



Product/Process Change Notice - PCN 10_0017 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: QFP Multigrade Laser Conversion
Publication Date: 10-Mar-2010
Effectivity Date: 08-Jun-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

ADI will be converting the package top mark (or brand) from ink mark to laser mark for all Packages of QFP Multi-grade/Special devices.

Transition to laser mark will commence on or after the specified effectivity date and the receipt of laser marked units will be dependent on inventory depletion of ink marked material and/or production release requirements.

Reason For Change

ADI is already in production with laser mark for many package families i.e. Low pin counts and QFP Single Grade devices. 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

No impact on fit, form, function & reliability.

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

Changed material can be identified by the top laser marking.

Summary of Supporting Information

ADI has used laser mark in production for many years. Samples were obtained and evaluated for marking contrast using an Agilent MV8000 contrast measurement tool and also on tape and reel vision system performance based on current test site/s. See attached photo for an ink vs. laser marked product.

Supporting Documents

Attachment 1: Type: Marking Comparison

ADI_PCN_10_0017_Rev_-_QFP Multi Grade_Laser_rev2.pdf

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 (52)

AD53504 / AD53504JSQZ-02	AD9054A / AD80026Z	AD9054A / AD9054ABSTZ-135	AD9054A / AD9054ABSTZ-200	AD9218 / AD9218BST-65	AD9218 / AD9218BST-RL65
AD9218 / AD9218BSTZ-65	AD9218 / AD9218BSTZ-RL65	AD9226 / AD80065	AD9238 / AD80078BSTR	AD9238 / AD9238BST-65	AD9238 / AD9238BSTR-65
AD9380 / AD9380KSTZ-100	AD9380 / AD9380KSTZ-150	AD9381 / AD9381KSTZ-100	AD9381 / AD9381KSTZ-150	AD9389B / AD9389BBSTZ-165	AD9389B / AD9389BBSTZ-80
AD9430 / AD80215BSVZ-185	AD9430 / AD9430BSVZ-170	AD9480 / AD9480BSUZ-250	AD9880 / AD9880KSTZ-100	AD9880 / AD9880KSTZ-150	AD9883 / AD80194KSTZ-110
AD9883 / AD80194KSTZ-140	AD9883 / AD9883ABSTZ-140	AD9883 / AD9883ABSTZ-RL140	AD9883 / AD9883AKSTZ-140	AD9884 / AD9884AKSZ-140	AD9887A / AD9887AKSZ-100
AD9887A / AD9887AKSZ-140	AD9887A / AD9887AKSZ-170	AD9888 / AD80094KSZ-170	AD9888 / AD9888KSZ-100	AD9888 / AD9888KSZ-140	AD9888 / AD9888KSZ-170
AD9888 / AD9888KSZ-205	AD9889B / AD9889BBSTZ-165	AD9980 / AD9980KSTZ-95	AD9981 / AD80105Z	AD9981 / AD9981KSTZ-80	AD9981 / AD9981KSTZ-95
AD9983A / AD9983AKSTZ-140	AD9983A / AD9983AKSTZ-170	AD9984A / AD80161KSTZ-110	AD9984A / AD80161KSTZ-170	AD9984A / AD9984AKSTZ-140	AD9984A / AD9984AKSTZ-170
AD9985 / AD9985KSTZ-140	AD9985A / AD9985AKSTZ-140	ADV3002 / ADV3002XSTZ	ADV3002 / ADV3002XSTZ-RL		

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	10-Mar-2010	Initial Release

Analog Devices, Inc.

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