



## Product/Process Change Notice - PCN 16\_0021 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:** Addition of Amkor Philippines as Alternate Assembly Site for 5L,6L and 8L SOT23 Packages

**Publication Date:** 20-Apr-2016

**Effectivity Date:** 20-Apr-2016 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Remove material with the following generic numbers: AD7680, AD7940, ADG801, ADG802, ADG819 and ADG719.

### Description Of Change

5L/6L/8L SOT23 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 5L/6L/8L SOT23 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 5L/6L/8L SOT23 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 5L/6L/8L SOT23 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:** Qualification Results Summary

ADI\_PCN\_16\_0021\_Rev\_A\_Qual Results Summary - SOT23.pdf

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

ADI\_PCN\_16\_0021\_Rev\_A\_Material Set Change - SOT23.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**

**Existing Parts - Product Family / Model Number (89)**

AD5300 / AD5300BRT-500RL7	AD5300 / AD5300BRT-REEL7	AD5300 / AD5300BRTZ-500RL7	AD5300 / AD5300BRTZ-REEL7	AD8211 / AD45215YRJZ-R7
ADG3233 / ADG3233BRJ-REEL7	ADG3233 / ADG3233BRJZ-REEL7	ADG465 / ADG465BRT-REEL7	ADG465 / ADG465BRTZ-REEL7	ADG701 / ADG701BRJ-500RL7
ADG701 / ADG701BRJZ-500RL7	ADG701 / ADG701BRJZ-REEL7	ADG701 / ADG701BRT-REEL7	ADG701 / ADG701BRTZ-REEL7	ADG701L / ADG701LBRJZ-500RL7
ADG701L / ADG701LBRJZ-REEL7	ADG701L / ADG701LBRTZ-REEL7	ADG702 / ADG702BRJ-REEL	ADG702 / ADG702BRJZ-500RL7	ADG702 / ADG702BRJZ-REEL7
ADG702 / ADG702BRT-REEL7	ADG702 / ADG702BRTZ-REEL7	ADG702L / ADG702LBRJ-REEL	ADG702L / ADG702LBRTZ-REEL7	ADG719 / ADG719BRT-500RL7
ADG719 / ADG719BRT-REEL7	ADG719 / ADG719BRTZ-500RL7	ADG719 / ADG719BRTZ-REEL	ADG719 / ADG719BRTZ-REEL7	ADG751 / ADG751ART-REEL7
ADG751 / ADG751ARTZ-REEL7	ADG751 / ADG751BRTZ-REEL7	ADG752 / ADG752BRT-REEL7	ADG752 / ADG752BRTZ-REEL7	ADM1070 / ADM1070ART-REEL7
ADM1070 / ADM1070ARTZ-REEL7	ADM6305 / ADM6305D3ARJZ-RL7	ADM6305 / ADM6305D3ARJZ1-RL7	ADM6306 / ADM6306D131ARJZ-R7	ADM6306 / ADM6306D131ARJZ1R7
ADM6306 / ADM6306D329ARJZ-R7	ADM6306 / ADM6306D330ARJZ-R7	ADM6306 / ADM6306D331ARJZ-R7	ADM6306 / ADM6306D331ARJZ1R7	ADM6306 / ADM6306D344ARJZ-R7
ADM6306 / ADM6306D346ARJZ-R7	ADM6339 / ADM6339AARJZ-RL7	ADM6339 / ADM6339BARJZ-RL7	ADM6339 / ADM6339CARJZ-RL7	ADM6339 / ADM6339DARJZ-RL7
ADM6339 / ADM6339EARJZ-RL7	ADM6339 / ADM6339FARJZ-RL7	ADM6339 / ADM6339GARJZ-RL7	ADM6339 / ADM6339HARJZ-RL7	ADM6339 / ADM6339IARJZ-RL7
ADM6339 / ADM6339JARJZ-RL7	ADM6339 / ADM6339KARJZ-RL7	ADM6339 / ADM6339LARJZ-RL7	ADM6339 / ADM6339MARJZ-RL7	ADM6339 / ADM6339NARJZ-RL7
ADM6339 / ADM6339OARJZ-RL7	ADM6339 / ADM6339PARJZ-RL7	ADM6339 / ADM6339QARJZ-RL7	ADM6710 / AD51098Z-0RL7	ADM6710 / AD51102Z-0RL7
ADM6710 / ADM6710AARJZ-REEL7	ADM6710 / ADM6710BARJZ-REEL7	ADM6710 / ADM6710CARJZ-REEL7	ADM6710 / ADM6710DARJZ-REEL7	ADM6710 / ADM6710EARJZ-REEL7
ADM6710 / ADM6710FARJZ-REEL7	ADM6710 / ADM6710GARJZ-REEL7	ADM6710 / ADM6710HARJZ-REEL7	ADM6710 / ADM6710IARJZ-REEL7	ADM6710 / ADM6710JARJZ-REEL7
ADM6710 / ADM6710KARJZ-REEL7	ADM6710 / ADM6710LARJZ-REEL7	ADM6710 / ADM6710MARJZ-REEL7	ADM6710 / ADM6710NARJZ-REEL7	ADM6710 / ADM6710OARJZ-REEL7
ADM6710 / ADM6710PARJZ-REEL7	ADM6710 / ADM6710QARJZ-REEL7	TMP05 / TMP05ARTZ-500RL7	TMP05 / TMP05ARTZ-REEL7	TMP05 / TMP05BRTZ-500RL7
TMP05 / TMP05BRTZ-REEL	TMP05 / TMP05BRTZ-REEL7	TMP06 / TMP06ARTZ-500RL7	TMP06 / TMP06BRTZ-500RL7	

**Removed Parts On All Revisions - Product Family / Model Number (21)**

AD7680 / AD7680ARJZ-REEL7	AD7680 / AD7680BRJZ-R2	AD7680 / AD7680BRJZ-REEL7	AD7940 / AD7940BRJZ-REEL7	ADG719 / ADG719SRJZ-EP-R2
ADG719 / ADG719SRJZ-EP-RL7	ADG801 / ADG801BRT-500RL7	ADG801 / ADG801BRT-REEL7	ADG801 / ADG801BRTZ-500RL7	ADG801 / ADG801BRTZ-REEL
ADG801 / ADG801BRTZ-REEL7	ADG802 / ADG802BRT-REEL	ADG802 / ADG802BRTZ-500RL7	ADG802 / ADG802BRTZ-REEL7	ADG819 / AD15136-0REEL
ADG819 / AD15136-0REEL7	ADG819 / ADG819BRT-500RL7	ADG819 / ADG819BRT-REEL7	ADG819 / ADG819BRTZ-500RL7	ADG819 / ADG819BRTZ-REEL
ADG819 / ADG819BRTZ-REEL7				

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	22-Feb-2016	22-May-2016	Initial Release
Rev. A	20-Apr-2016	20-Apr-2016	Remove material with the following generic numbers: AD7680, AD7940, ADG801, ADG802, ADG819 and ADG719.

Analog Devices, Inc.

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