



## Product/Process Change Notice - PCN 17\_0107 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 Chungli as an Alternate Assembly Site for Select Isolator Products in 16L and 20L QSOP

**Publication Date:** 28-Aug-2017

**Effectivity Date:** 26-Nov-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

ADI will be utilizing qualified assembly subcontractor ASE Chungli, Taiwan as an alternate assembly site for 16L and 20L QSOP Isolator products. ADI has qualified ASE Chungli's standard bill of materials for these QSOP devices. See attached BOM for change details.

### Reason For Change

The use of ADI qualified ASE Chungli as an additional assembly site for this package will ensure continued source of product supply. ADI's assembly subcontractors 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

There is no change in device functionality, fit, form and reliability.

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

Devices assembled at ASE Chungli will have a tool or laser marking at the backside for the country of origin; in this case TAIWAN.

### Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary.

### Supporting Documents

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

ADI\_PCN\_17\_0107\_Rev\_-\_Material Set Changes QSOP of Isolator at ASE CHUNGLI.pdf

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

ADI\_PCN\_17\_0107\_Rev\_-\_Qualification Results Summary\_Automotive with HAST.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 (30)**

ADUM3070 / ADUM3070ARQZ	ADUM3070 / ADUM3070ARQZ-RL7	ADUM3190 / AD71165TRQZ	ADUM3190 / AD71165TRQZ-RL7	ADUM3190 / ADUM3190ARQZ
ADUM3190 / ADUM3190ARQZ-RL7	ADUM3190 / ADUM3190BRQZ	ADUM3190 / ADUM3190BRQZ-RL7	ADUM3190 / ADUM3190SRQZ	ADUM3190 / ADUM3190SRQZ-RL7
ADUM3190 / ADUM3190TRQZ	ADUM3190 / ADUM3190TRQZ-RL7	ADUM3190 / ADUM3190WSRQZ	ADUM3190 / ADUM3190WSRQZ-RL7	ADUM3190 / ADUM3190WTRQZ
ADUM3190 / ADUM3190WTRQZ-RL7	ADUM7440 / ADUM7440ARQZ	ADUM7440 / ADUM7440ARQZ-RL7	ADUM7440 / ADUM7440CRQZ	ADUM7440 / ADUM7440CRQZ-RL7
ADUM7441 / ADUM7441ARQZ	ADUM7441 / ADUM7441ARQZ-RL7	ADUM7441 / ADUM7441CRQZ	ADUM7441 / ADUM7441CRQZ-RL7	ADUM7442 / ADUM7442ARQZ
ADUM7442 / ADUM7442ARQZ-RL7	ADUM7442 / ADUM7442CRQZ	ADUM7442 / ADUM7442CRQZ-RL7	ADUM7510 / ADUM7510BRQZ	ADUM7510 / ADUM7510BRQZ-RL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	28-Aug-2017	26-Nov-2017	Initial Release

Analog Devices, Inc.

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