



Product Change Notification: MAAN-11IFAA704

Date:

13-Nov-2024

Product Category:

Antifuse Fpgas

Notification Subject:

CCB 7025 Final Notice: Qualification of MMT as a new assembly site for selected A40MX02 and A40MX04 device families available in 44L PLCC (16.6x16.6x4.4mm) and 68L PLCC (24.2x24.2x4.4mm) packages.

Affected CPNs:

[**MAAN-11IFAA704_Affected_CPN_11132024.pdf**](#)

[**MAAN-11IFAA704_Affected_CPN_11132024.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 A40MX02 and A40MX04 device families available in 44L PLCC (16.6x16.6x4.4mm) and 68L PLCC (24.2x24.2x4.4mm) packages.

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	44L	C194	A151
	68L	C151	A151
Lead-Frame Paddle Size	44L	250x250 mils	230x230 mils
	68L	260x260 mils	260x260 mils
Lead-lock		Yes	No
DAP Surface Prep		Ag Ring Plated	Ag Spot Plated
Lead-Frame Design		See pre and post change comparison.	

Impacts to Datasheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated First Ship Date: 12 December 2024 (date code: 2450)

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

Timetable Summary:

	June 2024					>	November 2024				December 2024					
Work Week	22	23	24	25	26		44	45	46	47	48	49	50	51	52	53
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: June 19, 2024: Issued initial notification.

November 13, 2024: Issued final notification. Attached the Qualification Report. Updated affected parts list to add A40MX02-PLG44IQ366 and A40MX02-PLG44IQ370 catalog part numbers (CPN). Provided estimated first ship date to be on December 12, 2024.

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-11IFAA704_Pre_and_Post_Change_Summary.pdf**](#)

[**PCN_MAAN-11IFAA704_Qual Report.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.