



## Product/Process Change Notice - PCN 23\_0194 Rev. -

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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.

<b>PCN Title:</b>	RH3845MW-1 / RH3845MW-2 on 16L Cerpack Aluminum Bonding Wire Change
<b>Publication Date:</b>	19-Oct-2023
<b>Effectivity Date:</b>	21-Jan-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Initial Release.

### Description Of Change:

The Aluminum bonding wire for device RH3845MW-1 and RH3845Mw-2 will be changed from 1.0 mil to 1.25 mils. The 1.25 mil Aluminum wire has been previously qualified on other Aerospace devices/products.

### Reason For Change:

Improve the wire bonding process for 3.8 x 3.8 bond pad opening.

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

No effect on fit, function and reliability.

### Summary of Supporting Information:

Qualification will be performed per MIL-PRF-38535, Group B, C and D testing. See attached Qualification Plan.

### Supporting Documents

**Attachment 1: Type:** Qualification Plan

[ADI PCN 23\\_0194 Rev - Qualification Plan RH3845MW.pdf...](#)

Note: If applicable, the device material declaration will be updated due to material change.

### ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:	Europe:	Japan:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_ROA@analog.com

**Appendix A - Affected ADI Models:**

**Added Parts On This Revision - Product Family / Model Number (2)**

RH3845MK / RH3845MW-1

RH3845MK / RH3845MW-2

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	19-Oct-2023	21-Jan-2024	Initial Release.