



## Product/Process Change Notice - PCN 13\_0233 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 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.  
Add FG models applicable to this PCN.

### Description Of Change

ADI is transferring to subcontractor STATS ChipPAC China for the assembly 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.

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### Supporting Documents

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

ADI\_PCN\_13\_0233\_Rev\_A\_Reliability Qualification Plan.pdf

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

**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 (32)**

AD7166 / AD7166ACPZ-RL	AD7166 / AD7166ACPZ-RL7	AD80225 / AD80225ABCPZ	AD80225 / AD80225ABCPZRL	AD80225 / AD80225BCPZ
AD80225 / AD80225BCPZRL	AD9146 / AD9146BCPZ	AD9146 / AD9146BCPZRL	AD9525 / AD9525BCPZ	AD9525 / AD9525BCPZ-REEL7
AD9577 / AD9577BCPZ	AD9577 / AD9577BCPZ-R7	AD9577 / AD9577BCPZ-RL	ADD8767 / ADD8767ACPZ-RL	ADE7858A / ADE7858AXCPZ
ADF7020-1 / AD57/006Z-0	ADF7020-1 / AD57/006Z-0RL	ADF7021 / AD45208Z-RL	ADF7021 / ADF7021BCPZ	ADF7021 / ADF7021BCPZ-RL
ADF7021 / ADF7021BCPZ-RL7	ADL5202 / ADL5202ACPZ-R7	ADL5812 / ADL5812ACPZ-R7	ADRF6720 / ADRF6720ACPZ-R7	ADUC7020 / ADUC7020BCPZ62
ADUC7020 / ADUC7020BCPZ62-RL7	ADUC7020 / ADUC7020SRTZ	ADUC7023 / ADUC7023BCP6Z62I	ADUC7023 / ADUC7023BCP6Z62IR7	ADUC7023 / ADUC7023BCP6Z62IRL
ADUC7060 / ADUC7060BCPZ32	ADUC7060 / ADUC7060BCPZ32-RL			

**Added Parts On This Revision - Product Family / Model Number (6)**

AD9633 / AD9633BCPZ-105	AD9633 / AD9633BCPZ-125	AD9633 / AD9633BCPZ-80	AD9633 / AD9633BCPZRL7-105	AD9633 / AD9633BCPZRL7-125
AD9633 / AD9633BCPZRL7-80				

**Removed Parts On All Revisions - Product Family / Model Number (10)**

AD7178-1 / AD7178-1BCPZ	AD7178-1 / AD7178-1BCPZ-RL	AD9574 / AD9574BCPZ	AD9574 / AD9574BCPZ-REEL7	AD9578 / AD9578BCPZ
AD9578 / AD9578BCPZ-REEL7	ADRF6790 / ADRF6790ACPZ-R7	ADRF6791 / ADRF6791ACPZ-R7	ADRF6792 / ADRF6792ACPZ-R7	ADRF6820 / ADRF6820ACPZ-R7

**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. Add FG models applicable to this PCN.

Analog Devices, Inc.

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