



# Process/Product Change Notification (PCN)

| General PCN Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                             |                                 |
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| PCN # 25-0085                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Product Obsolescence                                                                                                                          |                             | PCN Date<br>May 29, 2025        |
| Initiator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Reilly Martinez                                                                                                                               |                             | Date<br>Mar 24, 2025            |
| Post to PCN Alert?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> Yes                                                                                                       | <input type="checkbox"/> No | E-mail<br>PCNresponse@qorvo.com |
| Type of Change:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Major                                                                                                                |                             | <input type="checkbox"/> Minor  |
| Change Affects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Obsolescence                                                                                              |                             |                                 |
| <input type="checkbox"/> Form <input type="checkbox"/> Fit <input type="checkbox"/> Function <input type="checkbox"/> Reliability <input type="checkbox"/> N/A<br><input type="checkbox"/> Other:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |                             |                                 |
| <b>Description of Change:</b> TGC4510-SM will be replaced by QPC4510; TGC4610-SM will be replaced by QPC4610. Only change the package design and no change in die.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                               |                             |                                 |
| <b>Reason for Change:</b> The new replacement products have improved package reliability. Product is identical performance-wise: form/fit/function.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                               |                             |                                 |
| <b>Detail of potential impact to customer:</b> Customers will need to place orders by Last Time Buy date provided.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                               |                             |                                 |
| <b>Affected Products:</b> TGC4510-SM, TGC4610-SM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                               |                             |                                 |
| <b>Comments and/or Supporting Data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                             |                                 |
| <b>The following only applies to Major and Minor Changes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                               |                             |                                 |
| <b>Affected Product Specification</b> (if applicable): Refer to new QPC4510 and QPC4610 datasheets.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                               |                             |                                 |
| <b>Qualification Plan or Data</b> (if applicable):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                               |                             |                                 |
| <b>Customer Samples Available</b> (if applicable): Mar 28, 2025: Samples available for QPC4510 and QPC4610. Please contact Reilly Martinez (reilly.martinez@qorvo.com) for control samples.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                               |                             |                                 |
| <b>Qualification Results Available</b> (if applicable): Mar 28, 2025: Qual report available upon request                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                               |                             |                                 |
| <b>Planned First Ship Date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                               |                             |                                 |
| <b>Identification of Changed Product</b> (if applicable): Marking changing from TGC4510-SM to QPC4510; Marking changing from TGC4610-SM to QPC4510.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                               |                             |                                 |
| <b>The following only applies to Obsolescence Notifications</b><br>Any purchase orders issued for end of life (EOL) products identified in this PCN are non-cancellable, non-returnable (NCNR).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                               |                             |                                 |
| <b>Last Time Buy Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Nov 9, 2025 -- Customer can place last-time buy orders on existing products. Recommending the customer move to improved replacement products. |                             |                                 |
| <b>Last Time Ship Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | May 9, 2026 --                                                                                                                                |                             |                                 |
| <b>Alternate Part Recommendation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TGC4510-SM: QPC4510 is the recommended replacement.<br>TGC4610-SM: QPC4610 is the recommended replacement.                                    |                             |                                 |
| <b>Customer Acknowledgement/Responses:</b> 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. |                                                                                                                                               |                             |                                 |
| <b>Qorvo</b><br>7628 Thorndike Road<br>Greensboro, NC 27409-9421<br>Customer Service Phone: 336.678.5570<br>E-mail (PCN Related Correspondence Only): <a href="mailto:PCNResponse@qorvo.com">PCNResponse@qorvo.com</a><br><a href="http://www.qorvo.com">http://www.qorvo.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |                             |                                 |