



Product Change Notification: CENO-05XMOU361

Date:

07-Apr-2025

Product Category:

Antifuse Fpgas

Notification Subject:

CCB 7317 Final Notice: Qualification of MMT as a new assembly site for selected A40MX04, A42MX24, A42MX09 and A42MX16 device families available in 84L PLCC (29.3x29.3x4.4mm) package.

Affected CPNs:

[CENO-05XMOU361_Affected_CPN_04072025.pdf](#)

[CENO-05XMOU361_Affected_CPN_04072025.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 a new assembly site for selected A40MX04, A42MX24, A42MX09 and A42MX16 device families available in 84L PLCC (29.3x29.3x4.4mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (Branch) (MMT)

Wire Material		Au					Au				
Die Attach Material		8361J					QMI519				
Molding Compound Material		G600C					G600V				
Lead-Frame Material	<i>For 425x425 mils</i>	C151					A194				
	<i>For 330x330 mils</i>	C151					A194				
	<i>For 275x275 mils</i>	C194*					A194*				
Lead-Lock	<i>For 425x425 mils</i>	Lead locking lug					Lead locking lug				
	<i>For 330x330 mils</i>	Lead locking lug					Lead locking lug				
	<i>For 275x275 mils</i>	Lead locking hole					Lead locking lug				
	See Pre and Post for comparison.										

Note: *C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling difference.

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying MMT as a new assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: 01 May 2025 (date code: 2518)

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

Timetable Summary:

	December 2024					>	April 2025			May 2025				
	49	50	51	52	01		14	15	16	17	18	19	20	21
Work Week														
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 Number}_Qual_Report.

Revision History: December 13, 2024: Issued initial notification.

April 7, 2025: Issued final notification. Removed EOL'ed CPN A42MX24-PLG84IX339 from affected CPN list. Included the Qualification Report. Added the estimated shipment date on May 1, 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_CENO-05XMOU361 Qualification Report.pdf](#)

[PCN_CENO-05XMOU361 Pre_and_Post Change Summary.pdf](#)

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

Terms and Conditions:

If you wish to [receive Microchip PCNs via email](#) please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to [change your PCN profile, including opt out](#), please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.