



## Product Change Notification / JAON-23VTYQ024

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### Date:

26-Mar-2021

### Product Category:

PoE PSE

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4611 Initial Notice: Qualification of MMT as an additional assembly site for selected Microsemi PD69101ILQ-TR and PD69101ILQ-13155TR catalog part numbers (CPN) available in 24L VQFN (4x5x1.0mm) package.

### Affected CPNs:

[JAON-23VTYQ024\\_Affected\\_CPN\\_03262021.pdf](#)

[JAON-23VTYQ024\\_Affected\\_CPN\\_03262021.csv](#)

### Notification Text:

**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 MMT as an additional assembly site for selected Microsemi PD69101ILQ-TR and PD69101ILQ-13155TR catalog part numbers (CPN) available in 24L VQFN (4x5x1.0mm) package.

### Pre and Post Change Summary:

|               | Pre Change     |           | Post Change    |           |                      |
|---------------|----------------|-----------|----------------|-----------|----------------------|
| Assembly Site | Unisem Chengdu | UTAC Thai | Unisem Chengdu | UTAC Thai | Microchip Technology |

|                               | Co.,Ltd (UNIC)                              | Limited (UTL-1)<br>LTD. (NSEB) | Co.,Ltd (UNIC) | Limited (UTL-1)<br>LTD. (NSEB) | Thailand (Branch)<br>(MMT) |
|-------------------------------|---------------------------------------------|--------------------------------|----------------|--------------------------------|----------------------------|
| <b>Bond Wire material</b>     | Au                                          | CuPdAu                         | Au             | CuPdAu                         | CuPdAu                     |
| <b>Die Attach material</b>    | 8290                                        | 8600                           | 8290           | 8600                           | 3280                       |
| <b>Mold compound material</b> | G770HP                                      | G700LTD                        | G770HP         | G700LTD                        | G700LTD                    |
| <b>Lead frame material</b>    | A194                                        | EFTEC-64T                      | A194           | EFTEC-64T                      | A194                       |
| <b>Lead frame lead lock</b>   | No                                          | Yes                            | No             | Yes                            | Yes                        |
|                               | See attached pre and post change comparison |                                |                |                                |                            |

**Impacts to Data Sheet:** None

**Change Impact:**None

**Reason for Change:**To improve on-time delivery performance by qualifying MMT as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**July 2021

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:**

|                          | March 2021 |    |    |    |    | -> | July 2021 |    |    |    |    |
|--------------------------|------------|----|----|----|----|----|-----------|----|----|----|----|
| Workweek                 | 10         | 11 | 12 | 13 | 14 |    | 27        | 28 | 29 | 30 | 31 |
| 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:****March 26, 2021:** 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\\_JAON-23VTYQ024\\_Qual\\_Plan.pdf](#)

[PCN\\_JAON-23VTYQ024\\_Pre and Post Change\\_Summary.pdf](#)

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

## Terms and Conditions:

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