



## Product Change Notification / RMES-20LCEZ199

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**Date:**

12-Feb-2024

**Product Category:**

8-Bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 6369 Final Notice: Qualification of ASE9 as a new final test site for selected ATMEGA16xx, ATMEGA32xx, ATMEGA644xx, and ATMEGA85xx device families available in 44L TQFP (10x10x1mm) package.

**Affected CPNs:**

[RMES-20LCEZ199\\_Affected\\_CPN\\_02122024.pdf](#)

[RMES-20LCEZ199\\_Affected\\_CPN\\_02122024.csv](#)

**Notification Text:**

**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 ASE9 as a new final test site for selected ATMEGA16xx, ATMEGA32xx, ATMEGA644xx, and ATMEGA85xx device families available in 44L TQFP (10x10x1mm) package.

**Pre and Post Change Summary:**

|  | Pre Change | Post Change |
|--|------------|-------------|
|--|------------|-------------|

| Final Test Site              |           | Lingsen Precision Industries, LTD. (LPI)        | ASE Test (ASE9)                                                         |                   |
|------------------------------|-----------|-------------------------------------------------|-------------------------------------------------------------------------|-------------------|
| Base Quantity Multiple (BQM) |           | Tape and Reel                                   | 2000                                                                    | 2000              |
| Pin 1 Orientation            |           |                                                 | Quadrant 1                                                              | Quadrant 1        |
| Carrier Tape                 |           |                                                 | No dimensional changes. See Pre and Post Change Summary for comparison. |                   |
| Reel                         | Dimension |                                                 | No dimensional changes.                                                 |                   |
|                              | Color     |                                                 | White                                                                   | White             |
| Packing Method               |           |                                                 | See Pre and Post Change Summary for comparison.                         |                   |
| Base Quantity Multiple (BQM) |           |                                                 | Tray                                                                    | 160               |
| Pin 1 Orientation            |           | Near Tray Chamfer                               |                                                                         | Near Tray Chamfer |
| Packing Method               |           | See Pre and Post Change Summary for comparison. |                                                                         |                   |

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve productivity by qualifying ASE9 as a new final test site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**April 01, 2024 (date code: 2414)

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

**Time Table Summary:**

|                          | July 2023 |    |    |    |    | > | February 2024 |    |    |    |    | > | April 2024 |    |    |    |    |
|--------------------------|-----------|----|----|----|----|---|---------------|----|----|----|----|---|------------|----|----|----|----|
| Workweek                 | 27        | 28 | 29 | 30 | 31 |   | 05            | 06 | 07 | 08 | 09 |   | 14         | 15 | 16 | 17 | 19 |
| Initial PCN Issue Date   |           |    |    | x  |    |   |               |    |    |    |    |   |            |    |    |    |    |
| Qual Report Availability |           |    |    |    |    |   |               |    | x  |    |    |   |            |    |    |    |    |
| Final PCN Issue Date     |           |    |    |    |    |   |               |    | x  |    |    |   |            |    |    |    |    |
| Estimated Implementation |           |    |    |    |    |   |               |    |    |    |    |   | x          |    |    |    |    |

|      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Date |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Method to Identify Change:**Traceability code

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

**Revision History:**

**July 25, 2023:** Issued initial notification.

**August 02, 2023:** Re-issued initial notification to correct the typo error for LPI carrier tape data. Updated the PCN letter and ppt file to reflect that there are no dimensional changes in carrier tape.

**February 12, 2024:** Issued final 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\\_RMES-20LCEZ199\\_Pre\\_and\\_Post\\_Change\\_\\_Summary.pdf](#)  
[PCN\\_RMES-20LCEZ199\\_Qual\\_Report.pdf](#)

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

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