



Process/Product Change Notification (PCN)

General PCN Information

PCN # 22-0030	TGS2355-SM Lid Material Change		PCN Date	Feb 18, 2022
Initiator	James Cheng		Date	Feb 18, 2022
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: Lid material has changed from plastic LCP to epoxy-glass FR4 material.
Lid attach epoxy has also changed. Total package thickness increases from 1.448mm nominal to 1.563mm nominal.

Reason for Change: The present lid is susceptible to mechanical distortion. This has been observed following the solder attach reflow process. The new lid is inherently more tolerant to reflow oven temperatures and maintains its' mechanical shape.

Detail of potential impact to customer: No impact

Affected Products: TGS2355-SM

Comments and/or Supporting Data:

The following only applies to Major and Minor Changes

Affected Product Specification (if applicable): TGS2355-SM datasheet will be revised accordingly

Qualification Plan or Data (if applicable): N/A

Customer Samples Available (if applicable): Feb 25, 2022: Please contact James Cheng at james.cheng@qorvo.com.

Qualification Results Available (if applicable): Feb 25, 2022: Qualification report is available upon request.

Planned First Ship Date: May 25, 2022:

Identification of Changed Product (if applicable): Traceability to die attach used 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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