





# Process/Product Change Notification (PCN)

## General PCN Information

PCN # 24-0036	Addition of SOT-89 Assembly CM		PCN Date	Mar 14, 2024 <b>Revised July 17, 2024</b>
Initiator	Kenechi Agbim		Date	Mar 14, 2024
Post to PCN Alert?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	E-mail	PCNresponse@qorvo.com
Type of Change:	<input checked="" type="checkbox"/> Major	<input type="checkbox"/> Minor	<input type="checkbox"/> Obsolescence	
Change Affects	<input checked="" type="checkbox"/> Form <input type="checkbox"/> Fit <input type="checkbox"/> Function <input type="checkbox"/> Reliability <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Other: BoM and Assembly Subcon Change			
<b>Description of Change:</b> Qorvo has added an alternate offshore assembly contract manufacturer (CM) for various products in the SOT-89 package. The backside outline drawing is slightly different but complies with JEDEC TO-243 AA, unless otherwise noted in the drawing. Change of Die attach epoxy, mold compound material & leadframe. MSL rating will update from MLS5a to MSL3. Contact plating changing to matte Sn.				
<b>Reason for Change:</b> Additional capacity & improved MSL compliancy. For supply risk mitigation purposes to ensure uninterrupted supply and provide world class customer service delivery performance.				
<b>Detail of potential impact to customer:</b> Please follow appropriate handling procedures for MSL3 per JEDEC standard IPC/JEDEC J-STD-020. The customer's PCB land-pattern for the products is not expected to change.				
<b>Affected Products:</b> SBB2089Z, SBB3089Z, SBB4089Z, SBB5089Z, TQP369182, TQP369185, TQP3M9007, TQP3M9008, TQP3M9009, TQP3M9028, TQP7M9101, TQP7M9102, TQP7M9103, TQP7M9105				
<b>Comments and/or Supporting Data:</b> Click on attached icons to view POD Comparison and Qual Report:  				

## The following only applies to Major and Minor Changes

<b>Affected Product Specification</b> (if applicable):	No change to electrical specs. The database will be updated with new POD, MSL rating and contact plating. POD comparison is attached.
<b>Qualification Plan or Data</b> (if applicable):	Qual report is attached.
<b>Customer Samples Available</b> (if applicable):	May 31, 2024: Samples available upon request. Please contact Kenechi Agbim (kenechi.agbim@qorvo.com) & reference this PCN # in the request.
<b>Qualification Results Available</b> (if applicable):	N/A
<b>Planned First Ship Date:</b>	Jul 30, 2024: On this date or later, based on material availability.
<b>Identification of Changed Product</b> (if applicable):	Traceability will be maintained in Qorvo internal traceability system.

**Customer Acknowledgement/Responses:** All Customer responses must be sent via e-mail to PCNResponse@qorvo.com. When replying, please include the PCN number in subject line. 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. Any concerns, sample order response, or a request for further information must be provided within the acknowledgement period. If additional time is required to determine if samples or additional data is required, the customer must submit this request along with the acknowledgement response and state when they expect to complete their review. After acknowledgement, lack of additional response prior to the planned first ship date constitutes acceptance of the change. If the customer requires additional time to perform sample testing, beyond the stated planned first ship date, an extension must be negotiated with Qorvo. Acceptance of the PCN prior to the planned first ship date is considered approval to begin shipments early. Any contractual PCN agreements made with Qorvo supersede these requirements.

Qorvo  
7628 Thorndike Road  
Greensboro, NC 27409-9421  
Customer Service Phone: 336.678.5570  
E-mail (PCN Related Correspondence Only): [PCNResponse@qorvo.com](mailto:PCNResponse@qorvo.com)  
<http://www.qorvo.com>



# Process Change Notification (PCN) Form

Revision Date	Description of Change	Initiator of Change
03/14/2024	Original Document	Brigitte Hudson
04/22/2024	Revised: Corrections made to "Current Subcon vs New Subcon PoD Comparison" document.	Brigitte Hudson
05/17/2024	Removed affected products QPA7489A and QPA5389A from PCN. They are being EOL'd on PCN-24-0068.	Tamara Bassam
07/17/2024	Revised: Added contact plating information to Description of Change and Affected Product Specifications.	Brigitte Hudson