



## Product Change Notification / CAAN-29JMCM036

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**Date:**

14-Mar-2024

**Product Category:**

Memory

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 6548 Final Notice: Qualification of 36.5K process technology for AT25640B-SSHL-B, AT25640B-XHL-B, AT25640B-SSHL-T, AT25640B-XHL-T, AT25640B-MAHL-T and AT25640B-MAHL-E catalog part numbers (CPN).

**Affected CPNs:**

[CAAN-29JMCM036\\_Affected\\_CPN\\_03142024.pdf](#)

[CAAN-29JMCM036\\_Affected\\_CPN\\_03142024.csv](#)

**Notification Text:**

**PCN Status:**Final Notification

**PCN Type:**Manufacturing Change

**Microchip Parts Affected:**Please open one of the files found in the Affected CPNs section.

Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:**Qualification of 36.5K process technology for AT25640B-SSHL-B, AT25640B-XHL-B, AT25640B-SSHL-T, AT25640B-XHL-T, AT25640B-MAHL-T and AT25640B-MAHL-E catalog part numbers (CPN).

**Pre and Post Change Summary:**

|  | Pre Change | Post Change |
|--|------------|-------------|
|--|------------|-------------|

|                              |                                      |                                      |                                      |
|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Wafer Technology</b>      | 35.8K wafer technology               | 35.8K wafer technology               | 36.5K wafer technology               |
| <b>Fabrication Location</b>  | Microchip Technology Colorado (MCSO) | Microchip Technology Colorado (MCSO) | Microchip Technology Colorado (MCSO) |
| <b>Wafer Diameter</b>        | 6 inches                             | 6 inches                             | 6 inches                             |
| <b>Quality certification</b> | ISO-9001 / IATF16949/ ISO-14001      | ISO-9001 / IATF16949/ ISO-14001      | ISO-9001 / IATF16949/ ISO-14001      |

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying additional process technology.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**May 10, 2024 (date code: 2419)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

**Time Table Summary:**

|                               | August 2023 |        |        |        |        |   | March 2024 |    |    |    |    |   | May 2024 |    |    |    |    |
|-------------------------------|-------------|--------|--------|--------|--------|---|------------|----|----|----|----|---|----------|----|----|----|----|
| Workweek                      | 3<br>1      | 3<br>2 | 3<br>3 | 3<br>4 | 3<br>5 | > | 10         | 11 | 12 | 13 | 14 | > | 18       | 19 | 20 | 21 | 22 |
| Initial PCN Issue Date        |             |        |        |        | x      |   |            |    |    |    |    |   |          |    |    |    |    |
| Qual Report Availability      |             |        |        |        |        |   |            | x  |    |    |    |   |          |    |    |    |    |
| Final PCN Issue Date          |             |        |        |        |        |   |            | x  |    |    |    |   |          |    |    |    |    |
| Estimated Implementation Date |             |        |        |        |        |   |            |    |    |    |    |   |          | x  |    |    |    |

**Method to Identify Change:**Traceability code

**Qualification Report:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:** August 31, 2023: Issued initial notification.

March 14, 2024: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on May 10, 2024.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

## **Attachments:**

[PCN\\_CAAN-29JMCM036\\_Qualification Report.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

## **Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

- AT25640B-SSHL-B
- AT25640B-XHL-B
- AT25640B-SSHL-T
- AT25640B-XHL-T
- AT25640B-MAHL-T
- AT25640B-MAHL-E