



Product/Process Change Notice - PCN 09_0015 Rev. -

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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 receiving this notification. ADI contact information is listed below.

Revision Description*:

Initial Release

PCN Title: Package Change Notification AD6645, AD9432, AD9433

Publication Date: 09-Feb-2009

Samples Available Date: 31-Mar-2009

Effectivity Date: 10-May-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

The 52 Lead Low Profile Quad Flat Package, Power Quad (SQ package) has become obsolete and is being replaced by the 52 Lead Thin Quad Flat Package, Exposed Pad (SV package) for the AD6645, AD9432, and AD9433 generics. Package outlines are included in the attachment. The models effected and the new part numbers available are in an attached table. All leaded models will be replaced by lead-free models.
Generic AD6645 uses SV 52 1 - attached below
Generics AD9432 and AD9433 use SV 52 2 - attached below

Reason For Change

The assembly capability and package vendor for the SQ package have rendered the package obsolete. The SV package will replace the SQ package.

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

No negative effects expected.

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

Summary of Supporting Information

See table in attachment 6, AD9432-33SV SV Qual Plan as well as attachment 5, AD6645 Reliability Report on SV package.

Comments

We expect to support lead free versions of these products in SQ package until July 2009.

Supporting Documents

Attachment 1: ADI_PCN_09_0015_Rev_-_SV_52_1(6.5pad).pdf

Attachment 2: ADI_PCN_09_0015_Rev_-_SV_52_2(7.3pad).pdf

Attachment 3: ADI_PCN_09_0015_Rev_-_SQ_52_1.pdf

Attachment 4: ADI_PCN_09_0015_Rev_-_SQ to SV Model List.xls

Attachment 5: ADI_PCN_09_0015_Rev_-_AD6645SV QualRQR04687.pdf

Attachment 6: ADI_PCN_09_0015_Rev_-_AD9432-33SV to SQQP 7609.xls

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 Parts - Generic Number / Material Number (14)

AD6645 / AD6645ASQ-105	AD6645 / AD6645ASQ-80	AD6645 / AD6645ASQZ-105	AD6645 / AD6645ASQZ-80	AD6645 / AD80100	AD6645 / AD80100ASQZ-80
AD9432 / AD9432BSQ-105	AD9432 / AD9432BSQ-80	AD9432 / AD9432BSQZ-105	AD9432 / AD9432BSQZ-80	AD9433 / AD9433BSQ-105	AD9433 / AD9433BSQ-125
AD9433 / AD9433BSQZ-105	AD9433 / AD9433BSQZ-125				

Appendix B - Revision History		
Rev	Publish Date	Rev Description
Rev. -	09-Feb-2009	Initial Release