



Product Change Notification: CENO-10ICPB401

Date:

18-Nov-2024

Product Category:

16-Bit - Microcontrollers And Digital Signal Controllers, Capacitive Touch Sensors

Notification Subject:

CCB 7278 Final Notice: Qualification of C194 as a new lead frame material for selected MGC3140, dsPIC33EP128MC504, dsPIC33EP512MC504, PIC24EP512GP204, dsPIC33EP128GP504, PIC24EP128GP204, PIC24EP128MC204, dsPIC33EP128MC204, dsPIC33EP512GP504, dsPIC33EP512MC204, PIC24EP512MC204 and MXG3141 device families available in 48L UQFN (6x6x0.5mm) package at NSEB assembly site.

Affected CPNs:

[**CENO-10ICPB401_Affected_CPN_11182024.pdf**](#)

[**CENO-10ICPB401_Affected_CPN_11182024.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 C194 as a new lead frame material for selected MGC3140, dsPIC33EP128MC504, dsPIC33EP512MC504, PIC24EP512GP204, dsPIC33EP128GP504, PIC24EP128GP204, PIC24EP128MC204, dsPIC33EP128MC204, dsPIC33EP512GP504, dsPIC33EP512MC204, PIC24EP512MC204 and MXG3141 device families available in 48L UQFN (6x6x0.5mm) package at NSEB assembly site.

Pre and Post Summary Changes:

	Pre Change	Post Change

Assembly Site	UTAC Thai Limited (UTL-1) LTD. (NSEB)	UTAC Thai Limited (UTL-1) LTD. (NSEB)
Wire Material	Au	Au
Die Attach Material	8600	8200T
Molding Compound Material	G700LTD	G700LTD
Lead-Frame Material	EFTEC64T	C194
	See Pre and Post change for comparison.	

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying C194 as a new lead frame material.

Change Implementation Status: In Progress

Estimated First Ship Date: 08 January 2025 (date code: 252)

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					>	January 2025				
Work Week	44	45	46	47	48		01	02	03	04	05
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 final 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_CENO-10ICPB401_Qual_Report.pdf**](#)

[**PCN_CENO-10ICPB401_Pre and Post Change Summary.pdf**](#)

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

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