



Product Change Notification: MFOL-15SHTC069

Date:

22-Jan-2026

Product Category:

8-Bit Microcontrollers, Memory

Notification Subject:

CCB 7797.001 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) as a new bond wire material for selected 25LC128, 25AA128, 25AA256, 25LC256, 24LC024, 24LC025, 24AA024, 24AA044, 24LC014, 24AA014, 24AA025, AT93C86, 93LC76C, 93AA76C, 93LC86C, 93AA86C, 93C76C, 93C86C, 93LC76A, 93LC76B, 93AA76B, 93AA76A, 93C86A, 93C86B, 93AA86A, 93C76A, 93C76B, 93LC86A, 93LC86B, 93AA86B, 24AA01H, 24LC04B, 24AA02, 24LC02B, 24LC01B, 24FC02, 24FC04, 24AA01, 24FC04H, 24FC01, 24AA04, 24AA02H, 24AA04H, 24FC16, 24LC16B, 24AA08, 24LC08B, 24AA16H, 24AA08H, 24FC08, 24AA16, 25AA080, 25LC080, 25AA160, AT25080, 25LC160, AT25160, AT25320, 25CS320, 25AA320, 25LC320, 25LC640, 25CS640, and 25AA640 device families available in 8L TSSOP (4.4mm) package at MMT assembly site.

Affected CPNs:

[MFOL-15SHTC069_Affected_CPN_01222026.pdf](#)

[MFOL-15SHTC069_Affected_CPN_01222026.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 palladium coated copper with gold flash (CuPdAu) as a new bond wire material for selected 25LC128, 25AA128, 25AA256, 25LC256, 24LC024, 24LC025, 24AA024, 24AA044, 24LC014, 24AA014, 24AA025, AT93C86, 93LC76C, 93AA76C, 93LC86C, 93AA86C, 93C76C, 93C86C, 93LC76A, 93LC76B, 93AA76B, 93AA76A, 93C86A, 93C86B, 93AA86A, 93C76A, 93C76B, 93LC86A, 93LC86B, 93AA86B, 24AA01H, 24LC04B, 24AA02, 24LC02B, 24LC01B, 24FC02, 24FC04, 24AA01, 24FC04H, 24FC01, 24AA04, 24AA02H, 24AA04H, 24FC16, 24LC16B, 24AA08, 24LC08B, 24AA16H, 24AA08H, 24FC08, 24AA16, 25AA080, 25LC080, 25AA160, AT25080, 25LC160, AT25160, AT25320, 25CS320, 25AA320, 25LC320,

25LC640, 25CS640, and 25AA640 device families available in 8L TSSOP (4.4mm) package at MMT assembly site.

Pre and Post Summary Changes:

	Pre Change	Post Change	Change (Yes/No)
Assembly Site	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (Branch) (MMT)	No
Wire Material	Au	CuPdAu	Yes
Die Attach Material	QMI519 (PFAS-free)	QMI519 (PFAS-free)	No
Molding Compound Material	G600V	G600V	No
Lead-Frame Material	C7025	C7025	No
Lead-Frame DAP Surface Prep	Ag	Bare Cu	Yes
Lead-Frame Design	See Pre and Post Change Summary attachment for comparison.		

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying palladium coated copper with gold flash (CuPdAu) as a new bond wire material at MMT assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: 15 April 2026 (date code: 2616)

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

Timetable Summary:

	January 2026					>	April 2026				
Work Week	01	02	03	04	05		14	15	16	17	18

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: January 22, 2026: Issued final 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_MFOL-15SHTC069_Pre and Post Change Summary.pdf

PCN_MFOL-15SHTC069_Qual Report.pdf

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

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