Product/Process Change Notice - PCN 16_0138 Rev. -

ANALOG DEVICES

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 Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

PCN Title: AD5316R, AD5338R, AD5694, AD5694R, AD5695R, AD5696, AD5696R, AD5697R I2C Metal Mask Edit

Publication Date: 08-Jul-2016

Effectivity Date: 06-Oct-2016   *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

AD5316R, AD5338R, AD5694, AD5694R, AD5695R, AD5696, AD5696R, AD5697R I2C metal mask edit.

Reason For Change

To prevent unintentionally generated ACK on 8th byte (or multiple) in multi-slave configuration.

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

This change will result in an improvement in functionality.
There will be no impact on fit, form or reliability.

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

Parts with date-code of 1636 or later will have the new die.

Summary of Supporting Information

Simulations of the new edited design show that the I2C issue has been fixed.
Samples of the new metal mask has been bench-tested to confirm the fix in silicon.

Supporting Documents   None

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.			
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 (36)				
AD5316R / AD5316RBCPZ-RL7	AD5316R / AD5316RBRUZ	AD5316R / AD5316RBRUZ-RL7	AD5338R / AD5338RBCPZ-RL7	AD5338R / AD5338RBRUZ
AD5338R / AD5338RBRUZ-RL7	AD5694 / AD5694ARUZ	AD5694 / AD5694ARUZ-RL7	AD5694 / AD5694BCPZ-RL7	AD5694 / AD5694BRUZ
AD5694 / AD5694BRUZ-RL7	AD5694R / AD5694RARUZ	AD5694R / AD5694RARUZ-RL7	AD5694R / AD5694RBCPZ-RL7	AD5694R / AD5694RBRUZ
AD5694R / AD5694RBRUZ-RL7	AD5695R / AD5695RARUZ	AD5695R / AD5695RARUZ-RL7	AD5695R / AD5695RBCPZ-RL7	AD5695R / AD5695RBRUZ
AD5695R / AD5695RBRUZ-RL7	AD5696 / AD5696ACPZ-RL7	AD5696 / AD5696ARUZ	AD5696 / AD5696ARUZ-RL7	AD5696 / AD5696BCPZ-RL7
AD5696 / AD5696BRUZ	AD5696 / AD5696BRUZ-RL7	AD5696R / AD5696RACPZ-RL7	AD5696R / AD5696RARUZ	AD5696R / AD5696RARUZ-RL7
AD5696R / AD5696RBCPZ-RL7	AD5696R / AD5696RBRUZ	AD5696R / AD5696RBRUZ-RL7	AD5697R / AD5697RBCPZ-RL7	AD5697R / AD5697RBRUZ
AD5697R / AD5697RBRUZ-RL7				

Appendix B - Revision History			
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	08-Jul-2016	06-Oct-2016	Initial Release

Analog Devices, Inc.   DocId:3747   Parent DocId:None   Layout Rev:7