



## Product/Process Change Notice - PCN 13\_0232 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 and Test Transfer of Select 6x6 and 7x7mm LFCSP Products to STATS ChipPAC China

**Publication Date:** 12-Nov-2013

**Effectivity Date:** 18-May-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Remove FG models not applicable to this PCN.  
Revise qualification plan to correct sample sizes

### Description Of Change

ADI is transferring to subcontractor STATS ChipPAC China for the assembly and test manufacturing of ADI 6x6 and 7x7mm LFCSP products. 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 will be performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan Summary. Test correlation and validation will also be performed.

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### Supporting Documents

**Attachment 1:** Type: Qualification Plan Summary

ADI\_PCN\_13\_0232\_Rev\_A\_Reliability Qualification Plan.pdf

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**Attachment 2:** Type: Test Correlation Plan

**Attachment 3: Type:** Detailed Change Description

ADI\_PCN\_13\_0232\_Rev\_A\_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 (56)**

AD7175-8 / AD70005Z-ORL	AD7292 / AD7292BCPZ	AD7292 / AD7292BCPZ-RL	AD8122 / AD8122ACPZ	AD8122 / AD8122ACPZ-R7
ADAU1772 / AD71096BCPZ	ADAU1772 / AD71096BCPZ-R7	ADAU1772 / AD71096BCPZ-RL	ADAU1772 / ADAU1772BCPZ	ADAU1772 / ADAU1772BCPZ-R7
ADAU1772 / ADAU1772BCPZ-RL	ADDI7018 / ADDI7018BCPZ	ADDI7018 / ADDI7018BCPZRL	ADE7816 / ADE7816ACPZ	ADE7816 / ADE7816ACPZ-RL
ADE7878 / AD71129ACPZ	ADE7878 / AD71129ACPZ-RL	ADE7880 / AD71151ACPZ	ADE7880 / AD71151ACPZ-RL	ADE7880 / AD71152ACPZ
ADE7880 / AD71152ACPZ-RL	ADE7880 / ADE7880ACPZ	ADE7880 / ADE7880ACPZ-RL	ADE8157 / ADE8157ACPZ-01	ADE8157 / ADE8157ACPZ-02
ADE8157 / ADE8157ACPZRL-01	ADE8157 / ADE8157ACPZRL-02	ADE8157 / ADE8157XCPZ-02	ADE8167 / ADE8167ACPZ-01	ADE8167 / ADE8167ACPZ-02
ADE8167 / ADE8167ACPZRL-01	ADE8167 / ADE8167ACPZRL-02	ADF7020 / ADF7020BCPZ	ADF7020 / ADF7020BCPZ-RL	ADM1166 / ADM1166ACPZ
ADM1166 / ADM1166ACPZ-REEL	ADM1169 / ADM1169ACPZ	ADM1169 / ADM1169ACPZ-RL7	ADP1053 / ADP1053ACPZ-R7	ADP1053 / ADP1053ACPZ-RL
ADP5050 / ADP5050ACPZ-R7	ADP5052 / ADP5052ACPZ-R7	ADUC7020 / ADUC7020BCPZ62I	ADUC7020 / ADUC7020BCPZ62I-RL	ADUC7020 / ADUC7020BCPZ62I RL7
ADUCM324 / ADUCM324BCPZ128	ADUCM324 / ADUCM324BCPZ128-R7	ADUCM324 / ADUCM324BCPZ256	ADUCM324 / ADUCM324BCPZ256-R7	ADUCM360 / ADUCM360BCPZ128
ADUCM360 / ADUCM360BCPZ128-R7	ADUCM361 / ADUCM361BCPZ128	ADUCM361 / ADUCM361BCPZ128-R7	SSM3302 / SSM3302ACPZ	SSM3302 / SSM3302ACPZ-R7
SSM3302 / SSM3302ACPZ-RL				

**Removed Parts On All Revisions - Product Family / Model Number (30)**

AD7173-8 / AD7173-8BCPZ	AD7173-8 / AD7173-8BCPZ-RL	AD7175-8 / AD7175-8BCPZ	AD7175-8 / AD7175-8BCPZ-RL	ADE7854 / ADE7854ACPZ
ADE7854 / ADE7854ACPZ-RL	ADE7854A / ADE7854AACPZ	ADE7854A / ADE7854AACPZ-RL	ADE7858 / ADE7858ACPZ	ADE7858 / ADE7858ACPZ-RL
ADE7858A / ADE7858AACPZ	ADE7858A / ADE7858AACPZ-RL	ADE7868 / ADE7868ACPZ	ADE7868 / ADE7868ACPZ-RL	ADE7868A / ADE7868AACPZ
ADE7868A / ADE7868AACPZ-RL	ADE7878 / ADE7878ACPZ	ADE7878 / ADE7878ACPZ-RL	ADE7878A / ADE7878AACPZ	ADE7878A / ADE7878AACPZ-RL
ADP5051 / ADP5051ACPZ-R7	ADP5053 / ADP5053ACPZ-R7	ADUCM301 / ADUCM301BCPZ128	ADUCM301 / ADUCM301BCPZ128-R7	ADUCM301 / ADUCM301BCPZ64
ADUCM301 / ADUCM301BCPZ64-RL7	ADUCM301 / ADUCM301CCPZ128	ADUCM301 / ADUCM301CCPZ128-R7	ADUCM301 / ADUCM301CCPZ64	ADUCM301 / ADUCM301CCPZ64-RL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	23-Oct-2013	18-May-2014	Initial Release
Rev. A	12-Nov-2013	18-May-2014	Remove FG models not applicable to this PCN. Revise qualification plan to correct sample sizes

Analog Devices, Inc.

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