

**MACOM Technology Solutions Inc.**  
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www.macom.com



22 April 2019

Richardson RFPD, Inc.  
1950 S. Batavia Ave, Suite 100  
Geneva, Illinois 60134  
ATTN: Quality/Purchasing Manager

**Subject:** Change to MAAP-011233 Lid Attach Epoxy  
**PCN #:** PCN-01237

Dear Valued Customer:

The goal of MACOM Technology Solutions is to continually deliver high quality products and services that meet our customers' needs. We strive to offer products that are industry leading in terms of performance, delivery, safety and value.

In accordance with these goals, this communication is to inform you that MACOM is making a change to the following products.

**MAAP-011233**  
**MAAP-011233-TR0500**  
**MAAP-011233-TR1000**

You are receiving this notice because you have purchased one or more of the above products in the past two years. Details of the change are on the following page.

Please contact your local sales representative if you have any questions or require additional information.

Sincerely,

**Graham Board**  
Director- Product Marketing  
MACOM Technology Solutions, Inc.  
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|                                                                                                                            |                                                        |                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>PCN Number:</b> PCN-01237                                                                                               |                                                        | <b>PCN Date:</b> April 22, 2019                                                              |
| <b>Title:</b> Change to MAAP-011233 Lid Attach Epoxy                                                                       |                                                        |                                                                                              |
| <b>Date of change:</b> May 2019<br><b>Proposed last Ship Date:</b>                                                         |                                                        | <b>Estimated Sample Availability/Qualification Completion:</b><br>On request<br>See QTR-0467 |
| <b>Change Classification:</b>                                                                                              |                                                        | <b>Minor</b> <input checked="" type="checkbox"/>                                             |
| <b>Change Type:</b>                                                                                                        |                                                        |                                                                                              |
| Assembly Site <input type="checkbox"/>                                                                                     | Design <input type="checkbox"/>                        | Electrical Specification <input type="checkbox"/>                                            |
| Test Site <input type="checkbox"/>                                                                                         | Assembly Process <input type="checkbox"/>              | Mechanical Specification <input type="checkbox"/>                                            |
| Wafer Process <input type="checkbox"/>                                                                                     | Assembly Materials <input checked="" type="checkbox"/> | Packing/Shipping/Labeling <input type="checkbox"/>                                           |
| <b>PCN Details</b>                                                                                                         |                                                        |                                                                                              |
| <b>Description of Change:</b>                                                                                              |                                                        |                                                                                              |
| A minor change is being made to the lid attach epoxy. The epoxy is being changed from Epo-Tek B9021-15 to Epo-Tek 131-8-1. |                                                        |                                                                                              |
| <b>Reason for Change:</b>                                                                                                  |                                                        |                                                                                              |
| The lid attach epoxy is being changed to increase the lid shear strength of the device.                                    |                                                        |                                                                                              |
| <b>Products Affected:</b>                                                                                                  |                                                        |                                                                                              |
| MAAP-011233<br>MAAP-011233-TR0500<br>MAAP-011233-TR1000                                                                    |                                                        |                                                                                              |
| <b>Anticipated impact on Fit, Form, Function:</b>                                                                          |                                                        |                                                                                              |
| No changes to fit, form, or function. Enhanced product reliability is expected.                                            |                                                        |                                                                                              |
| <b>Changes to product identification resulting from this PCN:</b>                                                          |                                                        |                                                                                              |
| None                                                                                                                       |                                                        |                                                                                              |
| <b>Material Declaration updated due to this change:</b>                                                                    |                                                        | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                          |