



Product/Process Change Notice - PCN 14_0116 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 Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

PCN Title: ADATE209 Bumping Site Transfer and Wafer Bumping Material Changes

Publication Date: 07-May-2014

Effectivity Date: 01-Jul-2014 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

The changes for ADATE209 are as follows:

Bumping Site

From: STATSchipPAC, Singapore (SCS); To: Chipbond, Taiwan

Bump Process

From: Screen Printing; To: Electroplated

Bumping Composition

From: Sn63Pb37; To: Sn97.5/Ag2.5

Underfill

From: Namics U8439-1; To: Namics U8410-73C

Under Bump Material

From: Ti/NiV/Cu; To: Ni-Cu

Reason For Change

ADI Subcontractor SCS is no longer capable of manufacturing the wafer bumping process for 6 inch wafers.

ADI's assembly subcontractors manufacture our products using Analog Devices specified manufacturing flows, materials, process controls and monitors. This assures that our customers receive the same level of quality and reliability on products they receive from different manufacturing locations.

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

This change will not affect fit, form, function & reliability.

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

The Lot ID and date code marked on the device provides traceability to the assembly location.

Summary of Supporting Information

Qualification is being performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan Summary.

Supporting Documents

Attachment 1: Type: Qualification Plan Summary

ADI_PCN_14_0116_Rev_-_Qual Plan.docx

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

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 (1)

ADATE209 / ADATE209BBCZ				
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Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	07-May-2014	01-Jul-2014	Initial Release

Analog Devices, Inc.

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