



## Product/Process Change Notice - PCN 24\_0009 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 Alternative Wafer Fab for TSMC 0.18um Mixed Signal CMOS Process
<b>Publication Date:</b>	01-May-2024
<b>Effectivity Date:</b>	03-Aug-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Add Parts. Adding completed qualification report.

### Description Of Change:

Analog Device is adding Analog Devices Beaverton OR, USA (ADBN) as an alternate Wafer Fab site to TSMC Taiwan for 0.18um Mixed Signal CMOS Process.

### 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 form, fit, function or reliability.

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

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

### Summary of Supporting Information:

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

### Supporting Documents

**Attachment 1:** Type: Qualification Results Summary

[ADI\\_PCN\\_24\\_0009\\_Rev\\_A\\_Qualification\\_Results.pdf...](#)

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

[ADI\\_PCN\\_24\\_0009\\_Rev\\_A\\_PCNDeltaQualification-Matrix-ZVEI-5\\_0\\_16.xlsm...](#)

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:	Korea:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_Korea@analog.com	PCN_ROA@analog.com

## Appendix A - Affected ADI Models:

### Existing Parts - Product Family / Model Number (148)

AD9212 / AD9212ABCPZ-40	AD9212 / AD9212ABCPZ-65	AD9222 / AD80418BCPZ-65	AD9222 / AD9222ABCPZ-40	AD9222 / AD9222ABCPZ-50
AD9222 / AD9222ABCPZ-65	AD9222 / AD9222ABCPZRL7-50	AD9252 / AD9252ABCPZ-50	AD9252 / AD9252ABCPZRL7-50	AD9252 / AD9252ABCPZ-105
AD9253 / AD9253BCPZ-125	AD9253 / AD9253BCPZ-80	AD9253 / AD9253BCPZRL7-105	AD9253 / AD9253BCPZRL7-125	AD9253 / AD9253BCPZRL7-80
AD9255 / AD9255BCPZ-105	AD9255 / AD9255BCPZ-125	AD9255 / AD9255BCPZ-80	AD9255 / AD9255BCPZRL7-105	AD9255 / AD9255BCPZRL7-125
AD9255 / AD9255BCPZRL7-80	AD9257 / AD9257BCPZ-40	AD9257 / AD9257BCPZ-65	AD9257 / AD9257BCPZRL7-40	AD9257 / AD9257BCPZRL7-65
AD9265 / AD89025BCPZ	AD9265 / AD89025BCPZRL7	AD9265 / AD9265BCPZ-105	AD9265 / AD9265BCPZ-125	AD9265 / AD9265BCPZ-80
AD9265 / AD9265BCPZRL7-105	AD9265 / AD9265BCPZRL7-125	AD9265 / AD9265BCPZRL7-80	AD9608 / AD9608BCPZ-105	AD9608 / AD9608BCPZ-125
AD9608 / AD9608BCPZRL7-105	AD9608 / AD9608BCPZRL7-125	AD9609 / AD9609BCPZ-20	AD9609 / AD9609BCPZ-40	AD9609 / AD9609BCPZ-65
AD9609 / AD9609BCPZ-80	AD9609 / AD9609BCPZRL7-20	AD9609 / AD9609BCPZRL7-40	AD9609 / AD9609BCPZRL7-65	AD9609 / AD9609BCPZRL7-80
AD9628 / AD9628BCPZ-105	AD9628 / AD9628BCPZ-125	AD9628 / AD9628BCPZRL7-105	AD9628 / AD9628BCPZRL7-125	AD9628 / AD9628BCPZ-20
AD9629 / AD9629BCPZ-40	AD9629 / AD9629BCPZ-65	AD9629 / AD9629BCPZ-80	AD9629 / AD9629BCPZRL7-20	AD9629 / AD9629BCPZRL7-40
AD9629 / AD9629BCPZRL7-65	AD9629 / AD9629BCPZRL7-80	AD9633 / AD9633BCPZ-105	AD9633 / AD9633BCPZ-125	AD9633 / AD9633BCPZ-80
AD9633 / AD9633BCPZRL7-105	AD9633 / AD9633BCPZRL7-125	AD9633 / AD9633BCPZRL7-80	AD9635 / AD9635BCPZ-125	AD9635 / AD9635BCPZ-80
AD9635 / AD9635BCPZRL7-125	AD9635 / AD9635BCPZRL7-80	AD9637 / AD9637BCPZ-40	AD9637 / AD9637BCPZ-80	AD9637 / AD9637BCPZRL7-40
AD9637 / AD9637BCPZRL7-80	AD9645 / AD9645BCPZ-125	AD9645 / AD9645BCPZ-80	AD9645 / AD9645BCPZRL7-125	AD9645 / AD9645BCPZRL7-80
AD9648 / AD9648BCPZ-105	AD9648 / AD9648BCPZ-125	AD9648 / AD9648BCPZRL7-105	AD9648 / AD9648BCPZRL7-125	AD9649 / AD9649BCPZ-20
AD9649 / AD9649BCPZ-40	AD9649 / AD9649BCPZ-65	AD9649 / AD9649BCPZ-80	AD9649 / AD9649BCPZRL7-20	AD9649 / AD9649BCPZRL7-40
AD9649 / AD9649BCPZRL7-65	AD9649 / AD9649BCPZRL7-80	AD9704 / AD9704BCPZ	AD9704 / AD9704BCPZRL7	AD9705 / AD9705BCPZ
AD9705 / AD9705BCPZRL7	AD9706 / AD9706BCPZ	AD9706 / AD9706BCPZRL7	AD9707 / AD9707BCPZ	AD9707 / AD9707BCPZRL7
AD9714 / AD9714BCPZ	AD9714 / AD9714BCPZRL7	AD9715 / AD9715BCPZ	AD9715 / AD9715BCPZRL7	AD9716 / AD9716BCPZ
AD9716 / AD9716BCPZRL7	AD9717 / AD9717BCPZ	AD9717 / AD9717BCPZRL7	AD9911 / AD9911BCPZ	AD9911 / AD9911BCPZ-REEL7
AD9958 / AD9958BCPZ	AD9958 / AD9958BCPZ-REEL7	AD9959 / AD9959BCPZ	AD9959 / AD9959BCPZ-REEL7	ADA4355 / ADA4355ABCZ
ADAU1361 / ADAU1361BCPZ	ADAU1361 / ADAU1361BCPZ-RL	ADAU1361 / ADAU1361BCPZ-RL	ADAU1401 / AD71073YSTZ-RL	ADAU1401 / ADAU1401YSTZ
ADAU1401 / ADAU1401YSTZ-RL	ADAU1701 / ADAU1701JSTZ	ADAU1701 / ADAU1701JSTZ-RL	ADAU1702 / ADAU1702JSTZ	ADAU1702 / ADAU1702JSTZ-RL
ADAU1761 / ADAU1761BCPZ	ADAU1761 / ADAU1761BCPZ-RL	ADAU1761 / ADAU1761BCPZ-RL	ADCLK846 / ADCLK846BCPZ	ADCLK846 / ADCLK846BCPZ-REEL7
ADCLK854 / ADCLK854BCPZ	ADCLK854 / ADCLK854BCPZ-REEL7	ADE9000 / ADE9000ACPZ	ADE9000 / ADE9000ACPZ-RL	ADE9000A / ADE9000AACPZ
ADE9000A / ADE9000AACPZ-RL	ADE9039 / ADE9039ACPZ	ADE9039 / ADE9039ACPZ-RL	ADE9078 / ADE9078ACPZ	ADE9078 / ADE9078ACPZ-RL
ADE9153A / ADE9153AACPZ	ADE9153A / ADE9153AACPZ-RL	ADE9153B / ADE9153BACPZ	ADE9153B / ADE9153BACPZ-RL	ADE9430 / ADE9430ACPZ
ADE9430 / ADE9430ACPZ-RL	ADF7023 / AD571005Z-0RL	ADF7023 / ADF7023BCPZ	ADF7023 / ADF7023BCPZ-RL	ADF7023-J / ADF7023-JBCPZ
ADF7023-J / ADF7023-JBCPZ-RL	ADF7024 / ADF7024BCPZ	ADF7024 / ADF7024BCPZ-RL		

## Appendix A - Affected ADI Models:

### Added Parts On This Revision - Product Family / Model Number (38)

AD8283 / AD8283WBPCZ	AD8283 / AD8283WBPCZ-RL	ADA8282 / ADA8282WBPCZ	ADA8282 / ADA8282WBPCZ-R7	ADAR7251 / ADAR7251WBPCSZ
ADAR7251 / ADAR7251WBPCSZ-RL	ADDR9501 / ADDR9501BCPZ	ADDR9501 / ADDR9501BCPZRL	ADDR9501 / ADW15001YCPZ	ADDR9501 / ADW15001YCPZRL
ADV7180 / ADV7180BCP32Z	ADV7180 / ADV7180BCP32Z-RL	ADV7180 / ADV7180BCPZ	ADV7180 / ADV7180BCPZ-REEL	ADV7180 / ADV7180BST48Z
ADV7180 / ADV7180BST48Z-RL	ADV7180 / ADV7180BSTZ	ADV7180 / ADV7180BSTZ-REEL	ADV7180 / ADV7180KCP32Z	ADV7180 / ADV7180KCP32Z-RL
ADV7180 / ADV7180KST48Z	ADV7180 / ADV7180KST48Z-RL	ADV7180 / ADV7180WBPC32Z	ADV7180 / ADV7180WBPC32Z-RL	ADV7180 / ADV7180WBPCZ
ADV7180 / ADV7180WBPCZ-REEL	ADV7180 / ADV7180WBST48Z	ADV7180 / ADV7180WBST48Z-RL	ADV7180 / ADV7180WBSTZ	ADV7180 / ADV7180WBSTZ-REEL
ADV7180 / ADW10003-0REEL	ADV7180 / ADW10004-0REEL	ADV7180 / ADW10006Z-0	ADV7180 / ADW10007Z-0REEL	ADV7180 / ADW10008Z-0REEL
ADV7180 / ADW10013Z-0	ADV7180 / ADW10013Z-0RL	ADV7340 / ADV7340BSTZ		

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	01-Feb-2024	05-May-2024	Initial Release.
Rev. A	01-May-2024	03-Aug-2024	Add Parts. Adding completed qualification report.