

August 20, 2024

Richardson RFPD, Inc.
1950 S. Batavia Ave, Suite 100
Geneva, Illinois 60134

Subject: Change to AuSn Die Attach Process for MACOM RF Power Devices

PCN #: PCN-01753

Dear Valued Customer,

Please accept this PCN letter as formal notification of the change to the MACOM part numbers shown below. Our records show that your company has purchased these products in the past 24 months.

MACOM Part Numbers:

CGH27015F	CGH40025F	CG2H40010F	CGHV40030F
CGH27015P	CGH40025P	CG2H40010P	CGHV40030P
CGH27030F	CGH40035F		
CGH27030P	CGH55015F2		
CGH35015F	CGH55015P2		
CGH35015P	CGH55030F2		
CGH35030F	CGH55030P2		
CGH40010F			
CGH40010P			

SCHEDULE:

See page 2.

Technical details of this change notice follow on the next page(s).

Sincerely,

Bo-L Liljeberg
Quality Manager

408-542-8625 office
bo.liljeberg@macom.com

Customers should acknowledge receipt of the PCN within 30 days of delivery of the PCN. Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change. After acknowledgement, lack of additional response within the 90 day period constitutes acceptance of the change.

PCN Number: PCN-01753		PCN Date: August 20, 2024	
Title: Change to AuSn Die Attach Process for MACOM RF Power Devices			
Proposed 1st Ship Date:	See below "Products Affected".	Estimated Sample Availability	See below.
Proposed last Ship Date:	When current wafer supply is depleted.	Qualification Completion:	Completed.
Change Classification:	Major <input type="checkbox"/>	Minor <input checked="" type="checkbox"/>	
Change Type:			
Assembly Site <input type="checkbox"/>	Design <input type="checkbox"/>	Electrical Specification <input type="checkbox"/>	
Test Site <input type="checkbox"/>	Assembly Process <input checked="" type="checkbox"/>	Mechanical Specification <input type="checkbox"/>	
Test Process <input type="checkbox"/>	Assembly Materials <input type="checkbox"/>	Packing/Shipping/Labeling <input type="checkbox"/>	
PCN Details			
Description of Change:			
Change from die attach with AuSn preform, to die attach with wafer backside containing AuSn metallization.			
Reason for Change:			
Increase of production capacity.			
Products Affected:			
MACOM Part Numbers and Proposed first Ship Date: CGH27015F, Sep 2024 CGH27015P, Sep 2024 CGH27030F, Sep 2024 CGH27030P, Sep 2024 CGH35015F, Sep 2024 CGH35015P, Sep 2024 CGH35030F, Sep 2014 CGH40010F, Sep 2024 CGH40010P, Sep 2024 CGH40025F, Sep 2024 CGH40025P, Sep 2024 CGH40035F, Sep 2024 CGH55015F2, Sep 2024 CGH55015P2, Sep 2024 CGH55030F2, Sep 2024 CGH55030P2, Sep 2024 CG2H40010F, Oct 2024 CG2H40010P, Oct 2024 CGHV40035F, Jan 2025 CGHV40030P, Jan 2025			

Anticipated impact on Fit, Form, Function:	
No impact identified on form, fit, or function, including reliability (see separate reliability test report).	
Changes to product identification resulting from this PCN:	
No change to production identification. Traceability to die attach process is available through the lot number.	
Material Declaration updated due to this change:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>