



Product Change Notification: MFOL-01MMMT843

Date:

29-Sep-2025

Product Category:

8-Bit Microcontrollers, Field Programmable Gate Array

Notification Subject:

CCB 7761 Initial Notice: Qualification of ASEM as a new assembly site for AT40K40AL-1DQU and AT8356J05-UQ3T available in 208L PQFP (28x28x3.4mm) package.

Affected CPNs:

[MFOL-01MMMT843_Affected_CPN_09292025.pdf](#)
[MFOL-01MMMT843_Affected_CPN_09292025.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 ASEM as a new assembly site for AT40K40AL-1DQU and AT8356J05-UQ3T available in 208L PQFP (28x28x3.4mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	ASE Group -Malaysia (ASEM)
Wire Material	Au	Au
Die Attach Material	3230 (PFAS)	8143 (PFAS-free)
Molding Compound Material	G700M	G700LY
Lead-Frame Material	C7025	C7025

Lead-Frame Paddle Size	See Pre and Post change summary for comparison.
Lead-Frame Design	See Pre and Post change summary for comparison.

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying ASEM as a new assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: March 2026

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:

	September 2025					>	March 2026				
Work Week	36	37	38	39	40		10	11	12	13	14
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: September 04, 2025: Issued initial notification.

September 29, 2025: Re-issued initial notification to clarify that the die-attach material is PFAS-free and attached PFAS elimination and the die-attach material explanation file.

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

Attachments:

[PFAS Elimination and Die Attach_Explanation.pdf](#)
[PCN_MFOL-01MMMT843_Pre and Post Change Summary.pdf](#)
[PCN_MFOL-01MMMT843_Qualification Plan.pdf](#)

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

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