



## Product/Process Change Notice - PCN 14\_0247 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 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:** Assembly Transfer of Selected 12x12 TQFP\_EP Pre-Plated Frame (PPF) Products to Amkor Philippines

**Publication Date:** 23-Dec-2015

**Effectivity Date:** 23-Dec-2015 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Providing Qualification Results Summary of 12x12 TQFP\_EP Using G631HQ CRM1076YB at AP.

### Description Of Change

ADI is transferring to qualified subcontractor Amkor Philippines for the assembly of 12x12 TQFP\_EP Pre-Plated Frame (PPF) products. ADI will be qualifying Amkor's standard bill of materials (BOM). The die attach epoxy will change from 8361J to CRM1076YB, and the mold compound material will change from GE7470LQ to Sumitomo G631HQ. The package outline dimensions and wire sizes of each product will be maintained.

### Reason For Change

ADI is transferring to Amkor Philippines due to the closure of the Amkor Korea factory in October of 2015.

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.

### 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 BOM change will be identified by assembly lot number and the country of origin.

### 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 Results Summary

ADI\_PCN\_14\_0247\_Rev\_A\_Qualification Results Summary12x12 TQFP\_EP at AP.docx

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**Attachment 2: Type:** Detailed Parts List

ADI\_PCN\_14\_0247\_Rev\_A\_TQFP\_EP\_PPF\_PART\_LIST\_REV\_A.xlsx

**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](mailto:PCN_Americas@analog.com)

**Europe:** [PCN\\_Europe@analog.com](mailto:PCN_Europe@analog.com)

**Japan:** [PCN\\_Japan@analog.com](mailto:PCN_Japan@analog.com)

**Rest of Asia:** [PCN\\_ROA@analog.com](mailto:PCN_ROA@analog.com)

**Appendix A - Affected ADI Models**

**Existing Parts - Product Family / Model Number (3)**

AD9650 / AD80350USVZ-105EP

AD9650 / AD9650USVZ-105EP

AD9650 / AD9650USVZR7-105EP

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	20-Apr-2015	01-Nov-2015	Initial Release
Rev. A	23-Dec-2015	23-Dec-2015	Providing Qualification Results Summary of 12x12 TQFP_EP Using G631HQ CRM1076YB at AP.

Analog Devices, Inc.

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