



Product Change Notification: DSNO-03WOCU024

Date:

22-Aug-2025

Product Category:

8-Bit Microcontrollers

Notification Subject:

CCB 7411 Final Notice: Qualification of palladium-coated copper with gold flash (CuPdAu) as a new bond wire material for selected ATXMEGA128xx, ATXMEGA192xx, ATXMEGA256xx, ATXMEGA32xx, ATXMEGA384xx, and ATXMEGA64xx device families available in 64L and 100L TQFP (14x14x1mm) packages at the MMT assembly site.

Affected CPNs:

[DSNO-03WOCU024_Affected_CPN_08222025.pdf](#)

[DSNO-03WOCU024_Affected_CPN_08222025.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 ATXMEGA128xx, ATXMEGA192xx, ATXMEGA256xx, ATXMEGA32xx, ATXMEGA384xx, and ATXMEGA64xx device families available in 64L and 100L TQFP (14x14x1mm) packages at the MMT assembly site.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (MMT)	Microchip Technology Thailand (MMT)
Wire Material	Au	CuPdAu
Die Attach Material	3280	3280

Molding Compound Material	G700HA	G700HA
Lead-Frame Material	C7025	C7025

Impacts to Datasheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated First Ship Date: 15 September 2025 (date code: 2538)

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

Timetable Summary:

	February 2025					>	August 2025					September 2025				
Work Week	05	06	07	08	09		31	32	33	34	35	36	37	38	39	40
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: February 06, 2025: Issued initial notification.

August 22, 2025: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on September 15, 2025.

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-03WOCU024_Qual Report.pdf**](#)

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

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