



Process/Product Change Notification (PCN)

General PCN Information

PCN # 21-0116	TGA2237-SM Package Enhancement	PCN Date	May 27, 2021
Initiator	Paul Prudhomme	Date	May 27, 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:		

Description of Change: TGA2237-SM package changes. Lid material change from LCP to FR4, lid attach epoxy change. Bottom package surface modifications: addition of solder dam feature, thinner gold plating on bottom surface. Package thickness increase.

Reason for Change: Package changes to enhance robustness.

Detail of potential impact to customer: None expected.

Affected Products: TGA2237-SM

Comments and/or Supporting Data:

The following only applies to Major and Minor Changes

Affected Product Specification (if applicable): Package thickness marginal increase from 1.45mm to 1.596mm. Datasheet will be revised to document the package changes. No change to electrical specifications. No change to package pin-out. Drop-in compatible to existing package.

Qualification Plan or Data (if applicable): Available on request

Customer Samples Available (if applicable): Jul 29, 2021: Sample material, order TGA2237-SMS2. Production material, order TGA2237-SM.

Qualification Results Available (if applicable): Aug 31, 2021:

Planned First Ship Date: Sep 13, 2021: Potential for earlier shipment with customer acceptance.

Identification of Changed Product (if applicable): New lid material will appear different than current material. Traceability to changed product 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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