



## Product/Process Change Notice - PCN 13\_0244 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 and Test Transfer of Select 2x2 and 1.6x1.6 mm Mini-LFCSP Products to STATS ChipPAC China

**Publication Date:** 30-Jun-2014

**Effectivity Date:** 07-Jul-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Add parts and Test Correlation Report status

### Description Of Change

ADI is transferring to subcontractor STATS ChipPAC China for the assembly and test manufacturing of select 2x2 and 1.6x1.6 mm Mini-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 has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

Test correlation and validation is in process. Please see the attached list for the Test Correlation summary.

### Supporting Documents

**Attachment 1:** Type: Qualification Results Summary

ADI\_PCN\_13\_0244\_Rev\_B\_Qualification Results Summary.pdf

**Attachment 2:** Type: Test Correlation Report

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

ADI\_PCN\_13\_0244\_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 (106)**

AD5110 / AD5110BCPZ10-1-RL7	AD5110 / AD5110BCPZ10-500R7	AD5110 / AD5110BCPZ10-RL7	AD5110 / AD5110BCPZ80-1-RL7	AD5110 / AD5110BCPZ80-500R7
AD5110 / AD5110BCPZ80-RL7	AD5111 / AD5111BCPZ10-500R7	AD5111 / AD5111BCPZ10-RL7	AD5111 / AD5111BCPZ80-500R7	AD5111 / AD5111BCPZ80-RL7
AD5112 / AD5112BCPZ10-1-RL7	AD5112 / AD5112BCPZ10-500R7	AD5112 / AD5112BCPZ10-RL7	AD5112 / AD5112BCPZ5-1-RL7	AD5112 / AD5112BCPZ5-500R7
AD5112 / AD5112BCPZ5-RL7	AD5112 / AD5112BCPZ80-1-RL7	AD5112 / AD5112BCPZ80-500R7	AD5112 / AD5112BCPZ80-RL7	AD5113 / AD5113BCPZ10-500R7
AD5113 / AD5113BCPZ10-RL7	AD5113 / AD5113BCPZ5-500R7	AD5113 / AD5113BCPZ5-RL7	AD5113 / AD5113BCPZ80-500R7	AD5113 / AD5113BCPZ80-RL7
AD5114 / AD5114BCPZ10-1-RL7	AD5114 / AD5114BCPZ10-500R7	AD5114 / AD5114BCPZ10-RL7	AD5114 / AD5114BCPZ80-1-RL7	AD5114 / AD5114BCPZ80-500R7
AD5114 / AD5114BCPZ80-RL7	AD5115 / AD5115BCPZ10-500R7	AD5115 / AD5115BCPZ10-RL7	AD5115 / AD5115BCPZ80-500R7	AD5115 / AD5115BCPZ80-RL7
AD5116 / AD5116BCPZ10-500R7	AD5116 / AD5116BCPZ10-RL7	AD5116 / AD5116BCPZ5-500R7	AD5116 / AD5116BCPZ5-RL7	AD5116 / AD5116BCPZ80-500R7
AD5116 / AD5116BCPZ80-RL7	AD5691R / AD5691RACPZ-1RL7	AD5691R / AD5691RBCPZ-RL7	AD5692R / AD5692RACPZ-RL7	AD5693 / AD5693BCPZ-RL7
AD5693R / AD5693RACPZ-1-U1	AD5693R / AD5693RACPZ-2-U1	AD5693R / AD5693RACPZ-RL7	AD7091 / AD7091BCPZ-RL	AD7091 / AD7091BCPZ-RL7
ADA4096-2 / ADA4096-2ACPZ-R7	ADA4096-2 / ADA4096-2ACPZ-RL	ADA4800 / ADA4800ACPZ-R7	ADA4800 / ADA4800ACPZ-RL	ADM7160 / ADM7160ACPZN1.8-R2
ADM7160 / ADM7160ACPZN1.8-R7	ADM7160 / ADM7160ACPZN2.5-R2	ADM7160 / ADM7160ACPZN2.5-R7	ADM7160 / ADM7160ACPZN3.3-R2	ADM7160 / ADM7160ACPZN3.3-R7
ADP122 / ADP122ACPZ-1.8-R7	ADP122 / ADP122ACPZ-2.0-R7	ADP122 / ADP122ACPZ-2.5-R7	ADP122 / ADP122ACPZ-2.6-R7	ADP122 / ADP122ACPZ-2.8-R7
ADP122 / ADP122ACPZ-3.0-R7	ADP122 / ADP122ACPZ-3.3-R7	ADP123 / ADP123ACPZ-R7	ADP124 / ADP124ACPZ-1.8-R7	ADP124 / ADP124ACPZ-2.8-R7
ADP124 / ADP124ACPZ-2.9-R7	ADP124 / ADP124ACPZ-3.0-R7	ADP124 / ADP124ACPZ-3.3-R7	ADP125 / ADP125ACPZ-R7	ADP151 / ADP151ACPZ-1.2-R7
ADP151 / ADP151ACPZ-1.5-R7	ADP151 / ADP151ACPZ-1.8-R7	ADP151 / ADP151ACPZ-2.5-R7	ADP151 / ADP151ACPZ-2.7-R7	ADP151 / ADP151ACPZ-2.8-R7
ADP151 / ADP151ACPZ-3.0-R7	ADP151 / ADP151ACPZ-3.3-R7	ADP1607 / ADP1607ACPZN-R7	ADP1607 / ADP1607ACPZN001-R7	ADP195 / ADP195ACPZ-R7
ADP196 / ADP196ACPZN-01-R7	ADP196 / ADP196ACPZN-R7	ADP198 / ADP198ACPZ-R7	ADP222 / ADP222ACPZ-1218-R7	ADP222 / ADP222ACPZ-1228-R7
ADP222 / ADP222ACPZ-1233-R7	ADP222 / ADP222ACPZ-1528-R7	ADP222 / ADP222ACPZ-1533-R7	ADP222 / ADP222ACPZ-1815-R7	ADP222 / ADP222ACPZ-1825-R7
ADP222 / ADP222ACPZ-1827-R7	ADP222 / ADP222ACPZ-1833-R7	ADP222 / ADP222ACPZ-2725-R7	ADP222 / ADP222ACPZ-2818-R7	ADP222 / ADP222ACPZ-2827-R7
ADP222 / ADP222ACPZ-3325-R7	ADP222 / ADP222ACPZ-3328-R7	ADP222 / ADP222ACPZ-3330-R7	ADP223 / ADP223ACPZ-R7	ADP224 / ADP224ACPZ-2818-R7
ADP225 / ADP225ACPZ-R7				

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

AD5681R / AD5681RBCPZ-1RL	AD5681R / AD5681RBCPZ-1RL7	AD5681R / AD5681RBCPZ-RL	AD5681R / AD5681RBCPZ-RL7	AD5682R / AD5682RBCPZ-RL
AD5682R / AD5682RBCPZ-RL7	AD5683 / AD5683BCPZ-RL7	AD5683R / AD5683RACPZ-1RL7	AD5683R / AD5683RACPZ-2RL7	AD5683R / AD5683RACPZ-RL7
AD5693R / AD5693RACPZ-1RL7	AD5693R / AD5693RACPZ-2RL7	AD5693R / AD5693RBCPZ-2RL7		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	13-Nov-2013	18-May-2014	Initial Release
Rev. A	13-May-2014	18-May-2014	Add parts Update to include completed Qualification Report and partially complete Test Correlation Report Summary
Rev. B	30-Jun-2014	07-Jul-2014	Add parts and Test Correlation Report status

Analog Devices, Inc.

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