



Product/Process Change Notice - PCN 13_0286 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 publication date. ADI contact information is listed below.

PCN Title: Change in Gate Drive Specification Condition for ADM1275 product
Publication Date: 09-Dec-2013
Effectivity Date: 09-Mar-2014 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Change in the condition for the first two line items in gate pin voltage specification (page 4):

First gate drive spec is 10,12,14 (min,typ,max). Conditions changes only as follows:

From: 17 V \geq VCC \geq 8 V; IGATE = 5 μ A

To: 15 V \geq VCC \geq 8 V; IGATE = 5 μ A

and

second gate drive spec is 4.5,13 (min,max). Conditions changes only as follows:

From: 20 V \geq VCC \geq 17 V; IGATE = 5 μ A

To: 20 V \geq VCC \geq 15 V; IGATE = 5 μ A

Reason For Change

Improve device manufacturability

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

With the exception of any applications running at 15-20V nominal there will be no impact on device fit, form or functionality. Applications running at 15V or above may see a marginal drop in gate voltage, but still within normal operating parameters.

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

The above changes are effective from date code 1410 onwards. ADM1275 Datasheet Rev D contains the updated information.

Summary of Supporting Information

Evaluation testing has been performed to verify new specification conditions.

Supporting Documents None

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 (10)

ADM1275 / ADM1275-1ACPZ	ADM1275 / ADM1275-1ACPZ-R7	ADM1275 / ADM1275-1ARQZ	ADM1275 / ADM1275-1ARQZ-R7	ADM1275 / ADM1275-2ARQZ
ADM1275 / ADM1275-2ARQZ-R7	ADM1275 / ADM1275-3ACPZ	ADM1275 / ADM1275-3ACPZ-R7	ADM1275 / ADM1275-3ARQZ	ADM1275 / ADM1275-3ARQZ-R7

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	09-Dec-2013	09-Mar-2014	Initial Release

Analog Devices, Inc.

DocId:2642 Parent DocId:None Layout Rev:7