



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:

	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

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
Initial PCN Issue Date					x						
Qual Report Availability								x			
Final PCN Issue Date								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.

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