



## Product Change Notification: NTD0-09YLAU796

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**Date:**

29-Sep-2026

**Product Category:**

32-Bit Microprocessors

**Notification Subject:**

CCB 7710 Final Notice: Qualification of ATP7 as an additional assembly site for AT91SAM9CN12B-CUR, AT91SAM9N12-CUR, AT91SAM9CN11-CUR, AT91SAM9CN11-CU, AT91SAM9N12-CU and AT91SAM9CN12B-CU available in 217L LFBGA (15x15x1.46mm) package.

**Affected CPNs:**

[NTD0-09YLAU796\\_Affected\\_CPN\\_09292026.pdf](#)

[NTD0-09YLAU796\\_Affected\\_CPN\\_09292026.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 ATP7 as an additional assembly site for AT91SAM9CN12B-CUR, AT91SAM9N12-CUR, AT91SAM9CN11-CUR, AT91SAM9CN11-CU, AT91SAM9N12-CU and AT91SAM9CN12B-CU available in 217L LFBGA (15x15x1.46mm) package.

**Pre and Post Summary Changes:**

|                      | Pre Change                                              | Post Change                                             |                                                | Change<br>(Yes/No<br>) |
|----------------------|---------------------------------------------------------|---------------------------------------------------------|------------------------------------------------|------------------------|
| <b>Assembly Site</b> | ATX<br>Semiconductor<br>(Shanghai) Co.<br>Ltd<br>(ASSH) | ATX<br>Semiconductor<br>(Shanghai) Co.<br>Ltd<br>(ASSH) | Amkor<br>Technology<br>Philippines<br>(P3/P4), | Yes                    |

|                                  |                  |                  |                     |     |
|----------------------------------|------------------|------------------|---------------------|-----|
|                                  |                  |                  | INC.<br>(ATP7)      |     |
| <b>Wire Material</b>             | CuPd             | CuPd             | CuPdAu              | Yes |
| <b>Die Attach Material</b>       | 2100AS<br>(PFAS) | 2100AS<br>(PFAS) | 2300<br>(PFAS-free) | Yes |
| <b>Molding Compound Material</b> | KE-<br>G1250LKDS | KE-<br>G1250LKDS | G770FE              | Yes |
| <b>Substrate Core Material</b>   | HL832NX          | HL832NX          | HL832NS             | Yes |
| <b>Substrate SM Material</b>     | AUS308           | AUS308           | AUS308              | No  |

#### Impacts to Datasheet:

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

|                      |    | ASSH      |      |      | ATP7      |      |      |
|----------------------|----|-----------|------|------|-----------|------|------|
|                      |    | Min       | Nom  | Max  | Min       | Nom  | Max  |
| Number of Terminals  | N  | 217       |      |      | 217       |      |      |
| Pitch                | e  | 0.80 BSC  |      |      | 0.80 BSC  |      |      |
| Overall Height       | A  | -         | -    | 1.46 | -         | -    | 1.46 |
| Standoff/Ball Height | A1 | 0.25      | 0.30 | 0.35 | 0.21      | 0.30 | -    |
| Mold Thickness       | A3 | 0.70 REF  |      |      | 0.65      | 0.7  | 0.75 |
| Overall Length       | D  | 15.00 BSC |      |      | 15.00 BSC |      |      |
| Overall Width        | E  | 15.00 BSC |      |      | 15.00 BSC |      |      |
| Terminal Diameter    | b  | 0.35      | 0.40 | 0.45 | 0.35      | 0.40 | 0.45 |

**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 First Ship Date:** 26 October 2026 (date code: 2644)

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

**Timetable Summary:**

|                               | July 2024 |    |    |    |    | > | September 2026 |    |    |    |    | October 2026 |    |    |    |
|-------------------------------|-----------|----|----|----|----|---|----------------|----|----|----|----|--------------|----|----|----|
| Work Week                     | 27        | 28 | 29 | 30 | 31 |   | 36             | 37 | 38 | 39 | 40 | 41           | 42 | 43 | 44 |
| 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:**

July 15, 2025: Issued initial notification.

July 18, 2025: Reissued initial notification to correct the December workweek on the timetable summary.

September 29, 2026: Issued final notification. Added the "Change (Yes/No)" column to the Pre- and Post- Change Summary table. Attached the Qualification Report and PFAS Elimination Explanation file. Provided estimated first ship date to be on October 26, 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\\_NTDO-09YLAU796\\_Qual\\_Report.pdf](#)

[PFAS Elimination and Die Attach\\_Explanation.pdf](#)

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

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