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|-----------------------------|----------------------|----------------------------|--------------------|
| <b>Notification Number:</b> | <b>20260929003.0</b> | <b>Notification Issued</b> | September 29, 2026 |
| Datasheet for BQ25756       |                      |                            |                    |

|                       |                                     |
|-----------------------|-------------------------------------|
| <b>Change Type(s)</b> | Data Sheet/Electrical Specification |
|-----------------------|-------------------------------------|

### Notification Details

|                                                                                                                                                                                                      |                                                                |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------|
| <b>Description of Change:</b>                                                                                                                                                                        |                                                                |                          |
| Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized below. The following change history provides further details. |                                                                |                          |
|                                                                                                                     | <b>BQ25756</b><br>SLUSEN5A – AUGUST 2023 – REVISED AUGUST 2026 |                          |
| <b>Changes from Revision * (August 2023) to Revision A (August 2026)</b>                                                                                                                             |                                                                | <b>Page</b>              |
| • Removed mentions of buck-only mode.....                                                                                                                                                            |                                                                | 1                        |
| • Added "When the converter is disabled, the DRV_SUP supply needs to be disabled such that BTST1/BTST2 and DRV_SUP pins are not biased.".....                                                        |                                                                | 21                       |
| • Added <a href="#">Section 6.3.3.4</a> .....                                                                                                                                                        |                                                                | 22                       |
| • Removed the CV Timer from the datasheet.....                                                                                                                                                       |                                                                | 23                       |
| • Removed Perturb and Observe Mode.....                                                                                                                                                              |                                                                | 29                       |
| • Updated Reverse Mode Power Direction section.....                                                                                                                                                  |                                                                | 30                       |
| • Renamed instances of VSYS_REV to VAC_REV. Clarified MPPT registers. ....                                                                                                                           |                                                                | 37                       |
| • Clarified layout guidelines.....                                                                                                                                                                   |                                                                | 71                       |
| The datasheet number will be changing.                                                                                                                                                               |                                                                |                          |
| Device Family                                                                                                                                                                                        | Change From:                                                   | Change To:               |
| BQ25756                                                                                                                                                                                              | SLUSEN5                                                        | <a href="#">SLUSEN5A</a> |
| These changes may be reviewed at the datasheet links provided.                                                                                                                                       |                                                                |                          |
| <a href="http://www.ti.com/product/BQ25756">http://www.ti.com/product/BQ25756</a>                                                                                                                    |                                                                |                          |
| <b>Reason for Change:</b>                                                                                                                                                                            | To accurately reflect device characteristics                   |                          |
| <b>Anticipated impact on Form, Fit, Function, Quality or Reliability:</b>                                                                                                                            | None                                                           |                          |
| <b>Changes to product identification resulting from this PCN:</b>                                                                                                                                    | None                                                           |                          |

|                           |               |  |  |
|---------------------------|---------------|--|--|
| <b>Products Affected:</b> |               |  |  |
| BQ25756RRVR               | BQ25756RRVR.A |  |  |

In performing change qualifications, Texas Instruments follows integrated circuit industry standards in performing defect mechanism analysis and failure mechanism-based accelerated environmental testing to ensure wafer fab process, assembly process and product quality and reliability. As encouraged by these standards, TI uses both product-specific and generic (family) data in qualifying its changes. For devices to be categorized as a 'product qualification family' for generic data purposes, they must share similar product, wafer fab process and assembly process elements. The applicability of generic data (also known at TI as Qualification by Similarity (QBS)) is determined by the Reliability Engineering function following these industry standards. Generic data is shown in the qualification report in columns titled "QBS Process" (for wafer fab process), "QBS Package" (for assembly process) and "QBS Product" (for product family).

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