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|--------------------------|--------------------------|------------------|------------------|
| PCN Number: | 20240520003.0 | PCN Date: | May 24, 2024 |
| Title: | Datasheet for AWR2943/44 | | |
| Customer Contact: | Change Management team | Dept: | Quality Services |
| Change Type: | Electrical Specification | | |

PCN Details

Description of Change:

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.



AWR2943, AWR2944
SWRS273B – NOVEMBER 2021 – REVISED MAY 2024

Changes from March 31, 2023 to May 10, 2024 (from Revision A (March 2023) to Revision B (May 2024))

| | Page |
|---|------|
| • (Title): Updated '76- and 81-GHz' to '76 to 81GHz' | 0 |
| • (Features) : Updated 5GHz available bandwidth to over 4GHz continuous bandwidth..... | 1 |
| • (Functional Block Diagram): Updated the diagram to add ADC buffer size..... | 4 |
| • (Pin Diagram): Added overline on all instances of SPI and QSPI chip select..... | 8 |
| • (Pin Attributes): Added overline on all instances of SPI and QSPI chip select..... | 13 |
| • (Signal Descriptions - Digital): Added overline on all instances of SPI and QSPI chip select..... | 25 |
| • (Absolute Maximum Ratings): Moved temp sensor accuracy to this section from RF Specification..... | 34 |
| • (VPP specification) : New section added with VPP specifications..... | 36 |
| • (VPP specification) : Duration of VPP supply updated..... | 36 |
| • (RF Specifications): Updated 1dB compression point and ADC resolution values..... | 39 |
| • (Power Supply Sequencing): Added overline on all instances of SPI and QSPI chip select..... | 41 |
| • (Ethernet Switch (RGMII/RMII/MII)):Removed instance of "TBD" | 53 |
| • (Functional Block Diagram): Updated the diagram to add ADC buffer size..... | 68 |

The datasheet number will be changing.

| | | |
|---------------|--------------|-----------------|
| Device Family | Change From: | Change To: |
| AWR2943/44 | SWRS273A | SWRS273B |

These changes may be reviewed at the datasheet links provided.
<http://www.ti.com/product/AWR2943>

Reason for Change:

To accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device

Changes to product identification resulting from this PCN:

None.

Product Affected:

| | | | |
|-----------------|------------------|-----------------|------------------|
| AWR2943ABGALTQ1 | AWR2943ABGALTRQ1 | AWR2944ABGALTQ1 | AWR2944ABGALTRQ1 |
|-----------------|------------------|-----------------|------------------|

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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