



Product/Process Change Notice - PCN 09_0015 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 receiving this notification. The information contained within this PCN is considered proprietary and should not be shared outside of your company. ADI contact information is listed below.

PCN Title: Package Change Notification AD6645, AD9432, AD9433
Publication Date: 10-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.

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 Models

Added Parts On This Revision - Product Family / Model 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. -	10-Feb-2009	Initial Release

Analog Devices, Inc.

DocId:627 Parent DocId:None