



Product/Process Change Notice - PCN 15_0183 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: AD9965 Die Revision
Publication Date: 30-Oct-2015
Effectivity Date: 28-Jan-2016 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

A re-timing circuit was added to the clock data recovery (CDR) circuit.

Reason For Change

The CDR had two phase states that were sensitive to elevated temperatures, and rarely could incur a phase jump at start-up, causing a high-speed input/output (HSIO) error. The change corrects this sensitivity.

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

No impact on fit, form, or reliability. The CDR functionality is improved.

Summary of Supporting Information

Qualification will be performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan.

Supporting Documents

Attachment 1: Type: Qualification Plan

ADI_PCN_15_0183_Rev_-_AD9965_Qual Plan.doc

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

Rest of Asia: PCN_ROA@analog.com

Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (2)

AD9965 / AD9965BCPZ

AD9965 / AD9965BCPZRL

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	30-Oct-2015	28-Jan-2016	Initial Release

Analog Devices, Inc.

DocId:3406 Parent DocId:None Layout Rev:7

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [RF Transceiver category](#):

Click to view products by [Analog Devices manufacturer](#):

Other Similar products are found below :

[MRF89XAM9AT-I/RM](#) [AX5051-1-TW30](#) [BGT24LTR22E6327XTSA1](#) [SI4461-C2A-GMR](#) [CC1260RGZT](#) [NRF51822-CEAA-R \(E0\)](#)
[BGT24LTR11N16E6327XTSA1](#) [RFM95W-915S2](#) [725TRX8-1K](#) [725TRX8-16K](#) [AMB2561](#) [SI4455-C2A-GMR](#) [S2-LPQTR](#) [AT86RF232-ZX](#)
[SI4463-C2A-GMR](#) [SI4463-B1B-ZM0R](#) [MAX7037EGL+](#) [CC8530RHAR](#) [CC1201RHBR](#) [TC35675XBG-001\(EL\)](#) [SX1281IMLTRT](#) [Si4055-](#)
[C2A-GM](#) [A7108](#) [ADF7021-NBCPZ](#) [AT86RF231-ZF](#) [AT86RF231-ZU](#) [AT86RF232-ZXR](#) [AT86RF233-ZU](#) [BRAVO-T868](#) [CC2564BYFVR](#)
[CYRF8935A-24LQXC](#) [CYWUSB6934-48LTXC](#) [CMT2119A-ESR](#) [CMT2110A-ESR](#) [F113](#) [PT4455](#) [Si24R2](#) [HT9170D](#) [CMT2210LC-ESR2](#)
[BGT 24MTR11 E6327](#) [BGT24MTR11E6327XUMA1](#) [BGT24MTR12E6327XUMA1](#) [88E1111-B2-RCJ1C000](#) [SX1212IWLTRT](#)
[SX1211I084TRT](#) [AT86RF212B-ZU](#) [AT86RF212B-ZUR](#) [AT86RF231-ZUR](#) [ATA5429-PLSW](#) [NRF24LE1-O17Q32-R](#)