



## Product Change Notification / ALAN-07OVGV252

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**Date:**

09-Jan-2024

**Product Category:**

8-Bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 6771 Final Notice: Qualification of C194 as an additional lead-frame for selected PIC16F18426, PIC16F18425, PIC16F18424, PIC16F15324, PIC16F18326, PIC16F15323, and PIC16F15325 device families available in 16L UQFN (4x4x0.5mm) package.

**Affected CPNs:**

[ALAN-07OVGV252\\_Affected\\_CPN\\_01092024.pdf](#)

[ALAN-07OVGV252\\_Affected\\_CPN\\_01092024.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 C194 as an additional lead-frame for selected PIC16F18426, PIC16F18425, PIC16F18424, PIC16F15324, PIC16F18326, PIC16F15323, and PIC16F15325 device families available in 16L UQFN (4x4x0.5mm) package.

**Pre and Post Change Summary:**

|                           | Pre Change                              | Post Change                           |                                       |
|---------------------------|---|---------------------------------------|---------------------------------------|
| Assembly Site             | UTAC Thai Limited (UTL-1) LTD. (NSEB)   | UTAC Thai Limited (UTL-1) LTD. (NSEB) | UTAC Thai Limited (UTL-1) LTD. (NSEB) |
| Wire Material             | Au                                      | Au                                    | Au                                    |
| Die Attach Material       | 8600                                    | 8600                                  | 8600                                  |
| Molding Compound Material | G700LTD                                 | G700LTD                               | G700LTD                               |
| Lead-Frame Material       | EFTEC64T                                | EFTEC64T                              | C194                                  |
| Lead-Frame Design         | See Pre and Post Change for comparison. |                                       |                                       |

**Impacts to Data Sheet:**None

**Change Impact**None

**Reason for Change:**Improve manufacturability by qualifying C194 as an additional lead-frame.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**March 2, 2024 (date code: 2409)

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

**Time Table Summary:**

|                               | January 2024 |   |   |   |   | > | March 2024 |    |    |    |    |
|-------------------------------|--------------|---|---|---|---|---|------------|----|----|----|----|
| Workweek                      | 1            | 2 | 3 | 4 | 5 |   | 9          | 10 | 11 | 12 | 13 |
| 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:**January 09, 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\\_ALAN-07OVGV252\\_Qual Report.pdf](#)

[PCN\\_ALAN-07OVGV252\\_Pre and Post Change\\_Summary.pdf](#)

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

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