



## Product/Process Change Notice - PCN 16\_0288 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 Amkor Philippines as Alternate Assembly Site for 6L and 8L TSOT Chip-On-Lead Packages

**Publication Date:** 17-Jan-2017

**Effectivity Date:** 17-Apr-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

6L/8L TSOT Chip-On-Lead (COL) packages are currently assembled at Carsem, Malaysia.

ADI has qualified and will be utilizing Amkor(AP1), Philippines, as an alternate assembly supplier for products in 6L/8L TSOT COL Packages.

ADI has qualified Amkor's standard assembly bill of materials, see attached BOM for change details.

### Reason For Change

The addition of Amkor, Philippines as ADI assembly site of 6L/8L TSOT COL packages will ensure continued source of supply, optimize on-time delivery, and is aligned with ADI Worldwide Manufacturing strategic plans.

ADI assembly suppliers manufacture ADI products using Analog Devices specified assembly process flows, materials, process controls and monitors. Products will continue to be tested on the same platform, using the same Analog Devices test programs, monitors and controls.

This assures that ADI customers get 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

The device fit, form, function, and reliability, as specified by Product Data Sheets, will be unaffected by this change.

The addition of Amkor Philippines as an alternate assembly supplier allows future shipments of 6L/8L TSOT COL packages from either Carsem Malaysia or Amkor Philippines.

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

Amkor, Philippines has a Matte mold surface finish versus Carsem, Malaysia Smooth mold surface finish.

### Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Results Summary.

### Supporting Documents

**Attachment 1: Type:** Detailed Change Description

**Attachment 2: Type:** Qualification Results Summary

ADI\_PCN\_16\_0288\_Rev\_-\_Qualification Results Summary.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](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 (20)**

AD5450 / AD5450YUJZ-REEL7	AD5451 / AD5451YUJZ-REEL7	AD5452 / AD5452YUJZ-REEL7	AD5453 / AD5453YUJZ-REEL7	AD7276 / AD7276AUJZ-500RL7
AD7276 / AD7276AUJZ-REEL7	AD7276 / AD7276BUJZ-500RL7	AD7276 / AD7276BUJZ-REEL7	AD7276 / AD7276YUJZ-500RL7	AD7276 / AD7276YUJZ-REEL7
AD7277 / AD7277AUJZ-500RL7	AD7277 / AD7277BUJZ-500RL7	AD7277 / AD7277BUJZ-REEL7	AD7278 / AD7278AUJZ-500RL7	AD7278 / AD7278BUJZ-500RL7
AD7278 / AD7278BUJZ-REEL7	AD7911 / AD7911AUJZ-REEL7	AD7912 / AD7912AUJZ-REEL7	AD7921 / AD7921AUJZ-REEL7	AD7922 / AD7922AUJZ-REEL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	17-Jan-2017	17-Apr-2017	Initial Release

Analog Devices, Inc.

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