



## Product/Process Change Notice - PCN 19\_0009 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 Site Transfer of Select 48L TSSOP Products from Amkor to ATEC Philippines

**Publication Date:** 14-Feb-2019

**Effectivity Date:** 19-May-2019 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**  
Add Parts.

### Description Of Change:

ADI is qualifying ATEC Philippines as an Assembly site for 48L TSSOP 6.1mm products.

1. Assembly site will change from Amkor Philippines (AP1) to ATEC Philippines(ATC).
2. Leadframe thickness changed from 5 mils to 6 mils. This change does not affect POD and is within the ADI POD specified dimension range.

Materials (BOM) and Package Outline Dimensions (POD) will remain the same. See the Supporting Documents section of this PCN for detail.

### Reason For Change:

Amkor Technology Philippines has issued a notification that they will phase out and no longer support 48L TSSOP 6.1mm package body.

ADI assembly suppliers manufacture our products using Analog Devices specified manufacturing flows, process controls and monitors. This assures that our customers receive the same level of quality and reliability on products they receive from qualified ADI manufacturing locations.

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

No change in fit, function and reliability of the devices. Impact to form due to leadframe thickness change will have a positive electrical response.

### Product Identification *(this section will describe how to identify the changed material)*

Assembled parts will be identified by assembly lot number.

### Summary of Supporting Information:

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

### Supporting Documents

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

ADI\_PCN\_19\_0009\_Rev\_A\_Qualification Results Summary for 48L TSSOP at ATEC.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 (2)**

AD5582 / AD5582YRVZ	AD5583 / AD5583YRVZ			
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**Added Parts On This Revision - Product Family / Model Number (64)**

LTC1741 / LTC1741CFW#PBF	LTC1741 / LTC1741CFW#TRPBF	LTC1741 / LTC1741FW#PBF	LTC1741 / LTC1741FW#TRPBF	LTC1742 / LTC1742CFW#PBF
LTC1742 / LTC1742CFW#TRPBF	LTC1742 / LTC1742FW#PBF	LTC1742 / LTC1742FW#TRPBF	LTC1743 / LTC1743CFW#PBF	LTC1743 / LTC1743CFW#TRPBF
LTC1743 / LTC1743FW#PBF	LTC1743 / LTC1743FW#TRPBF	LTC1744 / LTC1744CFW#PBF	LTC1744 / LTC1744CFW#TRMPBF	LTC1744 / LTC1744CFW#TRPBF
LTC1744 / LTC1744FW#PBF	LTC1744 / LTC1744FW#TRPBF	LTC1745 / LTC1745CFW#PBF	LTC1745 / LTC1745CFW#TRPBF	LTC1745 / LTC1745FW#PBF
LTC1745 / LTC1745FW#TRPBF	LTC1746 / LTC1746CFW#PBF	LTC1746 / LTC1746CFW#TRMPBF	LTC1746 / LTC1746CFW#TRPBF	LTC1746 / LTC1746FW#PBF
LTC1746 / LTC1746FW#TRMPBF	LTC1746 / LTC1746FW#TRPBF	LTC1747 / LTC1747CFW#PBF	LTC1747 / LTC1747CFW#TRPBF	LTC1747 / LTC1747FW#PBF
LTC1747 / LTC1747FW#TRPBF	LTC1748 / LTC1748CFW#PBF	LTC1748 / LTC1748CFW#TRPBF	LTC1748 / LTC1748FW#PBF	LTC1748 / LTC1748FW#TRPBF
LTC1749 / LTC1749CFW#PBF	LTC1749 / LTC1749CFW#TRPBF	LTC1749 / LTC1749FW#PBF	LTC1749 / LTC1749FW#TRPBF	LTC1750 / LTC1750CFW#PBF
LTC1750 / LTC1750CFW#TRPBF	LTC1750 / LTC1750FW#PBF	LTC1750 / LTC1750FW#TRPBF	LTC1760 / LTC1760CFW#PBF	LTC1760 / LTC1760CFW#TRMPBF
LTC1760 / LTC1760CFW#TRPBF	LTC1760 / LTC1760FW#PBF	LTC1760 / LTC1760FW#TRPBF	LTC1850 / LTC1850CFW#PBF	LTC1850 / LTC1850CFW#TRPBF
LTC1850 / LTC1850FW#PBF	LTC1850 / LTC1850FW#TRPBF	LTC1851 / LTC1851CFW#PBF	LTC1851 / LTC1851CFW#TRPBF	LTC1851 / LTC1851FW#PBF
LTC1851 / LTC1851FW#TRPBF	LTC1852 / LTC1852CFW#PBF	LTC1852 / LTC1852CFW#TRPBF	LTC1852 / LTC1852FW#PBF	LTC1852 / LTC1852FW#TRPBF
LTC1853 / LTC1853CFW#PBF	LTC1853 / LTC1853CFW#TRPBF	LTC1853 / LTC1853FW#PBF	LTC1853 / LTC1853FW#TRPBF	

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	17-Jan-2019	21-Apr-2019	Initial Release
Rev. A	14-Feb-2019	19-May-2019	Add Parts.

Analog Devices, Inc.

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