



# Product/Process Change Notice - PCN 11\_0235 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 Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

**PCN Title:** ADE7751/3/5/8 Wafer Fabrication Qualification At Magnachip Semiconductor Ltd.

**Publication Date:** 21-Nov-2011

**Effectivity Date:** 19-Feb-2012 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

The 0.6um CMOS process at Magnachip Semiconductor Ltd, is being qualified as an alternative wafer fabrication location for ADE7751/3/5/8 products. Capability to fabricate the ADE7751/3/5/8 will also be maintained in its current locations, 0.6um CMOS processes at TSMC Taiwan and 0.6um CMOS process at ADI Limerick, Ireland (ADLK), and material may be supplied from either facilities.  
  
The 0.6um CMOS process in Magnachip Semiconductor Ltd. has been qualified by ADI for volume production since 2004.

### Reason For Change

Increasing wafer fabrication capacity for ADE7751/3/5/8.

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

Form and fit and function remain unchanged.

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

Product identification via lot numbers branded on the product.

### Summary of Supporting Information

Qualification will be performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan Summary.

### Supporting Documents

**Attachment 1: Type:** Qualification Plan Summary  
ADI\_PCN\_11\_0235\_Rev\_-\_ADI\_PCN\_11\_0235\_Qual\_Plan.pdf

**For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative**

<b>Americas:</b>	PCN_Americas@analog.com	<b>Europe:</b>	PCN_Europe@analog.com	<b>Japan:</b>	PCN_Japan@analog.com
				<b>Rest of Asia:</b>	PCN_ROA@analog.com

### Appendix A - Affected ADI Models

**Added Parts On This Revision - Product Family / Model Number (18)**

ADE7751 / ADE7751ARSZ	ADE7751 / ADE7751ARSZRL	ADE7753 / AD71128ARSZ	ADE7753 / AD71128ARSZ-RL	ADE7753 / ADE7753ARSZ
ADE7753 / ADE7753ARSZRL	ADE7755 / AD71057ARSZ	ADE7755 / AD71057ARSZ-RL	ADE7755 / AD71079ARSZ	ADE7755 / AD71079ARSZ-RL
ADE7755 / ADE7755ARSZ	ADE7755 / ADE7755ARSZRL	ADE7758 / AD71051ARWZ	ADE7758 / AD71051ARWZRL	ADE7758 / AD71061ARWZ
ADE7758 / AD71061ARWZ-RL	ADE7758 / ADE7758ARWZ	ADE7758 / ADE7758ARWZRL		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	21-Nov-2011	Initial Release

Analog Devices, Inc.

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