



Product/Process Change Notice - PCN 24_0009 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. **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.

PCN Title:	Qualification of Alternative Wafer Fab for TSMC 0.18um Mixed Signal CMOS Process
Publication Date:	13-May-2024
Effectivity Date:	15-Aug-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Correction to Delta Qualification Matrix. Add parts. Remove parts.

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_B_Qualification_Results.pdf...](#)

Attachment 2: Type: Delta Qualification Matrix

[ADI_PCN_24_0009_Rev_B_PCN-Delta-Qualification-Matrix-ZVEI-5_0_16_Corre...](#)

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 (160)

AD8283 / AD8283WBCPZ	AD8283 / AD8283WBCPZ-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	ADA8282 / ADA8282WBCPZ	ADA8282 / ADA8282WBCPZ-R7	ADAR7251 / ADAR7251WBCSZ
ADAR7251 / ADAR7251WBCSZ-RL	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 / ADDR9501BCPZ-RL
ADDR9501 / ADW15001YCPZ	ADDR9501 / ADW15001YCPZ-RL	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 / AD57005Z-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

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (12)

AD8285 / AD8285WBCPZ	AD8285 / AD8285WBCPZ-RL	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 (26)

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 / ADW10003-0REEL	ADV7180 / ADW10004-0REEL
ADV7180 / ADW10006Z-0	ADV7180 / ADW10007Z-0REEL	ADV7180 / ADW10008Z-0REEL	ADV7180 / ADW10013Z-0	ADV7180 / ADW10013Z-0RL
ADV7340 / ADV7340BSTZ				

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
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.