



Product/Process Change Notice - PCN 09_0098 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: Assembly Site Transfer of 64L 7x7 LQFP Package from Carsem, Malaysia to Amkor Technology Korea.

Publication Date: 04-Aug-2009

Samples Available Date: 31-Oct-2009

Effectivity Date: 26-Oct-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

Assembly site transfer of 64L 7x7 LQFP package from Carsem, Malaysia to Amkor Technology Korea(ATK).

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 64 LD 7x7 LQFP from Carsem to Amkor Technology Korea(ATK), in order to consolidate ADI's manufacturing locations. Carsem will also no longer support production of this package.

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 by this assembly site transfer change.

Summary of Supporting Information

Qualifications will be performed per Analog Devices specification ADI0012, Procedure for Qualification of New or Revised Processes or Products. Summary of data results per attached qualification plan will be provided in revisions to this PCN or upon request.

Supporting Documents

Attachment 1: ADI_PCN_09_0098_Rev_-_64L 7x7 LQFP Qualification Status_ATK.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

Added Parts On This Revision - Product Family / Model Number (17)

AD9238 / AD80078BSTRL	AD9238 / AD9238BST-20	AD9238 / AD9238BST-40	AD9238 / AD9238BST-65	AD9238 / AD9238BSTRL-20	AD9238 / AD9238BSTRL-40
AD9238 / AD9238BSTRL-65	AD9238 / AD9238BSTZ-20	AD9238 / AD9238BSTZ-40	AD9238 / AD9238BSTZ-65	AD9238 / AD9238BSTZRL-20	AD9238 / AD9238BSTZRL-40
AD9238 / AD9238BSTZRL-65	AD9248 / AD9248BSTZ-20	AD9248 / AD9248BSTZ-40	AD9248 / AD9248BSTZ-65	AD9248 / AD9248BSTZRL-65	

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	04-Aug-2009	Initial Release

Analog Devices, Inc.

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