



Product Change Notification: MAAN-22ELAI887

Date:

03-Sep-2025

Product Category:

Wireless IC

Notification Subject:

CCB 7500 Final Notice: Qualification of CuPdAu as a new wire material for PIC32CX1012BZ25048-I/MYX, PIC32CX1012BZ25048-E/MYX, PIC32CX1012BZ25048T-IA0/MYX, PIC32CX1012BZ25048T-E/MYX, PIC32CX1012BZ25048T-IA2/MYX and PIC32CX1012BZ25048T-I/MYX catalog part numbers (CPN) available in 48L VQFN (7x7x0.9mm) package.

Affected CPNs:

[MAAN-22ELAI887_Affected_CPN_09032025.pdf](#)

[MAAN-22ELAI887_Affected_CPN_09032025.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 CuPdAu as a new wire material for PIC32CX1012BZ25048-I/MYX, PIC32CX1012BZ25048-E/MYX, PIC32CX1012BZ25048T-IA0/MYX, PIC32CX1012BZ25048T-E/MYX, PIC32CX1012BZ25048T-IA2/MYX and PIC32CX1012BZ25048T-I/MYX catalog part numbers (CPN) available in 48L VQFN (7x7x0.9mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Microchip Technology (HQ) (MTAI)	Microchip Technology (HQ) (MTAI)

Wire Material	Au	CuPdAu
Die Attach Material	QMI519*	QMI519*
Molding Compound Material	G700LTD	G700LTD
Lead-Frame Material	A194	A194

Note 1: *PFAS free material

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying CuPdAu as a new wire material.

Change Implementation Status: In Progress

Estimated First Ship Date: 26 September 2025 (date code: 2539)

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

Timetable Summary:

	March 2025					>	September 2025				
Work Week	09	10	11	12	13		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:

March 26, 2025: Issued initial notification.

September 03, 2025: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on September 26, 2025. Included a note about PFAS free material in the Pre and Post Change Table.

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_MAAN-22ELAI887 Qual Report.pdf**](#)

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

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