



Product/Process Change Notice - PCN 13_0089 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: Change Carrier Tape Design for 20x20x1.4mm QFP
Publication Date: 14-May-2013
Effectivity Date: 12-Aug-2013 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

To provide more clearance between leads to the pocket wall and introduction of more alignment features.

Change From:

Supplier: Advantek Q2020P-AC76.0P5
Pocket format: Normal square pocket
X-pocket dimension, AO = 22.20+/-0.1
Y-pocket dimension, BO = 22.20+/-0.1
Z-pocket depth, KO = 2.20+/-0.1

Change To:

Supplier: EPAK eC3-LQFP20X20X1.4-44-32-P1-L
Pocket format: With corner guide
X-pocket dimension, AO = 23.50+/-0.2
Y-pocket dimension, BO = 23.50+/-0.2
Z-pocket depth, KO = 2.0+/-0.2

Reason For Change

To prevent lead damage on units in the carrier tape in any event of tape and reel dropping.

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

This change does not affect fit, form, function or reliability of the product.

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

Tape and reel EPAK eC3-LQFP20X20X1.4-44-32-P1-L.

Summary of Supporting Information

Validation on mock-up sample has been completed with no concern. See attached Qualification Report Summary.

Supporting Documents

Attachment 1: Type: Qualification Report Summary

ADI_PCN_13_0089_Rev_-_Change of Carrier Tape Design for ADI 20x20x1.4mm LQFP ACN.ppt

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 (33)

ADSP-21362W / 21362W-D0ST0X4B	ADSP-21362W / AD21362WBBCZ104	ADSP-21362W / AD21362WBSWZ104	ADSP-21362W / AD21362WYSWZ204	ADSP-21362W / AD95025Z
ADSP-21362W / AD95025Z-RL	ADSP-21362W / ADW95011Z-RL	ADSP-21362W / ADW95039	ADSP-21362W / ADW95054Z-04C	ADSP-21362W / ADW95054Z-04CRL
ADSP-21362W / ADW95056Z-04C	ADSP-21362W / ADW95056Z-04CRL	ADSP-21363W / AD21363WBBCZ105	ADSP-21363W / AD21363WBSWZ105	ADSP-21363W / AD21363WYSWZ205
ADSP-21363W / ADW95075Z-05B	ADSP-21363W / ADW95075Z-05BRL	ADSP-21363W / ADW95080Z-05	ADSP-21363W / ADW95080Z-05RL	ADSP-21363W / ADW95126Z-05
ADSP-21363W / ADW95126Z-05RL	ADSP-21366W / 21366W-D0ST05A	ADSP-BF531SSTD / ADSST-SB-1011	ADV7622 / ADV7622BSTZ	ADV7622 / ADV7622BSTZ-RL
ADV7622 / EVAL-ADV7622EB1Z	ADV7623 / ADV7623-D0ST	ADV7623 / ADV7623-DNST	ADV7623 / ADV7623BSTZ	ADV7623 / ADV7623BSTZ-P
ADV7623 / ADV7623BSTZ-P-RL	ADV7623 / ADV7623BSTZ-RL	ADV7623 / EVAL-ADV7623EB1Z		

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	14-May-2013	12-Aug-2013	Initial Release

Analog Devices, Inc.

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