



## Product Change Notification - LIAL-14UBGG341

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**Date:**

28 Feb 2020

**Product Category:**

32-bit Microcontrollers

**Affected CPNs:****Notification subject:**

CCB 4068 Final Notice: Qualification of MTAI as an additional final test site for selected ATSAMD20G1xx Atmel device families available in 48L TQFP (7x7x1mm) package.

**Notification text:****PCN Status:**

Final notification.

**PCN Type:**

Manufacturing Change

**Microchip Parts Affected:**

Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

**Description of Change:**

Qualification of MTAI as an additional final test site for selected ATSAMD20G1xx Atmel device families available in 48L TQFP (7x7x1mm) package.

**Pre Change:**

Tested at ASE9 or MPHL final test site

**Post Change:**

Tested at ASE9, MPHL or MTAI final test site

**Pre and Post Change Summary**

|                               |                      | Pre Change          |   | Post Change         |   |  |
|-------------------------------|----------------------|---------------------|---|---------------------|---|--|
| <b>Final Test Site</b>        |                      | ASE Test (ASE9)     | Microchip Technology Operations (Philippines) Corporation<br>MPHL | ASE Test (ASE9)     | Microchip Technology Operations (Philippines) Corporation<br>MPHL | Microchip Technology Thailand (HQ)<br>(MTAI) |
| <b>Base Quantity Multiple</b> | <b>Tape and reel</b> | 2500 units per reel | 2500 units per reel   | 2500 units per reel | 2500 units per reel   | 2500 units per reel                          |
|                               | <b>Tray</b>          | 250 units per tray  | As received from assembly   | 250 units per tray  | As received from assembly   | 250 units per tray                           |



|                                 |  |            |            |            |            |            |
|---------------------------------|--|------------|------------|------------|------------|------------|
| (BQM)                           |  |            |            |            |            |            |
| Pin 1 Orientation for reel      | Quadrant 1   | Quadrant 1 | Quadrant 1 | Quadrant 1 | Quadrant 1 | Quadrant 1 |
| Carrier Tape Dimension (reel)   | Minor dimensional changes (see pre and post change comparison) |            |            |            |            |            |
| Cover Tape Dimension for (reel) | See pre and post change comparison                             |            |            |            |            |            |
| Reel                            | Minor dimensional and color changes (see attached)             |            |            |            |            |            |
| Tray                            | See pre and post change comparison                             |            |            |            |            |            |
| Packing Method                  | Minor dimensional changes (see pre and post change comparison) |            |            |            |            |            |

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve on-time delivery performance by qualifying MTAI as an additional final test site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date**

March 28, 2020 (date code: 2013)

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

**Time Table Summary:**

|                               | February 2020 |    |    |    |    | March 2020 |    |    |    |    |
|-------------------------------|---------------|----|----|----|----|------------|----|----|----|----|
| Workweek                      | 05            | 06 | 07 | 08 | 09 | 10         | 11 | 12 | 13 | 14 |
| 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

**Revision History:**



**February 28, 2020:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on March 28, 2020.

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

**Attachment(s):**

[PCN\\_LIAL-14UBGG341\\_Qual Report.pdf](#)

[PCN\\_LIAL-14UBGG341\\_Packing information pre and post change.pdf](#)

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

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATSAMD20G14A-AUA4  
ATSAMD20G15A-AUA4  
ATSAMD20G17A-AUA4  
ATSAMD20G18A-AUA4  
ATSAMD20G14A-AU  
ATSAMD20G15A-AU  
ATSAMD20G16A-AU  
ATSAMD20G17A-AU  
ATSAMD20G18A-AU  
ATSAMD20G16A-AUA4  
ATSAMD20G18A-AUA2  
ATSAMD20G16A-AUA2  
ATSAMD20G17A-AUA2  
ATSAMD20G15A-AUA2  
ATSAMD20G14A-AUA2  
ATSAMD20G14A-AN  
ATSAMD20G15A-AN  
ATSAMD20G16A-AN  
ATSAMD20G17A-AN  
ATSAMD20G18A-AN  
ATSAMD20G14A-ANT  
ATSAMD20G15A-ANT  
ATSAMD20G17A-ANT  
ATSAMD20G18A-ANT  
ATSAMD20G16A-ANT  
ATSAMD20G14A-AUTA4  
ATSAMD20G15A-AUTA4  
ATSAMD20G16A-AUTA4  
ATSAMD20G18A-AUTA4  
ATSAMD20G14A-AUT  
ATSAMD20G15A-AUT  
ATSAMD20G16A-AUT  
ATSAMD20G17A-AUT  
ATSAMD20G18A-AUT  
ATSAMD20G16A-AUTA2  
ATSAMD20G18A-AUTA2  
ATSAMD20G17A-AUTA2  
ATSAMD20G15A-AUTA2  
ATSAMD20G14A-AUTA2