



Product Change Notification: MFOL-12JPLF557

Date:

12-Mar-2025

Product Category:

Wireless Modules

Notification Subject:

CCB 7214 Final Notice: Qualification of MMT as an additional assembly site for PIC32CX5109BZ31048-V/ZWX and PIC32CX5109BZ31048T-V/ZWX catalog part numbers (CPN) available in 48L VQFN (6x6x0.9mm) package.

Affected CPNs:

[**MFOL-12JPLF557_Affected_CPN_03122025.pdf**](#)

[**MFOL-12JPLF557_Affected_CPN_03122025.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 MMT as an additional assembly site for PIC32CX5109BZ31048-V/ZWX and PIC32CX5109BZ31048T-V/ZWX catalog part numbers (CPN) available in 48L VQFN (6x6x0.9mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change	
Assembly Site	ASE Group Chung-Li (ASCL)	ASE Group Chung-Li (ASCL)	Microchip Technology Thailand (Branch) (MMT)

Wire Material	CuPdAu	CuPdAu	Au
Die Attach Material	EN-4900	EN-4900	3280
Molding Compound Material	G700LA	G700LA	G700LTD
Lead-Frame Material	C194	C194	C194
Lead-Frame Paddle Size	173x173 mils	173x173 mils	181x181 mils
	See pre and post change for comparison.		

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: 18 April 2025 (date code: 2516)

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

Timetable Summary:

	November 2024					>	March 2025				April 2025				
Work Week	44	45	46	47	48		10	11	12	13	14	15	16	17	18
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_{PCN}_Qual_Report.

Revision History: November 18, 2024: Issued initial notification.

March 12, 2025: Issued final notification. Attached Qualification Report. Provided Estimated First Ship Date on April 18, 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_MFOL-12JPLF557_Pre and Post Change_Summary.pdf](#)

[PCN_MFOL-12JPLF557_Qualification Report.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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