



## Product Change Notification / ALAN-19CNAD783

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### Date:

12-Oct-2023

### Product Category:

8-bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6332.001 Initial Notice: Qualification of MTAI as the new test location for selected ATTINY85xx, ATTINY45xx, and ATTINY25xx device families available in 8L SOIJ (.208in) and 8L SOIC (.150in) packages.

### Affected CPNs:

[ALAN-19CNAD783\\_Affected\\_CPN\\_10122023.pdf](#)  
[ALAN-19CNAD783\\_Affected\\_CPN\\_10122023.csv](#)

### Notification Text:

#### Notification Body:

**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 the new test location for selected ATTINY85xx, ATTINY45xx, and ATTINY25xx device families available in 8L SOIJ (.208in) and 8L SOIC (.150in) packages.

### Pre and Post Change Summary:

**For 8L SOIC Package:**

|   |                  | Pre Change  |   | Post Change                                   |
|---|------------------|---|---|---|
| Final Test Site                                 |                  | Amkor Technology<br>Philippine<br>(P1/P2), INC.<br>(ANAP)                       | Lingsen Precision<br>Industries,<br>LTD.<br>(LPI) | Microchip<br>Technology<br>Thailand<br>(MTAI) |
| Base<br>Quantity<br>Multiple<br>(BQM)           | Tube             | 100   | 100   | 100   |
|   | Tape and<br>Reel | 4000  | 4000  | 4000  |
| Pin 1<br>Orientation                            | Tape and<br>Reel | Quadrant 1  | Quadrant 1  | Quadrant 1                                    |
|   | Tube             | See Pre and Post Change Summary for comparison.                                 |   |   |
| Carrier Tape                                    |                  | Minimal dimensional changes. See Pre and Post<br>Change Summary for comparison. |   |   |
| Cover Tape                                      |                  |   |   |   |
| Plastic Reel                                    |                  |   |   |   |
| See Pre and Post Change Summary for comparison. |                  |   |   |   |

**For 8L SOIJ Package:**

|   |                  | Pre Change   |   | Post Change                                   |
|---|------------------|--|---|---|
| Final Test Site                                 |                  | Amkor Technology<br>Philippine<br>(P1/P2), INC.<br>(ANAP)                          | Lingsen Precision<br>Industries,<br>LTD.<br>(LPI) | Microchip<br>Technology<br>Thailand<br>(MTAI) |
| Base<br>Quantity<br>Multiple<br>(BQM)           | Tube             | 95   | 95  | 90  |
|   | Tape and<br>Reel | 2000   | 2000  | 2000  |
| Pin 1<br>Orientation                            | Tape and<br>Reel | Quadrant 1   | Quadrant 1  | Quadrant 1                                    |
|   | Tube             | See Pre and Post Change Summary for comparison.                                    |   |   |
| Carrier Tape                                    |                  | With minor dimensional changes. See Pre and Post<br>Change Summary for comparison. |   |   |
| Cover Tape                                      |                  |  |   |   |
| Plastic Reel                                    |                  |  |   |   |
| See Pre and Post Change Summary for comparison. |                  |  |   |   |

**Impacts to Data Sheet:**None

**Change Impact**None

**Reason for Change:**To improve manufacturability by qualifying MTAI as the new final test site.

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**October 2023

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.

**Time Table Summary:**

|                          | October 2023 |        |        |        |        |
|--------------------------|--------------|--------|--------|--------|--------|
| Workweek                 | 4<br>0       | 4<br>1 | 4<br>2 | 4<br>3 | 4<br>4 |
| 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:**October 12, 2023: Issued initial notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

**Attachments:**

[PCN\\_ALAN-19CNAD783 Qual Plan.pdf](#)

[PCN\\_ALAN-19CNAD783\\_Pre\\_and\\_Post\\_Change\\_Summary.pdf](#)

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

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