



Product Change Notification / MFOL-15TXHK317

Date:

16-May-2024

Product Category:

8-Bit Microcontrollers, Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6974 Final Notice: Qualification of 36.5K process technology for selected products of the 25AA320Axx, 25LC320Axx, and AT25320Bxx device families.

Affected CPNs:

[MFOL-15TXHK317_Affected_CPN_05162024.pdf](#)
[MFOL-15TXHK317_Affected_CPN_05162024.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 selected products of the 25AA320Axx, 25LC320Axx, and AT25320Bxx device families.

Pre and Post Change Summary:

	Pre Change	Post Change
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Fabrication Location	Microchip Technology Colorado – Fab 5 (MCSO)	Microchip Technology Tempe – Fab 2 (TMGR)	Microchip Technology Colorado – Fab 5 (MCSO)		Microchip Technology Tempe – Fab 2 (TMGR)
Wafer Technology	35.8k	160K	35.8k	36.5k	160K
Device Families	AT25320B	25LC320A 25AA320A	AT25320B	25LC320A 25AA320A AT25320B	25LC320A 25AA320A
Wafer Diameter	6 inches	8 inches	6 inches		8 inches
Quality certification	ISO-9001 IATF16949 ISO-14001	IATF16949	ISO-9001 IATF16949 ISO-14001		IATF16949

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:July 09, 2024 (date code: 2428)

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

Time Table Summary:

	May 2024						>	July 2024				
Workweek	18	19	20	21	22			27	28	29	30	31
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:May 16, 2024: Issued final notification.

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

Attachments:

[PCN_MFOL-15TXHK317_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)

AT25320B-MAHL-E
AT25320B-MAHL-T
AT25320B-XHL-B
AT25320B-XHL-T
AT25320B-SSHL-B
AT25320B-SSHL-T
25AA320AT-I/MNY
25LC320AT-E/MNY
25LC320AT-I/MNY
25LC320AXT-I/ST
25LC320AXT-E/ST
25LC320AX-I/ST
25AA320AXT-I/ST
25AA320AX-I/ST
25AA320A-I/STB22
25AA320AT-I/ST
25LC320AT-E/ST
25AA320AT-I/STB22
25LC320AT-I/ST
25AA320A-I/ST
25LC320A-I/ST
25LC320A-E/P
25AA320A-I/P
25LC320A-I/P
25AA320AT-I/SNB22
25AA320A-I/SNB22
25AA320A-I/SN
25LC320AT-E/SN
25LC320A-E/SN
25LC320A-I/SN
25AA320AT-I/SN
25LC320AT-I/SN
25LC320AT-H/SN
25LC320A-H/SN
25AA320A-I/MS
25LC320A-I/MS
25LC320A-E/MS
25AA320AT-I/MS
25LC320AT-I/MS
25LC320AT-E/MS