



Product Change Notification: MAAN-18PQPC647

Date:

22-Aug-2025

Product Category:

Linear Regulators

Notification Subject:

CCB 7581.002 and 7581.003 Initial Notice: Qualification of ATP7 as an additional assembly site for selected MIC5501, MIC5502, MIC5503, MIC5504, MIC5524 and MIC5528 device families available in 4L UDFN (1.0x1.0x0.6mm) and 6L UDFN (1.2x1.2x0.6mm) packages.

Affected CPNs:

[MAAN-18PQPC647_Affected_CPN_08222025.pdf](#)

[MAAN-18PQPC647_Affected_CPN_08222025.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 ATP7 as an additional assembly site for selected MIC5501, MIC5502, MIC5503, MIC5504, MIC5524 and MIC5528 device families available in 4L UDFN (1.0x1.0x0.6mm) and 6L UDFN (1.2x1.2x0.6mm) packages.

Pre and Post Summary Changes:

	Pre Change	Post Change	
Assembly Site	Unisem Chengdu Co.,Ltd. (UNIC)	Unisem Chengdu Co.,Ltd. (UNIC)	Amkor Technology Philippines (P3/P4), INC. (ATP7)
Wire Material	Au	Au	CuPdAu
Die Attach Material	8290	8290	CDF215

Molding Compound Material	G770HP	G770HP	G631BQF
Lead-Frame Material	C194	C194	C7025

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on time delivery performance by qualifying ATP7 as an additional assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: January 2026

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:

	August 2025					>	January 2026				
Work Week	32	33	34	35	36		01	02	03	04	05
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: August 22, 2025: 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_MAAN-18PQPC647 Pre and Post Change Summary.pdf](#)

[PCN_MAAN-18PQPC647-Qual Plan.pdf](#)

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

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