



Product/Process Change Notice - PCN 09_0217 Rev. B

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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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

PCN Title: Addition of Jiangsu Changjiang Electronics Technology (JCET) as an alternate Assembly source for 10L MSOP and 14L TSSOP, and Advanced Semiconductor Engineering (ASE) for 10L MSOP and 14L SOICN package.

Publication Date: 22-Jun-2010

Effectivity Date: 24-May-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Edit to title for clarification.
Update the Existing Subcontractor Materials in the JCET material list/attachment.
In the ASE Supporting Qualification attachment, removed reference to PDIP data which is not applicable to this change.

Description Of Change

ADI is adding two new Assembly subcontractors for select package families. The two sites are JCET in Jiangyin, China and ASE in Shanghai, China. See attachments for mapping of affected models to each site.

In order to utilize the standard material sets at these sites, the affected parts' bill of material will be changing. See attachment for details of the BOM changes.

Reason For Change

JCET and ASE are being added to provide additional and alternative sources of supply to support customer demand and service levels.

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

No change on fit, form, function & reliability.

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

China will be the country of origin (identified on the package) for parts assembled at either ASE or JCET. Packages will either have an ejector pin with the country of origin or a laser marking for the country of origin.

Summary of Supporting Information

Qualifications have been performed per Analog Devices specification ADI0012, Procedure for Qualification of New or Revised Processes. The qualification vehicles used are the 8L SOIC package, 8L MSOP package and 16L TSSOP, these packages served to also qualify the following lead counts of 10L MSOP, 14L SOICN and 14L TSSOP.
See supporting qualification, reliability data attached.

Supporting Documents

Attachment 1: Type: Detailed Parts List

ADI_PCN_09_0217_Rev_B_JCET 14 TSSOP.xls

Attachment 2: Type: Detailed Parts List

ADI_PCN_09_0217_Rev_B_ASE 10MSOP 14 SOICN.xls

Attachment 3: Type: Detailed Change Description

ADI_PCN_09_0217_Rev_B_Material_Set_Changes_for_JCET.doc

Attachment 4: Type: Detailed Change Description

ADI_PCN_09_0217_Rev_B_Material_Set_Changes_for_ASE.doc

Attachment 5: Type: Reliability Report

ADI_PCN_09_0217_Rev_B_Supporting_Qualification_data_for_JCET.doc

Attachment 6: Type: Reliability Report

ADI_PCN_09_0217_Rev_B_Supporting_Qualification_data_for_ASE.doc

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

Existing Parts - Product Family / Model Number (28)

AD7155 / AD42/326Z-0REEL	AD7982 / AD71062Z	AD7982 / AD71062Z-RL7	AD8054 / AD8054ARZ	AD8054 / AD8054ARZ-REEL	AD8054 / AD8054ARZ-REEL7
AD8073 / AD8073JRZ	AD8073 / AD8073JRZ-REEL	AD8073 / AD8073JRZ-REEL7	AD8553 / AD8553ARMZ	AD8553 / AD8553ARMZ-REEL	AD8647 / AD8647ARMZ
AD8647 / AD8647ARMZ-REEL	AD8694 / AD8694ARZ	AD8694 / AD8694ARZ-REEL	AD8694 / AD8694ARZ-REEL7	ADA4000-4 / ADA4000-4ARUZ	ADA4000-4 / ADA4000-4ARUZ-RL
ADG1204 / ADG1204YRUZ	ADG1204 / ADG1204YRUZ-REEL	ADG1204 / ADG1204YRUZ-REEL7	ADM1175 / ADM1175-2ARMZ-R7	OP481 / OP481GSZ	OP481 / OP481GSZ-REEL
OP481 / OP481GSZ-REEL7	OP482 / OP482GSZ	OP482 / OP482GSZ-REEL	OP482 / OP482GSZ-REEL7		

Removed Parts On All Revisions - Product Family / Model Number (9)

AD8040 / AD8040ARUZ	AD8040 / AD8040ARUZ-REEL	AD8040 / AD8040ARUZ-REEL7	AD8302 / AD8302ARUZ	AD8302 / AD8302ARUZ-REEL	AD8302 / AD8302ARUZ-RL7
AD8343 / AD8343ARUZ	AD8343 / AD8343ARUZ-REEL	AD8343 / AD8343ARUZ-REEL7			

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	24-Feb-2010	Initial Release
Rev. A	02-Apr-2010	Updated attached data per ASE and JCET into separate files. Removed parts: AD8040, AD8302 and AD8343
Rev. B	22-Jun-2010	Edit to title for clarification. Update the Existing Subcontractor Materials in the JCET material list/attachment. In the ASE Supporting Qualification attachment, removed reference to PDIP data which is not applicable to this change.

Analog Devices, Inc.

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