



## Product/Process Change Notice - PCN 16\_0035 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 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 Relocation of Select LFCSP, Mini-LFCSP and LFCSP Side Solderable Products to STATS ChipPAC China Jiangyin

**Publication Date:** 01-Aug-2016

**Effectivity Date:** 15-May-2016 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Added Qualification Results Summary of Automotive LFCSP\_SS (Side Solderable).

### Description Of Change

The assembly of select LFCSP, Mini LFCSP and Side Solderable LFCSP products are relocating from STATS ChipPAC China Shanghai to STATS ChipPAC China Jiangyin. The package outline dimensions and BOM of each product will be maintained.

### Reason For Change

STATS ChipPAC Shanghai China Assembly Plant is relocating to Stats ChipPAC Jiangyin China at the end of September 2017.

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 received 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 products that will be assembled after the transfer will be identified by assembly lot and the country of origin.

### Summary of Supporting Information

Qualifications have been completed per AEC-Q100, Stress Test Qualification for Integrated Circuits, see attached results.

### Comments

During transition from the current Site to New Assembly site, products could be assembled from the current assembly or the new assembly site once qualified.

### Supporting Documents

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

ADI\_PCN\_16\_0035\_Rev\_B\_Qual Results Summary for LFCSP Commercial.pdf

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**Attachment 2: Type:** Qualification Results Summary

ADI\_PCN\_16\_0035\_Rev\_B\_Qual Results Summary for Mini-LFCSP Commercial.pdf

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**Attachment 3: Type:** Qualification Results Summary

ADI\_PCN\_16\_0035\_Rev\_B\_Qual Results Summary for LFCSP\_SS Automotive.pdf

**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

**Europe:** PCN\_Europe@analog.com

**Japan:** PCN\_Japan@analog.com

**Rest of Asia:** PCN\_ROA@analog.com

**Appendix A - Affected ADI Models**

**Existing Parts - Product Family / Model Number (76)**

AD2403 / AD2403KCPZ	AD2410 / AD2410KCPZ	AD2410W / AD2410WCCSZ	AD2410W / AD2410WCCSZ-RL	AD2410W / ADW95144Z-21
AD590 / AD590JCPZ-R5	AD590 / AD590JCPZ-RL7	AD7091R / AD7091RBCPZ-RL	AD7091R / AD7091RBCPZ-RL7	AD7683 / AD7683ACPZRL7
AD7683 / AD7683BCPZRL7	AD8218 / AD8218BCPZ-RL	AD8310 / AD45241Z-R7	AD8351 / AD8351ACPZ-R7	AD9102 / AD9102BCPZ
AD9102 / AD9102BCPZRL7	AD9106 / AD9106BCPZ	AD9106 / AD9106BCPZRL7	AD9117 / AD9117BCPZN	AD9117 / AD9117BCPZNL7
AD9554-1 / AD9554-1BCPZ	AD9554-1 / AD9554-1BCPZ-REEL7	ADAR7251 / ADAR7251WBCSZ	ADAR7251 / ADAR7251WBCSZ-RL	ADF41020 / ADF41020BCPZ
ADF41020 / ADF41020BCPZ-RL7	ADF4150 / ADF4150BCPZ	ADF4150 / ADF4150BCPZ-RL7	ADF4150HV / ADF4150HVBCPZ	ADF4150HV / ADF4150HVBCPZ-RL7
ADF4151 / ADF4151BCPZ	ADF4151 / ADF4151BCPZ-RL7	ADF5000 / ADF5000BCPZ	ADF5000 / ADF5000BCPZ-RL7	ADF5001 / ADF5001BCPZ
ADF5001 / ADF5001BCPZ-RL7	ADF5002 / ADF5002BCPZ	ADF5002 / ADF5002BCPZ-RL7	ADF7021 / AD45208Z-RL	ADF7021 / ADF7021BCPZ
ADF7021 / ADF7021BCPZ-RL	ADF7021 / ADF7021BCPZ-RL7	ADF7023-J / ADF7023-JBCPZ	ADF7023-J / ADF7023-JBCPZ-RL	ADG1401 / ADG1401BCPZ-REEL7
ADG1419 / ADG1419BCPZ-REEL7	ADG721 / ADG721ACPZ-REEL7	ADL5201 / ADL5201ACPZ-R7	ADL5202 / ADL5202ACPZ-R7	ADL5566 / ADL5566ACPZ-R7
ADL5721 / ADL5721ACPZN-R7	ADL5723 / ADL5723ACPZN-R7	ADL5724 / ADL5724ACPZN-R7	ADL5725 / ADL5725ACPZN-R7	ADL5726 / ADL5726ACPZN-R7
ADL5903 / ADL5903ACPZN-R7	ADL5903 / ADL5903SCPZN-R7	ADL5906 / ADL5906ACPZN-R7	ADL5906 / ADL5906SCPZN-R7	ADL6010 / ADL6010ACPZN-R7
ADL6010 / ADL6010SCPZN-R7	ADRF6518 / ADRF6518ACPZ-R7	ADRF6620 / ADRF6620ACPZ-R7	ADRF6820 / AD45242Z-R7	ADRF6820 / ADRF6820ACPZ-R7
ADUC7020 / ADUC7020BCPZ62	ADUC7020 / ADUC7020BCPZ62-RL7	ADUC7020 / ADUC7020SRTZ	ADUC7023 / AD70'001Z-0RL	ADUC7023 / AD70'003Z-0R7
ADUC7023 / ADUC7023BCPZ62	ADUC7023 / ADUC7023BCPZ62R7	ADUC7023 / ADUC7023BCPZ62RL	ADUC7023 / ADUC7023BCPZ62	ADUC7023 / ADUC7023BCPZ62-R7
ADUC7023 / ADUC7023BCPZ62-RL				

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	15-Feb-2016	15-May-2016	Initial Release
Rev. A	16-May-2016	15-May-2016	Add qualification results of commercial Mini-LFCSP and LFCSP devices.
Rev. B	01-Aug-2016	15-May-2016	Added Qualification Results Summary of Automotive LFCSP_SS (Side Solderable).

Analog Devices, Inc.

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