AD7949 / AD7949SCPZ-EP-RL7	MCPCHIPS / AD7683DIE	

## Appendix A - Affected ADI Models::

### Removed Parts On All Revisions - Product Family / Model Number (65)

ADM6316 / ADM6316AY27ARJZ-R7	ADM6316 / ADM6316AY29ARJZ-R7	ADM6316 / ADM6316AZ29ARJZ-R7	ADM6316 / ADM6316BX30ARJZ-R7	ADM6316 / ADM6316BX46ARJZ-R7
ADM6316 / ADM6316CW25ARJZ-R7	ADM6316 / ADM6316CY26ARJZ-R7	ADM6316 / ADM6316CY29ARJZ-R7	ADM6316 / ADM6316CY46ARJZ-R7	ADM6316 / ADM6316DZ26ARJZ-RL7
ADM6316 / ADM6316DZ26ARJZ-R7	ADM6316 / ADM6316DZ31ARJZ-R7	ADM6318 / ADM6318BX49ARJZ-R7	ADM6318 / ADM6318CY29ARJZ-R7	ADM6318 / ADM6318CY46ARJZ-R7
ADM6318 / ADM6318CZ28ARJZ-R7	ADM6319 / ADM6319E25ARJZ-R7	ADM6319 / ADM6319B31ARJZ-RL7	ADM6319 / ADM6319C29ARJZ-RL7	ADM6319 / ADM6319C46ARJZ-RL7
ADM6710 / AD51/098Z-0RL7	ADM6710 / ADM6710BARJZ-REEL7	ADM6710 / ADM6710CARJZ-REEL7	ADM6710 / ADM6710DARJZ-REEL7	ADM6710 / ADM6710EARJZ-REEL7
ADM6710 / ADM6710FARJZ-REEL7	ADM6710 / ADM6710IARJZ-REEL7	ADM6710 / ADM6710JARJZ-REEL7	ADM6710 / ADM6710KARJZ-REEL7	ADM6710 / ADM6710LARJZ-REEL7
ADM6710 / ADM6710QARJZ-REEL7	ADM705 / ADM705ARZ	ADM705 / ADM705ARZ-REEL	ADM705 / ADM705ARZ-REEL7	ADM706 / ADM706ARZ
ADM706 / ADM706ARZ-REEL	ADM706 / ADM706ARZ-REEL7	ADM706 / ADM706RARZ	ADM706 / ADM706RARZ-REEL	ADM706 / ADM706RARZ-REEL7
ADM706 / ADM706SARZ	ADM706 / ADM706SARZ-REEL	ADM706 / ADM706TARZ	ADM706 / ADM706TARZ-REEL	ADM823 / ADM823LYKSZ-R7
ADM823 / ADM823LYRZ-R7	ADM823 / ADM823MYRZ-R7	ADM823 / ADM823RYRZ-R7	ADM823 / ADM823SYKSZ-R7	ADM823 / ADM823SYRZ-R7
ADM823 / ADM823YKSZ-R7	ADM823 / ADM823TYRZ-R7	ADM823 / ADM823YYSZ-R7	ADM823 / ADM823ZYKSZ-R7	ADM824 / ADM824LYRZ-REEL7
ADM824 / ADM824RYKSZ-REEL7	ADM824 / ADM824SYKSZ-REEL7	ADM824 / ADM824SYRZ-REEL7	ADM825 / ADM825LYRZ-R7	ADM825 / ADM825RYRZ-R7
ADM825 / ADM825SYKSZ-R7	ADM825 / ADM825SYRZ-R7	ADM825 / ADM825TYKSZ-R7	ADM825 / ADM825TYRZ-R7	ADM825 / ADM825ZYKSZ-R7

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	02-Feb-2024	06-May-2024	Initial Release.
Rev. A	20-May-2024	06-May-2024	Update reliability report (rev C).
Rev. B	19-Feb-2026	06-May-2024	Removed parts and update Qualification Report Summary.