



Product Change Notification: CENO-05FVJZ634

Date:

20-Nov-2024

Product Category:

16-Bit - Microcontrollers And Digital Signal Controllers, 32-Bit Microcontrollers, 8-Bit Microcontrollers, Smart Energy SOC

Notification Subject:

CCB 7084 Final Notice: Qualification of new stamped lead frame with inner lead tape and non-brown oxide treatment (non-BOT) for selected products available in 100L and 64L TQFP (14x14x1mm) packages at MMT assembly site.

Affected CPNs:

[CENO-05FVJZ634_Affected_CPN_11202024.pdf](#)
[CENO-05FVJZ634_Affected_CPN_11202024.csv](#)

Notification Text:

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 new stamped lead frame with inner lead tape and non-brown oxide treatment (non-BOT) for selected products available in 100L and 64L TQFP (14x14x1mm) packages at MMT assembly site.

Pre and Post Change Summary:

For 66L TQFP (14x14x1mm)

	Pre Change	Post Change
--	------------	-------------

Assembly Site	Microchip Technology Thailand (MMT)	Microchip Technology Thailand (MMT)
Wire Material	Au	Au
Die Attach Material	3280	3280
Molding Compound Material	G700HA	G700HA
Lead-Frame Material	C7025	C7025
Lead-Frame Treatment	BOT	None

For 100L TQFP (14x14x1mm)

	Pre Change		Post Change	
Assembly Site	Microchip Technology Thailand (MMT)		Microchip Technology Thailand (MMT)	
Wire Material	Au	CuPdAu	Au	CuPdAu
Die Attach Material	3280		3280	
Molding Compound Material	G700HA		G700HA	
Lead-Frame Material	C7025		C7025	
Lead-Frame Paddle Size	280x280 mils	240x240 mils	280x280 mils	240x240 mils
Lead-Frame Treatment	BOT		None	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying new stamped lead frame with inner lead tape and non-brown oxide treatment (non-BOT).

Change Implementation Status:In Progress

Estimated First Ship Date:December 23, 2024 (date code: 2452)

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

Time Table Summary:

	August 2024					>	November 2024					December 2024				
Workweek	31	32	33	34	35		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:August 9, 2024: Issued initial notification.
November 20, 2025: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on December 23, 2024.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

Attachments:

PCN_CENO-05FVJZ634_Pre and Post Change_Summary.pdf
PCN_CENO-05FVJZ634_Qualification 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.