



Product/Process Change Notice - PCN 09_0097 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 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: Assembly Site Transfer of 48L 7x7 LQFP Package from Carsem, Malaysia to STATS ChipPAC-China (SCC).

Publication Date: 21-Oct-2009

Samples Available Date: 31-Oct-2009

Effectivity Date: 19-Jan-2010 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

Assembly Site Change
 Assembly site transfer of 48Ld 7x7 LQFP package from Carsem, Malaysia to STATS ChipPAC-China (SCC).

Die Attach Change
 Die attach material will change from Loctite QMI519 to 8361J which is a qualified die attach material set at in ADI.

Marking Method Change
 Marking process will change from ink mark to lasermark.

Reason For Change

Assembly Site Change
 Analog Devices is transferring the 48 LD 7x7 LQFP from Carsem to STATS ChipPAC-China (SCC), in order to consolidate ADI's manufacturing locations.

Die Attach Change
 To standardize material set

Marking Method Change
 ADI is already in production with laser mark for many package families. The industry trend is toward ink mark elimination in favor of laser mark. This aligns with supplier direction and industry environmental initiatives.

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

Device quality, reliability, function, and performance, as specified on Product Data Sheets will not be affected.

Summary of Supporting Information

Qualification was performed in accordance with Analog Devices specification ADI0012, Procedure for Qualification of New or Revised Processes or Products. Attached is the reliability qualification summary of results.

Supporting Documents

Attachment 1: ADI_PCN_09_0097_Rev_A_48L 7x7 LQFP Qualification Results_SCC.doc

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

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 (30)

AD8381 / AD45021	AD8381 / AD8381JSTZ	AD9218 / AD9218BSTZ-105	AD9218 / AD9218BSTZ-40	AD9218 / AD9218BSTZ-65	AD9218 / AD9218BSTZ-80
AD9218 / AD9218BSTZ-RL105	AD9218 / AD9218BSTZ-RL40	AD9218 / AD9218BSTZ-RL65	AD9218 / AD9218BSTZ-RL80	AD9226 / AD9226ASTZ	AD9226 / AD9226ASTZRL
AD9804 / AD9804AJSTZ	AD9804 / AD9804AJSTZRL	AD9806 / AD9806KSTZ	AD9806 / AD9806KSTZRL	AD9821 / AD9821KSTZ	AD9821 / AD9821KSTZRL
AD9821 / AD9821KSTZRL7	AD9846A / AD9846AJSTZ	AD9846A / AD9846AJSTZRL	AD9940 / AD9940BSTZ	AD9940 / AD9940BSTZRL	ADD8708 / ADD8708WSTZ-REEL
ADD8709 / ADD8709ASTZ-REEL	ADD8709 / ADD8709ASTZ-REEL7	ADD8709 / ADD8709WSTZ-REEL	ADD8709 / ADD8709WSTZ-REEL7	ADV7120 / ADV7120KSTZ30	ADV7120 / ADV7120KSTZ30-REEL

Added Parts On This Revision - Product Family / Model Number (6)

AD9804 / AD9804AJSTZRL	AD9821 / AD9821KSTZRL	ADD8708 / ADD8708WSTZ-REEL	ADD8709 / ADD8709ASTZ-REEL7	ADD8709 / ADD8709WSTZ-REEL	ADD8709 / ADD8709WSTZ-REEL7
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Removed Parts On All Revisions - Product Family / Model Number (36)

AD8381 / AD8381JST	AD9218 / AD9218BST-105	AD9218 / AD9218BST-40	AD9218 / AD9218BST-65	AD9218 / AD9218BST-80	AD9218 / AD9218BST-RL105
AD9218 / AD9218BST-RL40	AD9218 / AD9218BST-RL65	AD9218 / AD9218BST-RL80	AD9226 / AD9226AST	AD9226 / AD9226ASTRL	AD9244 / AD9244BST-40
AD9244 / AD9244BST-65	AD9244 / AD9244BSTRL-40	AD9244 / AD9244BSTRL-65	AD9244 / AD9244BSTZ-40	AD9244 / AD9244BSTZ-65	AD9244 / AD9244BSTZRL-40
AD9244 / AD9244BSTZRL-65	AD9288 / AD9288BST-100	AD9288 / AD9288BST-40	AD9288 / AD9288BST-80	AD9288 / AD9288BSTRL-40	AD9288 / AD9288BSTZ-100
AD9288 / AD9288BSTZ-40	AD9288 / AD9288BSTZ-80	AD9288 / AD9288BSTZRL-40	AD9804 / AD9804AJST	AD9804 / AD9804AJSTRL	AD9806 / AD9806KST
AD9821 / AD9821KST	ADV7120 / ADV7120KST30	ADV7120 / ADV7120KST30-REEL	ADV7172 / ADV7172KST	ADV7173 / ADV7173KST	ADV7173 / ADV7173KST-REEL

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	20-Aug-2009	Initial Release
Rev. A	21-Oct-2009	Remove lead bearing and parts that were already included on PCN 07_0077. Include additional parts from Carsem's LQFP.

Analog Devices, Inc.

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