



## Product/Process Change Notice - PCN 16\_0225 Rev. -

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.

**PCN Title:** Addition of ASE Korea as an Alternate Assembly Site for Select LFCSP Products.

**Publication Date:** 06-Feb-2017

**Effectivity Date:** 07-May-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

ADI is adding ASE Korea as an alternate assembly manufacturing for select LFCSP products.

ADI has qualified ASE Korea's BOM(Bill of Materials). Mold compound is changing from Hitachi CEL 9220HF13 to Sumitomo G770LYT. See BOM attachment for details.

The package outline exposed pad dimensions are changing for 4x4mm 16LD/24LD and 7x7mm 48LD. See POD attachment for details.

### Reason For Change

ADI's current Assembly supplier STATS ChipPAC China is relocating their factory by end of September 2017.

In this regard, Addition of ASE Korea as an Alternate Assembly Site will ensure continuous supply of products.

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

There will be 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 from the alternate site will be identified by assembly lot and the country of origin.

### Summary of Supporting Information

Qualification is in process per AEC-Q100, Stress Test Qualification for Integrated Circuits.

See attached qualification plan.

### Comments

During addition of new assembly Site, products will be assembled from either current or Alternate Assembly Site. The customers may receive products that are assembled at AEK or assembled at SCC.

Applies for all packing/reel options.

### Supporting Documents

**Attachment 1: Type:** Qualification Plan

ADI\_PCN\_16\_0225\_Rev\_-\_Qualification Plan for 24L LFCSP.pdf

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**Attachment 2: Type:** Qualification Plan

ADI\_PCN\_16\_0225\_Rev\_-\_Qualification Plan for 48L LFCSP.pdf

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**Attachment 3: Type:** Package Outline Drawing

ADI\_PCN\_16\_0225\_Rev\_-\_POD Change Description.pptx

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**Attachment 4: Type:** Detailed Change Description

ADI\_PCN\_16\_0225\_Rev\_-\_BOM Change Description.pptx

**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](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**

**Added Parts On This Revision - Product Family / Model Number (8)**

AD8231 / AD8231TCPZ-EP-R7	AD8318 / AD8318SCPZ-EP-R2	AD8318 / AD8318SCPZ-EP-RL7	AD8318 / AD8318SCPZ-EP-WP	AD9508 / AD9508SCPZ-EP
AD9508 / AD9508SCPZ-EP-R7	AD9512 / AD9512UCPZ-EP	AD9512 / AD9512UCPZ-EP-R7		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	06-Feb-2017	07-May-2017	Initial Release

Analog Devices, Inc.

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