



Product Change Notification: BLAS-21PMOJ336

Date:

25-Nov-2024

Product Category:

Memory

Notification Subject:

CCB 7281 Initial Notice: Qualification of 36.5K process technology for selected products of the 25AA080C, 25AA080D, 25AA160C, 25AA160D, 25LC080C, 25LC080D, 25LC160C, 25LC160D, AT25080B and AT25160B device families.

Affected CPNs:

[BLAS-21PMOJ336_Affected_CPN_11252024.pdf](#)

[BLAS-21PMOJ336_Affected_CPN_11252024.csv](#)

PCN Status: Initial 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 25AA080C, 25AA080D, 25AA160C, 25AA160D, 25LC080C, 25LC080D, 25LC160C, 25LC160D, AT25080B and AT25160B device families.

Pre and Post Summary Changes:

	Pre Change		Post Change	
Fabrication Location	Microchip Technology Tempe – Fab 2 (TMGR)	Microchip Technology Colorado (MCSO)	Microchip Technology Tempe – Fab 2 (TMGR)	Microchip Technology Colorado (MCSO)

Wafer Technology	160K	35.8K	160K	35.8K	36.5K
Wafer Diameter	8 inches	6 inches	8 inches	6 inches	

Impacts to Datasheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated Qualification Completion Date: April 2025

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Timetable Summary:

	November 2024					>	April 2024				
Work Week	44	45	46	47	48		14	15	16	17	18
Initial PCN Issue Date					x						
Qual Report Availability								x			
Final PCN Issue Date								x			

Method to Identify Change: Traceability Code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History: November 26, 2024: Issued initial notification.

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

Attachments:

[PCN_BLAS-21PM0J336_Qual Plan.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)

AT25080B-MAHL-T
AT25080B-MAHL-E
AT25160B-MAHL-T
AT25160B-MAHL-E
25LC160D-E/ST
25AA160D-E/ST
25LC160D-I/ST
25AA160D-I/ST
25LC160DT-I/ST
25AA160DT-I/ST
25LC160DT-E/ST
25AA160DT-E/ST
25LC080D-E/ST
25LC080D-I/ST
25AA080D-I/ST
25LC080DT-I/ST
25AA080DT-I/ST
25LC080DT-E/ST
25LC080C-E/SN
25LC080C-I/SN
25AA080C-I/SN
25LC080CT-I/SN
25AA080CT-I/SN
25LC080CT-E/SN
25LC080C-E/MNY
25LC080C-I/MNY
25AA080C-I/MNY
25LC080CT-I/MNY
25AA080CT-I/MNY
25LC080CT-E/MNY
25LC160C-E/ST
25LC160C-I/ST
25AA160C-I/ST
25LC160CT-I/ST
25AA160CT-I/ST
25LC160CT-E/ST
25LC160D-E/SN
25AA160D-E/SN
25LC160D-I/SN
25AA160D-I/SN
25LC160DT-I/SN
25AA160DT-I/SN
25LC160DT-E/SN
25AA160DT-E/SN
25LC080D-E/SN
25LC080D-I/SN

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~~25AA080D-I/SN~~

25LC080DT-I/SN

25AA080DT-I/SN

25LC080DT-E/SN

25LC160C-E/SN

25LC160C-I/SN

25AA160C-I/SN

25LC160CT-I/SN

25AA160CT-I/SN

25LC160CT-E/SN

25LC080C-E/ST

25LC080C-I/ST

25AA080C-I/ST

25LC080CT-I/ST

25AA080CT-I/ST

25LC080CT-E/ST

25LC160C-E/MNY

25LC160C-I/MNY

25AA160C-I/MNY

25LC160CT-I/MNY

25AA160CT-I/MNY

25LC160CT-E/MNY

25LC080D-E/MNY

25LC080D-I/MNY

25AA080D-I/MNY

25LC080DT-I/MNY

25LC160C-I/MS

25AA160C-I/MS

25LC160CT-I/MS

25AA160CT-I/MS

25LC160CT-E/MS

25LC080C-E/MS

25LC080C-I/MS

25AA080C-I/MS

25LC080CT-I/MS

25AA080CT-I/MS

25LC080CT-E/MS

25LC160D-E/MS

25AA160D-E/MS

25LC160D-I/MS

25AA160D-I/MS

25LC160DT-I/MS

25AA160DT-I/MS

25LC160DT-E/MS

25AA160DT-E/MS

25LC160D-E/P

25AA160D-E/P

25LC160D-I/P

25AA160D-I/P

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25LC080D-E/P
25LC080D-I/P
25AA080D-I/P
25LC160C-E/P
25LC160C-I/P
25AA160C-I/P
25LC080C-E/P
25LC080C-I/P
25AA080C-I/P
AT25080B-XHL-B
AT25080B-XHL-T
AT25160B-SSHL-B
AT25160B-SSHL-T
AT25080B-SSHL-B
AT25080B-SSHL-T
AT25160B-XHL-B
AT25160B-XHL-T
25AA080DT-I/MNY
25LC080DT-E/MNY
25LC160D-E/MNY
25LC160D-I/MNY
25AA160D-I/MNY
25LC160DT-I/MNY
25AA160DT-I/MNY
25LC160DT-E/MNY
25AA160DT-E/MNY
25LC160D-H/SN
25LC160DT-H/SN
25LC080D-H/SN
25LC080DT-H/SN
25LC160C-H/SN
25LC160CT-H/SN
25LC080C-H/SN
25LC080CT-H/SN
25LC080D-E/MS
25LC080D-I/MS
25AA080D-I/MS
25LC080DT-I/MS
25AA080DT-I/MS
25LC080DT-E/MS
25LC160C-E/MS