



Product/Process Change Notice - PCN 16_0035 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 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: 16-May-2016

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

Revision Description:

Add qualification results of commercial Mini-LFCSP and LFCSP devices.

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 are in process per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Plans and Summaries.

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_A_Qual Results Summary for LFCSP Commercial.pdf

Attachment 2: Type: Qualification Results Summary

ADI_PCN_16_0035_Rev_A_Qual Results Summary for Mini-LFCSP Commercial.pdf

Attachment 3: Type: Qualification Plan

ADI_PCN_16_0035_Rev_A_Automotive Qual Plan Summary for LFCSP_SS.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

| Rev | Publish Date | Effectivity Date | Rev Description |
|------------|---------------------|-------------------------|---|
| 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. |

Analog Devices, Inc.

DocId:3693 Parent DocId:None Layout Rev:7