



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

**Publication Date:** 17-Jan-2019

**Effectivity Date:** 21-Apr-2019 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**  
Initial Release

### 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\_-\_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**

**Added Parts On This Revision - Product Family / Model Number (2)**

AD5582 / AD5582YRVZ

AD5583 / AD5583YRVZ

**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

Analog Devices, Inc.

DocId:4608 Parent DocId:None Layout Rev:7