



Product/Process Change Notice - PCN 13_0303 Rev. A

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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

PCN Title: Assembly Transfer to Amkor Philippines and Test Transfer to STATS ChipPAC China of Select 5x5 LFCSP Products

Publication Date: 05-Jun-2014

Effectivity Date: 05-Jun-2014 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Update to include completed Test Correlation Reports
Modified the Title only of the Qualification Results Summary for clarification.

Description Of Change

ADI is transferring to qualified subcontractor Amkor Philippines for assembly and to subcontractor STATS ChipPAC China for test of select 5x5 LFCSP products.

The die attach is changing from Ablestik 3230 to Ablestik 8290. The mold compound is changing from Sumitomo G770 to Sumitomo G700. The package outline dimensions and wire diameter of each product will be maintained. See BOM attachment for details.

Reason For Change

ADI is transferring due to the closure of STATS ChipPAC Malaysia at the end of 2014.

ADI's assembly subcontractors manufacture products using Analog Devices specified manufacturing flows, materials, process controls and monitors, ensuring the same level of quality and reliability on products they receive from the new site.

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

The Transfer will have no impact on the form, fit, function and reliability of the devices.

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

The parts that will be assembled after the transfer will be identified by assembly lot and the country of origin.

Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits.
Test correlation and validation has been performed per ADI's standard site to site product transfer correlation procedure. See attached qualification report.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

Attachment 2: Type: Test Correlation Report

ADI_PCN_13_0303_Rev_A_Test Correlation Report ADV7180.pdf

Attachment 3: Type: Detailed Change Description

ADI_PCN_13_0303_Rev_A_BOM.xlsx

Attachment 4: Type: Test Correlation Report

ADI_PCN_13_0303_Rev_A_Test Correlation Report ADV7182.pdf

Attachment 5: Type: Test Correlation Report

ADI_PCN_13_0303_Rev_A_Test Correlation Report ADV7280.pdf

Attachment 6: Type: Test Correlation Report

ADI_PCN_13_0303_Rev_A_Test Correlation Report ADV7281.pdf

Attachment 7: Type: Test Correlation Report

ADI_PCN_13_0303_Rev_A_Test Correlation Report ADV7282.pdf

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**Existing Parts - Product Family / Model Number (30)**

ADV7180 / AD55/055Z-0	ADV7180 / AD55/055Z-0RL	ADV7180 / ADV7180BCP3Z	ADV7180 / ADV7180BCP3Z-RL	ADV7180 / ADV7180KCP3Z
ADV7180 / ADV7180KCP3Z-RL	ADV7182 / ADV7182WBCPZ	ADV7182 / ADV7182WBCPZ-RL	ADV7280 / ADV7280BCPZ	ADV7280 / ADV7280BCPZ-M
ADV7280 / ADV7280BCPZ-M-RL	ADV7280 / ADV7280BCPZ-RL	ADV7280 / ADV7280KCPZ	ADV7280 / ADV7280KCPZ-M	ADV7280 / ADV7280KCPZ-M-RL
ADV7280 / ADV7280KCPZ-RL	ADV7280 / ADV7280WBCPZ	ADV7280 / ADV7280WBCPZ-M	ADV7280 / ADV7280WBCPZ-M-RL	ADV7280 / ADV7280WBCPZ-RL
ADV7281 / ADV7281WBCPZ	ADV7281 / ADV7281WBCPZ-M	ADV7281 / ADV7281WBCPZ-M-RL	ADV7281 / ADV7281WBCPZ-MA	ADV7281 / ADV7281WBCPZ-MA-RL
ADV7281 / ADV7281WBCPZ-RL	ADV7282 / ADV7282WBCPZ	ADV7282 / ADV7282WBCPZ-M	ADV7282 / ADV7282WBCPZ-M-RL	ADV7282 / ADV7282WBCPZ-RL

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	25-Nov-2013	23-Feb-2014	Initial Release
Rev. A	05-Jun-2014	05-Jun-2014	Update to include completed Test Correlation Reports Modified the Title only of the Qualification Results Summary for clarification.

Analog Devices, Inc.

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