# Product Change Notification: MAAN-28QANC340

## Date:

09-Nov-2026

## Product Category:

32-Bit Microcontrollers

## Notification Subject:

CCB 8202.001 Final Notice: Qualification of MTAI as an additional assembly site for selected ATSAMD51J20A, ATSAME51J19A, ATSAMD51J18A, ATSAMD51J19A, ATSAME51J18A, ATSAME53J18A, ATSAME53J19A, ATSAME53J20A, ATSAME51J20A and ATSAME53J18 device families available in 64L VQFN (9x9x1mm) package.

## Affected CPNs:

**MAAN-28QANC340_Affected_CPN_11092026.pdf**
**MAAN-28QANC340_Affected_CPN_11092026.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 selected ATSAMD51J20A, ATSAME51J19A, ATSAMD51J18A, ATSAMD51J19A, ATSAME51J18A, ATSAME53J18A, ATSAME53J19A, ATSAME53J20A, ATSAME51J20A and ATSAME53J18 device families available in 64L VQFN (9x9x1mm) package.

**Pre and Post Summary Changes**:

| | Pre Change | | | | Post Change | | | | | Change |
|---|---|---|---|---|---|---|---|---|---|---|
| **Assembly Site** | ASE Inc. (ASE) | ASE Group Chung-Li (ASCL) | | Amkor Technology Philippines (P3/P4), INC. (ATP7) | ASE Inc. (ASE) | ASE Group Chung-Li (ASCL) | | Amkor Technology Philippines (P3/P4), INC. (ATP7) | Microchip Technology Thailand (HQ) (MTAI) | Yes |
| **Wire Material** | CuPdAu | Au | | CuPdAu | CuPdAu | Au | | CuPdAu | CuPdAu | Yes |
| **Die Attach Material** | EN-4900F (PFAS free) | EN-4900F (PFAS free) | CRM1085A (PFAS-Free) | CRM1085A (PFAS-Free) | EN-4900F (PFAS free) | EN-4900F (PFAS free) | CRM1085A (PFAS-Free) | CRM1085A (PFAS-Free) | QMI519 (PFAS-Free) | Yes |
| **Molding Compound Material** | G631H | G700L | | G631BQF | G631H | G700L | | G631BQF | G700LTD | Yes |
| **Lead-Frame Material** | C194 | C194 | | C194 | C194 | C194 | | C194 | EFTEC-64T | Yes |
| **Lead-Frame Paddle Size** | 193x193 mils | 193x193 mil | | 197x197 mils | 193x193 mils | 193x193 mil | | 197x197 mils | 193x193 mils | No |
| **Lead-Frame DAP Surface Prep** | Ag Ring Plated | Ag Ring Plated | | Ag Ring Plated | Ag Ring Plated | Ag Ring Plated | | Ag Ring Plated | Ag Ring Plated | No |
| **Lead-Frame Design** | See Pre and Post Change Summary Attachment for Comparison. | | | | | | | | | |

**Impacts to Datasheet:** None

**Change Impact:** None

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

**Change Implementation Status:** In Progress

**Estimated First Ship Date:** 28 December 2026 (date code: 2653)

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

**Timetable Summary**:

| | November 2026 | | | | December 2026 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Work Week | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| 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.
Note: This is a qualification by similarity (QBS) to CCB# 8202.

**Revision History:** November 04, 2026: Issued final notification.
November 09, 2026: Re-issued final notification to add pre and post change summary.

**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-28QANC340_Pre_and_Post_Change_Summary.pdf**
**PCN_MAAN-28QANC340 Qual Report.pdf**

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

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