



Product Change Notification / RMES-05LTHK605

Date:

05-Aug-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

eSign # E000123576: Qualification of 66.88K wafer technology for AT24C256C-XHL-B, AT24C256C-XHL-T, AT24C256C-SSHL-B, AT24C256C-SSHL-T, AT24C256C-MAHL-T and AT24C256C-MAHL-E catalog part numbers (CPN) available in 8L TSSOP (4.4mm), 8L SOIC (3.90mm) and 8L UDFN (2x3x0.6mm) packages at UMC Fab 8D fabrication site.

Affected CPNs:

[RMES-05LTHK605_Affected_CPN_08052022.pdf](#)

[RMES-05LTHK605_Affected_CPN_08052022.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 66.88K wafer technology for AT24C256C-XHL-B, AT24C256C-XHL-T, AT24C256C-SSHL-B, AT24C256C-SSHL-T, AT24C256C-MAHL-T and AT24C256C-MAHL-E catalog part numbers (CPN) available in 8L TSSOP (4.4mm), 8L SOIC (3.90mm) and 8L UDFN (2x3x0.6mm) packages at UMC Fab 8D fabrication site.

Pre and Post Change Summary:

	Pre Change	Post Change	
Wafer Technology	35.8k wafer technology	35.8k wafer technology	66.88K wafer technology
Fabrication Location	Microchip Fabrication Site FAB 5 (Colorado Springs, CO USA)	Microchip Fabrication Site FAB 5 (Colorado Springs, CO USA)	UMC Fab 8D (Hsin-Chu, Taiwan)
Wafer Diameter	6 inches (150 mm)	6 inches (150 mm)	8 inches (200 mm)
Quality certification	ISO/TS16949	ISO/TS16949	ISO/TS16949

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying 66.88K wafer technology at UMC Fab 8D fabrication site.

Change Implementation Status:In Progress

Estimated First Ship Date:

September 19, 2022 (date code: 2239)

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

Time Table Summary:

	August 2022					September 2022			
Workweek	3 2	3 3	3 4	3 5	3 6	37	38	39	40
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 05, 2022: 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-05LTHK605_Qual_Report.pdf](#)

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

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