



## Product Change Notification: MAAN-02XTCD701

**Date:**

07-Apr-2025

**Product Category:**

Crypto Memory

**Notification Subject:**

CCB 6789 Initial Notice: Qualification of MTAI as an additional assembly site for selected AT88AH001, AT88AH002, AT88SC1616C, AT88SC0104C, AT88SC0204C, AT88SC0404C, and AT88SC0808C device families available in 8L SOIC (3.90mm) package.

**Affected CPNs:**

[MAAN-02XTCD701\\_Affected\\_CPN\\_04072025.pdf](#)

[MAAN-02XTCD701\\_Affected\\_CPN\\_04072025.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 MTAI as an additional assembly site for selected AT88AH001, AT88AH002, AT88SC1616C, AT88SC0104C, AT88SC0204C, AT88SC0404C, and AT88SC0808C device families available in 8L SOIC (3.90mm) package.

**Pre and Post Summary Changes:**

	<b>Pre Change</b>	<b>Post Change</b>	
<b>Assembly Site</b>	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	Microchip Technology Thailand (HQ) (MTAI)
<b>Wire Material</b>	Au	Au	CuPdAu
<b>Die Attach Material</b>	EN-4900G	EN-4900G	QMI519

<b>Molding Compound Material</b>	G700LY	G700LY	G600V
<b>Lead-Frame Material</b>	C194	C194	A194
<b>Lead-Frame Paddle Size</b>	98 x 130 mils	98 x 130 mils	104 x 153 mils
<b>DAP Surface Prep</b>	PPF	PPF	Bare Cu

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

### 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 Qualification Completion Date:** August 2025

**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:

**Method to Identify Change:** Traceability Code

**Qualification Plan:** Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:** January 5, 2024: Issued initial notification.

April 07, 2025: Re-issued initial notification. Updated the Notification Subject and Description of Change to remove AT88AA006. Updated the Pre and Post Change Summary wire material for MTAI to CuPdAu. Removed AT88AA006-SH-T to Affected CPN due to updated scope. Updated the Estimated Qualification Completion Date and Timetable Summary. Updated the Qual Plan attachment.

**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-02XTCD701\\_Pre\\_and\\_Post\\_Change\\_Summary.pdf\*\*](#)

[\*\*PCN\\_MAAN-02XTCD701\\_Qual\\_Plan.pdf\*\*](#)

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

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