



Product Change Notification: MFOL-08PRDK601

Date:

12-Dec-2025

Product Category:

Wireless IC

Notification Subject:

CCB 7597 Final Notice: Qualification of MTAI as a new assembly site for WINCS02IC-TRAY, WINCS02IC, WILCS02IC-I/ZZX, WILCS02ICT-I/ZZX, WINCS02IC-I1/ZZX, WINCS02ICT-I1/ZZX, WINCS02IC-I/ZZX, WINCS02ICT-I/ZZX, WINCS02IC-V/ZZX, WINCS02ICT-V/ZZX, WILCS02IC-V/ZZX, and WILCS02ICT-V/ZZX catalog part numbers (CPN) available in 48L VFQN (7x7x0.9mm) package.

Affected CPNs:

MFOL-08PRDK601_Affected_CPN_12122025.pdf

MFOL-08PRDK601_Affected_CPN_12122025.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 a new assembly site for WINCS02IC-TRAY, WINCS02IC, WILCS02IC-I/ZZX, WILCS02ICT-I/ZZX, WINCS02IC-I1/ZZX, WINCS02ICT-I1/ZZX, WINCS02IC-I/ZZX, WINCS02ICT-I/ZZX, WINCS02IC-V/ZZX, WINCS02ICT-V/ZZX, WILCS02IC-V/ZZX, and WILCS02ICT-V/ZZX catalog part numbers (CPN) available in 48L VFQN (7x7x0.9mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change	Change (Yes/No)

Assembly Site	ASE Group Chung-Li (ASCL)		Microchip Technology Thailand (HQ) (MTAI)		Yes
Wire Material	CuPdAu		CuPdAu		No
Die Attach Material	EN-4900F	QMI536	8008MD	8006NS	Yes
Molding Compound Material	G700LA		G700LTD		Yes
Lead-Frame Material	C194		A194		No
Lead-Frame Design	See Pre and Post change summary for comparison.				

*Note: C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling difference.

Impacts to Datasheet:

Yes. Refer to Package Outline Drawing (POD) comparison.

		ASCL			MTAI		
Feature	Dimension	MIN	NOM	MAX	MIN	NOM	MAX
Number of Pins	n	48			48		
Pitch	e	0.50 BSC			0.50 BSC		
Overall Height	A	0.80	0.85	0.90	0.80	0.90	1.00
Standoff	A1	0.00	0.035	0.05	0.00	0.020	0.05
Terminal Thickness	A3	0.203 REF			0.20 REF		
Overall Width	D	7.00 BSC			7.00 BSC		
Exposed Pad Width	D2	5.20	5.30	5.40	5.20	5.30	5.40
Overall Length	E	7.00 BSC			7.00 BSC		
Exposed Pad Length	E2	5.20	5.30	5.40	5.20	5.30	5.40
Terminal Width	b	0.20	0.25	0.30	0.18	0.25	0.30
Terminal Length	L	0.35	0.40	0.45	0.30	0.40	0.50
Terminal-to-Exposed Pad	K	0.45 REF			0.20	-	-

Change Impact: None

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

site.

Change Implementation Status: In Progress

Estimated First Ship Date: 12 January 2026 (date code: 2603)

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

Timetable Summary:

	May 2025					>	December 2025				January 2026				
Work Week	18	19	20	21	22		49	50	51	52	01	02	03	04	05
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: May 16, 2025: Issued initial notification.

December 12, 2025: Issued final notification. Attached the Qualification Report. Added a 'Change (Yes/No)' column to the Pre and Post Change Summary table. Provided estimated first ship date to be on January 12, 2026

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-08PRDK601_Pre and Post Change Summary.pdf

PCN_MFOL-08PRDK601_Qual Report.pdf

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

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