



Process/Product Change Notification (PCN)

General PCN Information

PCN # 21-0007	Alternate source for wafer bumping	PCN Date	Jan 8, 2021
Initiator	Robert Smith	Date	Jan 8, 2021
Post to PCN Alert?	☒ Yes ☐ No	E-mail	PCNresponse@qorvo.com
Type of Change:	☒ Major ☐ Minor	☐ Obsolescence	
Change Affects	☐ Form ☐ Fit ☐ Function ☐ Reliability ☐ N/A ☒ Other: Wafer Bump Alternate Source		

Description of Change: Adding an alternate source for wafer bumping process for the below products. No change to form, fit, function. Qual plans have been defined to validate there is no negative impact to reliability.

Reason for Change: Due to the US government ban with current source, the bump process cannot be used by Qorvo from this subcontract manufacturer. Qorvo is taking this action to provide supply assurance as a result of this imposed ban.

Detail of potential impact to customer: None anticipated

Affected Products:

Mobile Products: QM22450, QM22450A, QM55001, QM74001, QM77032, QM77038, QM77042, QM77043, QM78121,
IDP Products: QPF4230, QPG7015M, QPQ2455, QPQ2456

Comments and/or Supporting Data:

The following only applies to Major and Minor Changes

Affected Product Specification (if applicable): N/A

Qualification Plan or Data (if applicable): Qualification plan and/or results are available upon request from Qorvo. Contact:
Haibin Xiao: Haibin.Xiao@qorvo.com for the listed Mobile Products
Sandra Holt: Sandra.Holt@qorvo.com for the listed IDP Products

Customer Samples Available (if applicable): Contact Qorvo for sample availability dates and for sample ordering.
Haibin Xiao: Haibin.Xiao@qorvo.com for the listed Mobile Products
Sandra Holt: Sandra.Holt@qorvo.com for the listed IDP Products

Qualification Results Available (if applicable): Qualification completion date, and results are available upon request.
Contact:
Haibin Xiao: Haibin.Xiao@qorvo.com for the listed Mobile Products
Sandra Holt: Sandra.Holt@qorvo.com for the listed IDP Products

Planned First Ship Date: Planned First Ship Date will vary by part number. Contact the following for details:
Haibin Xiao: Haibin.Xiao@qorvo.com for the listed Mobile Products
Sandra Holt: Sandra.Holt@qorvo.com for the listed IDP Products

Identification of Changed Product (if applicable): No change to Product Identification. Traceability to manufacturing sites is maintained in Qorvo's internal manufacturing systems.

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.

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