



Product Change Notification: ALAN-25ZCZI020

Date:

06-Dec-2024

Product Category:

32-Bit Microcontrollers

Notification Subject:

CCB 6448.001 Final Notice: Qualification of MP3A as an additional assembly site for selected ATSAMC21E15, ATSAMC21E17A, ATSAMC21E18A, ATSAMC20E17A, ATSAMC21E15A, ATSAMC20E16A, ATSAMC21E16A, ATSAMC20E18A, and ATSAMC20E15A device families available in 32L VQFN (5x5x1mm) package.

Affected CPNs:

[**ALAN-25ZCZI020_Affected_CPN_12062024.pdf**](#)

[**ALAN-25ZCZI020_Affected_CPN_12062024.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 MP3A as an additional assembly site for selected ATSAMC21E15, ATSAMC21E17A, ATSAMC21E18A, ATSAMC20E17A, ATSAMC21E15A, ATSAMC20E16A, ATSAMC21E16A, ATSAMC20E18A, and ATSAMC20E15A device families available in 32L VQFN (5x5x1mm) package.

Pre and Post Summary Changes:

| | Pre Change | Post Change | |
|---------------|--|--|--|
| Assembly Site | Microchip Technology Thailand (Branch) (MMT) | Microchip Technology Thailand (Branch) (MMT) | Microchip Technology Inc. (MPHIL-3) (MP3A) |

| | | | |
|---------------------------|---------|---------|---------|
| Wire Material | Au | Au | Au |
| Die Attach Material | 3280 | 3280 | 3280 |
| Molding Compound Material | G700LTD | G700LTD | G700LTD |
| Lead-Frame Material | C194 | C194 | C194 |

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying an additional assembly site MP3A.

Change Implementation Status: In Progress

Estimated First Ship Date: 21 January 2025 (date code: 254)

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

Timetable Summary:

Method to Identify Change: Traceability Code

Qualification Report: Please open the attachments included with this PCN labeled as PCN_{PCN}_Qual_Report.

Revision History: November 28, 2024: Issued final PCN notification.
December 6, 2025: Re-issued final PCN to correct timetable 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_ALAN-25ZCZI020_Qual_Report.pdf](#)

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

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