



## Product/Process Change Notice - PCN 17\_0068 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 3x3mm and 4x4mm Body Sizes LFCSP Devices

**Publication Date:** 20-Apr-2017

**Effectivity Date:** 19-Jul-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

ADI has qualified and will be utilizing Assembly subcontractor ASE Korea for select 3x3mm and 4x4 Body size LFCSP products. Die Attach Epoxy, Mold Compound and wire sizes of each product will be maintained. The Exposed Pad dimension will change as per attached:

### Reason For Change

The use of ASE Korea as an additional assembly site for 3x3mm and 4x4 Body size LFCSP products will ensure continued source of supply.

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 different manufacturing locations.

### Impact of the change (positive or negative) on fit, form, function & reliability

This change 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 in this additional ADI-qualified assembly site will be identified with Korea as the country of origin. The Bottom Pin 1 indicator will be chamfer.

### Summary of Supporting Information

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

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### Supporting Documents

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

ADI\_PCN\_17\_0068\_Rev\_-\_Qual Results Summary.pdf

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

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

ADI\_PCN\_17\_0068\_Rev\_-\_POD.ppt

**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 (87)**

AD5398 / AD5398BCPZ-REEL	AD5398 / AD5398BCPZ-REEL7	AD7682 / AD7682BCPZ	AD7682 / AD7682BCPZRL7	AD7689 / AD7689ACPZ
AD7689 / AD7689ACPZRL7	AD7689 / AD7689BCPZ	AD7689 / AD7689BCPZRL7	AD7695 / AD71090Z	AD7695 / AD71090ZRL
AD7695 / AD71090ZRL7	AD7699 / AD7699BCPZ	AD7699 / AD7699BCPZRL7	AD7944 / AD7944BCPZ	AD7944 / AD7944BCPZ-RL7
AD7949 / AD7949BCPZ	AD7949 / AD7949BCPZRL7	AD7949 / AD7949SCPZ-EP-R2	AD7949 / AD7949SCPZ-EP-RL7	AD7985 / AD7985BCPZ
AD7985 / AD7985BCPZ-RL7	AD7986 / AD7986BCPZ	AD7986 / AD7986BCPZ-RL7	AD8000 / AD8000YCPZ-REEL	AD8000 / AD8000YCPZ-REEL7
AD8045 / AD8045ACPZ-R2	AD8045 / AD8045ACPZ-REEL7	AD8099 / AD8099ACPZ-REEL	AD8099 / AD8099ACPZ-REEL7	AD8139 / AD8139ACPZ-R2
AD8139 / AD8139ACPZ-REEL	AD8139 / AD8139ACPZ-REEL7	AD8337 / AD8337BCPZ-REEL	AD8337 / AD8337BCPZ-REEL7	AD8597 / AD8597ACPZ-REEL
AD8597 / AD8597ACPZ-REEL7	AD8661 / AD8661ACPZ-REEL7	AD8663 / AD8663ACPZ-REEL7	ADA4051-2 / ADA4051-2ACPZ-R7	ADA4622-2 / ADA4622-2ACPZ-R7
ADA4622-2 / ADA4622-2ACPZ-RL	ADA4627-1 / ADA4627-1ACPZ-R7	ADA4627-1 / ADA4627-1ACPZ-RL	ADA4637-1 / ADA4637-1ACPZ-R2	ADA4637-1 / ADA4637-1ACPZ-R7
ADA4637-1 / ADA4637-1ACPZ-RL	ADA4817-1 / ADA4817-1ACPZ-R7	ADA4817-1 / ADA4817-1ACPZ-RL	ADA4850-1 / ADA4850-1YCPZ-RL7	ADA4857-1 / ADA4857-1YCPZ-R7
ADA4857-1 / ADA4857-1YCPZ-RL	ADA4922-1 / ADA4922-1ACPZ-RL7	ADA4941-1 / ADA4941-1YCPZ-R2	ADA4941-1 / ADA4941-1YCPZ-R7	ADA4941-1 / ADA4941-1YCPZ-RL
ADG1434 / ADG1434YCPZ-REEL	ADG1434 / ADG1434YCPZ-REEL7	ADG1438 / ADG1438BCPZ-REEL7	ADG1439 / ADG1439BCPZ-REEL7	ADG1634 / ADG1634BCPZ-REEL7
ADG901 / ADG901BCPZ-500RL7	ADG918 / ADG918BCPZ-500RL7	ADG918 / ADG918BCPZ-REEL7	ADG919 / ADG919BCPZ-REEL7	ADL5521 / ADL5521ACPZ-R7
ADL5523 / ADL5523ACPZ-R7	ADL5531 / ADL5531ACPZ-R7	ADL5541 / ADL5541ACPZ-R7	ADM4850 / ADM4850ACPZ-REEL7	ADM4852 / ADM4852ACPZ-REEL7
ADM4853 / ADM4853ACPZ-REEL7	ADP2102 / ADP2102YCPZ-1.2-R7	ADP2102 / ADP2102YCPZ-1.37R7	ADP2102 / ADP2102YCPZ-4-R7	ADP3334 / ADP3334ACPZ-REEL7
ADP3335 / ADP3335ACPZ-1.8-R7	ADP3335 / ADP3335ACPZ-2.5-R7	ADP3335 / ADP3335ACPZ-2.85R7	ADP3335 / ADP3335ACPZ-3.3-R7	ADP3335 / ADP3335ACPZ-3.3-RL
ADP3335 / ADP3335ACPZ-5-R7	ADP5020 / ADP5020ACPZ-R7	ADP8860 / ADP8860ACPZ-R7	ADT7408 / ADT7408CCPZ-REEL7	SSM2211 / SSM2211CPZ-REEL
SSM2211 / SSM2211CPZ-REEL7	SSM2305 / SSM2305CPZ-REEL7			

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	20-Apr-2017	19-Jul-2017	Initial Release

Analog Devices, Inc.

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