



Product Change Notification: NTDO-27QVWR833

Date:

17-Jun-2025

Product Category:

Interface- Serial Peripherals

Notification Subject:

CCB 7429 Final Notice: Qualification of MTAI as an additional assembly site for MCP23S18-E/MJ, MCP23018-E/MJ, MCP23018T-E/MJ and MCP23S18T-E/MJ catalog part numbers (CPN) available in 24L QFN (4x4x0.9mm) package.

Affected CPNs:

[NTDO-27QVWR833_Affected_CPN_06172025.pdf](#)

[NTDO-27QVWR833_Affected_CPN_06172025.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 MTAI as an additional assembly site for MCP23S18-E/MJ, MCP23018-E/MJ, MCP23018T-E/MJ and MCP23S18T-E/MJ catalog part numbers (CPN) available in 24L QFN (4x4x0.9mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change	
Assembly Site	UTAC Thai Limited (UTL-1) (NSEB)	UTAC Thai Limited (UTL-1) (NSEB)	Microchip Technology Thailand (HQ) (MTAI)
Wire Material	CuPdAu	CuPdAu	CuPdAu

Die Attach Material	8600	8600	3280NP
Molding Compound Material	G700LTD	G700LTD	G700LTD
Lead-Frame Material	A194	A194	A194
Lead-Frame Lead-lock	Yes	Yes	No
	See Pre and Post Change Summary for Comparison		
DAP Surface Prep	Bare Cu	Bare Cu	Ag ring plated

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying MTAI as additional assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: 04 July 2025 (date code: 2527)

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

Timetable Summary:

	February 2025					>	June 2025				July 2025				
Work Week	05	06	07	08	09		23	24	25	26	27	28	29	30	31
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}_Qual_Report.

Revision History: February 28, 2025: Issued initial notification

June 17, 2025: Issued final notification. Attached the Qualification Report. Provided the estimated first ship date to be on July 04, 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_NTDO-27QVWR833_Pre_and_Post-Change Summary.pdf](#)

[PCN_NTDO-27QVWR833_Qual Report.pdf](#)

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

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