



Product Change Notification: MFOL-10BCXF361

Date:

14-Nov-2024

Product Category:

16-Bit - Microcontrollers And Digital Signal Controllers

Notification Subject:

CCB 7223 Initial Notice: Qualification of MMT as an additional assembly site for selected DSPIC33CH128MPxx, DSPIC33CH256MPxx, DSPIC33CH512MPxx, DSPIC33CH64MPxx, DSPIC33CK128MPxx, DSPIC33CK256MPxx, DSPIC33CK32MC105, DSPIC33CK32MP105, DSPIC33CK32MP205, DSPIC33CK32MP505, DSPIC33CK64MC105, DSPIC33CK64MP105, DSPIC33CK64MP205, and DSPIC33CK64MP505 device families available in 48L UQFN (6x6x0.6mm) package.

Affected CPNs:

[MFOL-10BCXF361_Affected_CPN_11142024.pdf](#)

[MFOL-10BCXF361_Affected_CPN_11142024.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 MMT as an additional assembly site for selected DSPIC33CH128MPxx, DSPIC33CH256MPxx, DSPIC33CH512MPxx, DSPIC33CH64MPxx, DSPIC33CK128MPxx, DSPIC33CK256MPxx, DSPIC33CK32MC105, DSPIC33CK32MP105, DSPIC33CK32MP205, DSPIC33CK32MP505, DSPIC33CK64MC105, DSPIC33CK64MP105, DSPIC33CK64MP205, and DSPIC33CK64MP505 device families available in 48L UQFN (6x6x0.6mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change

Assembly Site		Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)	Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)	Microchip Technology Thailand (Branch) (MMT)
Wire Material		Au	Au	Au
Die Attach Material		CRM1085A	CRM1085A	QMI519
Molding Compound Material		G631BQF	G631BQF	G700LTD
Lead-Frame	Material	C7025	C7025	EFTEC64T
	Lead lock	No	No	Yes
		See pre and post change summary 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 Qualification Completion Date: December 2024

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:

	November 2024	December 2024
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Work Week	44	45	46	47	48	49	50	51	52	53
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: November 14, 2024: 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_MFOL-10BCXF361_Pre and Post Change Summary.pdf

PCN_MFOL-10BCXF361_Qual_Plan.pdf

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

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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.