



Product Change Notification / RMES-16MJGC219

Date:

17-Sep-2021

Product Category:

8-bit Microcontrollers, Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4098 Final Notice: Qualification of 36.5K process technology for selected products of the 25AA640A and 25LC640A device families.

Affected CPNs:

[RMES-16MJGC219_Affected_CPN_09172021.pdf](#)
[RMES-16MJGC219_Affected_CPN_09172021.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 25AA640A and 25LC640A device families.

Pre and Post Change Summary:

	Pre Change	Post Change	
Wafer Technology	160K wafer technology	160K wafer technology	36.5K wafer technology

Fabrication Location	Microchip Fabrication Sites FAB 2 and FAB4 (Tempe, AZ and Gresham, OR, USA)	Microchip Fabrication Sites FAB 2 and FAB4 (Tempe, AZ and Gresham, OR, USA)	Microchip Technology Colorado – Fab 5 (MCSO)
Wafer Diameter	8 inches (200 mm)	8 inches (200 mm)	6 inches (150mm)
Quality certification	ISO/TS16949	ISO/TS16949	ISO/TS16949

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying an additional fabrication site.

Change Implementation Status: In Progress

Estimated First Ship Date:

December 01, 2021 (date code: 2149)

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

Time Table Summary:

	September 2021					>	December 2021			
	36	37	38	39	40		49	50	51	52
Final PCN Issue Date			X							
Qual Report Availability			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: September 17, 2021: 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_RMES-16MJGC219_Qual_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)

25AA640A-E/MF
25AA640A-E/MS
25AA640A-E/P
25AA640A-E/SN
25AA640A-E/ST
25AA640A-I/MF
25AA640A-I/MS
25AA640A-I/P
25AA640A-I/SN
25AA640A-I/ST
25AA640AT-E/MF
25AA640AT-E/MNY
25AA640AT-E/MS
25AA640AT-E/SN
25AA640AT-E/ST
25AA640AT-I/MNY
25AA640AT-I/MS
25AA640AT-I/SN
25AA640AT-I/ST
25AA640AX-I/ST
25AA640AXT-I/ST
25LC640A-E/MF
25LC640A-E/MS
25LC640A-E/P
25LC640A-E/SN
25LC640A-E/ST
25LC640A-H/SN
25LC640A-I/MF
25LC640A-I/MS
25LC640A-I/P
25LC640A-I/SN
25LC640A-I/ST
25LC640AT-E/MNY
25LC640AT-E/MS
25LC640AT-E/SN
25LC640AT-E/ST
25LC640AT-H/SN
25LC640AT-I/MNY
25LC640AT-I/MS
25LC640AT-I/SN
25LC640AT-I/ST
25LC640AX-E/ST
25LC640AX-I/ST
25LC640AXT-E/ST
25LC640AXT-I/ST