



Product Change Notification: DSNO-27AYCM054

Date:

15-Jan-2026

Product Category:

Memory

Notification Subject:

CCB 7576 and 6183.006 Final Notice: Qualification of ASSH as an additional assembly and final test site for 24AA014, 24AA014H, 24AA024, 24AA024H, 24AA025, 24AA044, 24LC014, 24LC014H, 24LC024, 24LC024H and 24LC025 device families available in 8L TSSOP (4.4mm) package.

Affected CPNs:

[DSNO-27AYCM054_Affected_CPN_01152026.pdf](#)

[DSNO-27AYCM054_Affected_CPN_01152026.csv](#)

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 ASSH as an additional assembly and final test site for 24AA014, 24AA014H, 24AA024, 24AA024H, 24AA025, 24AA044, 24LC014, 24LC014H, 24LC024, 24LC024H and 24LC025 device families available in 8L TSSOP (4.4mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change		Change (Yes/No)
Final Test Site	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (HQ) (MTAI)	ATX Semiconductor (Shanghai)	Yes

				Co. Ltd (ASSH)	
Tube	Dimension	With minor dimensional change. See Pre and Post Change Summary attachment for comparison.		Yes	
	Color	See Pre and Post Change Summary attachment for comparison.		Yes	
Tape and Reel	Carrier Tape	With minor dimensional change. See Pre and Post Change Summary attachment for comparison.		Yes	
	Cover Tape				
	Plastic Reel				
Packing Method/Material		See Pre and Post Change Summary attachment for comparison.		Yes	
Assembly Site		Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (Branch) (MMT)	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	Yes
Wire Material		Au	CuPdAu	Au	CuPdAu
Die Attach Material		2200D		*QMI519	EN-4900GC
Molding Compound Material		G600V		G600V	G700LY
Lead-Frame Material		C7025		C7025	No
DAP Surface Prep		Ag Spot	Bare Cu	Bare Cu	PPF
Lead-Frame Paddle Size		82 x 82 mils		82 x 82 mils	126 x 87 mils
Lead-Frame Treatment		None	Roughened	Roughened	Roughened
Lead-Frame Lead Plating		Matte Tin		Matte Tin	NiPdAu
Lead-Frame Lead-Lock		No		Yes	Yes

Note 1: *QMI519 is PFAS-free die attach material.

Note 2: *The qualification of the new PFAS-free die attach material, QMI519, was officially released via PCN #CENO-16EGCZ399.

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by ASSH as an additional assembly and final test site.

Change Implementation Status: In Progress

Estimated First Ship Date: 05 January 2026 (date code: 2602)

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

Timetable Summary:

	August 2025					>	December 2025				January 2026				
Work Week	31	32	33	34	35		49	50	51	52	01	02	03	04	05
Initial PCN Issue Date					x										
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 29, 2025: Issued initial notification. The new die attach material was qualified via PCN #CENO-16EGCZ399 on July 22, 2025.

December 29, 2025: Issued final notification. Attached the qualification report. Provided estimated first

ship date to be on January 5, 2026. Added column "Change (Yes/No)" in the pre and post change table.

January 15, 2026: Re-issued final notification to reflect the correct paddle size in the Qual Report for ASSH, updated from 2.21 x 3.2 mils to 2.21 x 3.2 mm.

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_DSNO-27AYCM054_Qual_Report \(ASSH\).pdf](#)
[PCN_DSNO-27AYCM054_Pre_and_Post Change Summary.pdf](#)
[PCN_DSNO-27AYCM054_Qual Report \(MMT\).pdf](#)
[PCN_DSNO-27AYCM054_Qual Report \(Test-ASSH\).pdf](#)

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

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