



## Product/Process Change Notice - PCN 13\_0224 Rev. B

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 of Select 2x3 and 3x3mm LFCSP Products to STATS ChipPAC China.

**Publication Date:** 28-Apr-2014

**Effectivity Date:** 27-Jul-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Add 3x3 mm LFCSP parts.  
Include Qualification Report

### Description Of Change

ADI is transferring to subcontractor STATS ChipPAC China for the assembly manufacturing of ADI products in 2x3 and 3x3mm LFCSP packages. The package outline dimensions and BOM of each product will be maintained.

### Reason For Change

ADI is transferring to STATS ChipPAC China 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 ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

### Supporting Documents

**Attachment 1: Type:** Qualification Report Summary

ADI\_PCN\_13\_0224\_Rev\_B\_Reliability Qualification Result Apr2014.pdf

**Attachment 2: Type:** Detailed Change Description

ADI\_PCN\_13\_0224\_Rev\_B\_BOM.pptx

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

**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 (33)**

AD8218 / AD8218BCPZ-RL	AD8475 / AD8475ACPZ-R7	AD8475 / AD8475ACPZ-RL	AD8476 / AD8476ACPZ-R7	AD8476 / AD8476ACPZ-RL
AD8476 / AD8476BCPZ-R7	AD8476 / AD8476BCPZ-RL	ADA4841-2 / ADA4841-2YCPZ-R2	ADA4841-2 / ADA4841-2YCPZ-R7	ADA4841-2 / ADA4841-2YCPZ-RL
ADA4896-2 / ADA4896-2ACPZ-R2	ADA4896-2 / ADA4896-2ACPZ-R7	ADA4896-2 / ADA4896-2ACPZ-RL	ADF5000 / ADF5000BCPZ	ADF5000 / ADF5000BCPZ-RL7
ADF5001 / ADF5001BCPZ	ADF5001 / ADF5001BCPZ-RL7	ADF5002 / ADF5002BCPZ	ADF5002 / ADF5002BCPZ-RL7	ADL5303 / ADL5303ACPZ-R2
ADL5303 / ADL5303ACPZ-R7	ADL5303 / ADL5303ACPZ-RL	ADL5511 / ADL5511ACPZ-R7	ADL5565 / ADL5565ACPZ-R7	ADN2525 / ADN2525ACPZ-500R7
ADN2525 / ADN2525ACPZ-R2	ADN2525 / ADN2525ACPZ-REEL7	ADV3219 / ADV3219ACPZ	ADV3219 / ADV3219ACPZ-R7	ADV3219 / ADV3219ACPZ-RL
ADV3220 / ADV3220ACPZ	ADV3220 / ADV3220ACPZ-R7	ADV3220 / ADV3220ACPZ-RL		

**Added Parts On This Revision - Product Family / Model Number (13)**

ADM8845 / ADM8845ACPZ-REEL	ADM8845 / ADM8845ACPZ-REEL7	ADN2526 / ADN2526ACPZ	ADN2526 / ADN2526ACPZ-R2	ADN2526 / ADN2526ACPZ-R7
ADN2530 / ADN2530YCPZ-500R7	ADN2530 / ADN2530YCPZ-R2	ADN2530 / ADN2530YCPZ-REEL7	ADN2531 / ADN2531ACPZ	ADN2531 / ADN2531ACPZ-R2
ADN2531 / ADN2531ACPZ-R7	ADN2890 / ADN2890ACPZ-RL	ADN2890 / ADN2890ACPZ-RL7		

**Removed Parts On All Revisions - Product Family / Model Number (4)**

AD590 / AD590JCPZ-R5	AD590 / AD590JCPZ-RL7	AD7091R / AD7091RBCPZ-RL	AD7091R / AD7091RBCPZ-RL7	
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**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	17-Oct-2013	18-May-2014	Initial Release
Rev. A	07-Nov-2013	18-May-2014	Remove " test" under the Description of Change. Remove FG models that are not applicable to this PCN. Revise qualification plan to correct sample sizes.
Rev. B	28-Apr-2014	27-Jul-2014	Add 3x3 mm LFCSP parts. Include Qualification Report

Analog Devices, Inc.

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