



## Product Change Notification: MAAN-22ELAI887

**Date:**

26-Mar-2025

**Product Category:**

Wireless IC

**Notification Subject:**

CCB 7500 Initial 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\\_03262025.pdf](#)  
[MAAN-22ELAI887\\_Affected\\_CPN\\_03262025.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 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:**

	<b>Pre Change</b>	<b>Post Change</b>
<b>Assembly Site</b>	Microchip Technology (HQ) (MTAI)	Microchip Technology (HQ) (MTAI)

<b>Wire Material</b>	Au	CuPdAu
<b>Die Attach Material</b>	QMI519	QMI519
<b>Molding Compound Material</b>	G700LTD	G700LTD
<b>Lead-Frame Material</b>	A194	A194

**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 Qualification Completion Date:** June 2025

**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:**

	March 2025					>	June 2025				
Work Week	09	10	11	12	13		23	24	25	26	27
<b>Initial PCN Issue Date</b>					x						
<b>Qual Report Availability</b>							x				
<b>Final PCN Issue Date</b>							x				

**Method to Identify Change:** Traceability Code

**Qualification Plan:** Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:** March 26, 2025: Issued initial 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\\_MAAN-22ELAI887\\_Qual Plan.pdf\*\*](#)

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

**Terms and Conditions:**

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