



Product/Process Change Notice - PCN 16_0107 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

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.

PCN Title: AD9680-500/820/1000/1250 Die Revision and Data Sheet Change
Publication Date: 09-Dec-2016
Effectivity Date: 09-Mar-2017 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Minor metal changes were made.
Lowered PORB Voltage Threshold typical by 70mV.

Data Sheet has changed as follows:
Extend absolute maximum thermal junction temperature (Tj)
From 115C
To 125C

Reason For Change

Improved Manufacturability
Enhanced Digital Test coverage by fixing "At-Speed" Scan.
The Extended Temperature Range Eases Customer's System Level Thermal Requirements.

Impact of the change (positive or negative) on fit, form, function & reliability

No change to fit, form, function or reliability.

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

Revision number (R5) available through SPI read back in Customer Register Block.

Summary of Supporting Information

No qualification required due to minor nature of changes.
Changes will be reflected new revision of the appropriate Data Sheets for each generic/model.

Supporting Documents None

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas: PCN_Americas@analog.com

Europe: PCN_Europe@analog.com

Japan:

PCN_Japan@analog.com

Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (10)

AD9680 / AD80349BCPZ	AD9680 / AD80349BCPZRL7	AD9680 / AD9680BCPZ-1000	AD9680 / AD9680BCPZ-1250	AD9680 / AD9680BCPZ-500
AD9680 / AD9680BCPZ-820	AD9680 / AD9680BCPZRL7-1000	AD9680 / AD9680BCPZRL7-1250	AD9680 / AD9680BCPZRL7-500	AD9680 / AD9680BCPZRL7-820

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	09-Dec-2016	09-Mar-2017	Initial Release

Analog Devices, Inc.

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