



## Product/Process Change Notice - PCN 12\_0327 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:** ADP5065 Metal Mask Revision and Data Sheet Change

**Publication Date:** 31-Jan-2013

**Effectivity Date:** 04-Feb-2013 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

Metal mask change to enable the ADP5065 automatic shutdown function during VIN voltage supply disconnection.

Datasheet edits:

1. Specification parameter change, Maximum Duty Cycle

- From: 93% typ. No min and max

- To: 96% typ. No min and max

2. Disconnecting Supply Voltage at VINx section will be removed.

### Reason For Change

Metal edit to improve maximum duty cycle of the DCDC converter and to enable the ADP5065 automatic shutdown during VIN voltage supply disconnection.

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

There is no change to the fit or form, and the changes described above will have no negative impact on the quality or reliability of the device.

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

This change is effective from dc 1308.

### Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary. This change will be reflected in Rev. D of the ADP5065 data sheet.

### Supporting Documents

**Attachment 1: Type:** Qualification Report Summary

ADI\_PCN\_12\_0327\_Rev\_-\_Qualification Summary.pdf

**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



Appendix A - Affected ADI Models				
Added Parts On This Revision - Product Family / Model Number (1)				
ADP5065 / ADP5065ACBZ-1-R7				

Appendix B - Revision History			
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	31-Jan-2013	04-Feb-2013	Initial Release

Analog Devices, Inc.

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