



## Product/Process Change Notice - PCN 24\_0009 Rev. C

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 Alternative Wafer Fab for TSMC 0.18um Mixed Signal CMOS Process
<b>Publication Date:</b>	16-Dec-2024
<b>Effectivity Date:</b>	20-Mar-2025 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Remove parts. Add updated Qualification Results.

### 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: Delta Qualification Matrix

ADI\_PCN\_24\_0009\_Rev\_C\_PCN-Delta-Qualification-Matrix-ZVEI-5\_0\_16 Correction May2024.xlsm

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

ADI\_PCN\_24\_0009\_Rev\_C\_Qualification Results.pdf

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.

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Korea:</b>	<b>Rest of Asia:</b>
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 (168)

AD8283 / AD8283WBCPZ	AD8283 / AD8283WBCPZ-RL	AD8285 / AD8285WBCPZ	AD8285 / AD8285WBCPZ-RL	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	AD9253 / AD9253BCPZ-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	AD9629 / AD9629BCPZ-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-R7	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-R7	ADAU1761 / ADAU1761BCPZ-RL	ADCLK846 / ADCLK846BCPZ	ADCLK846 / ADCLK846BCPZ-REEL7	ADCLK854 / ADCLK854BCPZ
ADCLK854 / ADCLK854BCPZ-REEL7	ADDR9501 / ADDR9501BCPZ	ADDR9501 / ADDR9501BCPZRL	ADDR9501 / ADW15001YCFZ	ADDR9501 / ADW15001YCFZRL
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 / AD57/005Z-0RL
ADF7023 / ADF7023BCPZ	ADF7023 / ADF7023BCPZ-RL	ADF7023-J / ADF7023-JBCPZ	ADF7023-J / ADF7023-JBCPZ-RL	ADF7024 / ADF7024BCPZ
ADF7024 / ADF7024BCPZ-RL	ADV7180 / ADV7180WBCPZ	ADV7180 / ADV7180WBCPZ-REEL	ADV7343 / ADV7343WBSTZ	ADV7343 / ADV7343WBSTZ-RL
ADV7390 / ADV7390WBCPZ	ADV7390 / ADV7390WBCPZ-RL	ADV7391 / ADV7391WBCPZ	ADV7391 / ADV7391WBCPZ-RL	ADV7392 / ADV7392WBCPZ
ADV7392 / ADV7392WBCPZ-REEL	ADV7393 / ADV7393WBCPZ	ADV7393 / ADV7393WBCPZ-REEL		

## Appendix A - Affected ADI Models:::

### Removed Parts On All Revisions - Product Family / Model Number (30)

ADA8282 / ADA8282WBCPZ	ADA8282 / ADA8282WBCPZ-R7	ADAR7251 / ADAR7251WBSCZ	ADAR7251 / ADAR7251WBSCZ-RL	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 / ADV7180WBCP32Z	ADV7180 / ADV7180WBCP32Z-RL	ADV7180 / ADV7180WBST48Z	ADV7180 / ADV7180WBST48Z-RL
ADV7180 / ADV7180WBSTZ	ADV7180 / ADV7180WBSTZ-REEL	ADV7180 / ADW10003-OREEL	ADV7180 / ADW10004-OREEL	ADV7180 / ADW10006Z-0
ADV7180 / ADW10007Z-OREEL	ADV7180 / ADW10008Z-OREEL	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.
Rev. B	13-May-2024	15-Aug-2024	Correction to Delta Qualification Matrix. Add parts. Remove parts.
Rev. C	16-Dec-2024	20-Mar-2025	Remove parts. Add updated Qualification Results.