



Product Change Notification / CAAN-29JMCM036

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
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Wafer Technology	35.8K wafer technology	35.8K wafer technology	36.5K wafer technology
Fabrication Location	Microchip Technology Colorado (MCSO)	Microchip Technology Colorado (MCSO)	Microchip Technology Colorado (MCSO)
Wafer Diameter	6 inches	6 inches	6 inches
Quality certification	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 1	3 2	3 3	3 4	3 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.

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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