



Product Change Notification / MFOL-18WXC0168

Date:

19-Sep-2023

Product Category:

CAN Controller

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6533 Initial Notice: Qualification of MMT as an additional assembly site for MCP2518FDT-H/QBBVAO, MCP2518FDT-E/QBBVAO, MCP2518FDT-H/QBB, MCP2518FDT-E/QBB available in 14L VDFN (3x4.5x1.0mm) package.

Affected CPNs:

[MFOL-18WXC0168_Affected_CPN_09192023.pdf](#)

[MFOL-18WXC0168_Affected_CPN_09192023.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 MCP2518FDT-H/QBBVAO, MCP2518FDT-E/QBBVAO, MCP2518FDT-H/QBB, MCP2518FDT-E/QBB available in 14L VDFN (3x4.5x1.0mm) package.

Pre and Post Change Summary:

| | | Pre Change | Post Change | |
|------------------------------|---------------------|-------------------|-------------------|---|
| Assembly Site | | ASE Inc. (ASE) | ASE Inc. (ASE) | Microchip Technology Thailand (Branch) (MMT) |
| Wire Material | | Au | Au | Au |
| Die Attach Material | | FH-900 | FH-900 | 8006NS |
| Molding Compound Material | | G631H | G631H | G700LTD |
| Lead-Fra me | Material | C194 | C194 | A194 |
| | Lead-lock | No | No | Yes |
| | Paddle size | 75x165 | 75x165 | 75x169 |
| | DAP surface Prep | Bare Cu | Bare Cu | Ag |

Note 1: C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling difference.

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:November 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:

| | September 2023 | | | | | > | November 2023 | | | | |
|---------------------------|----------------|--------|--------|--------|--------|---|---------------|----|----|----|----|
| Workweek | 3 5 | 3 6 | 3 7 | 3 8 | 3 9 | | 44 | 45 | 46 | 47 | 48 |
| 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:September 19, 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_MFOL-18WXC0168_Pre and Post Change Summary.pdf](#)

[PCN_MFOL-18WXC0168_Qual_Plan.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.

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Affected Catalog Part Numbers (CPN)

MCP2518FDT-H/QBBVAO

MCP2518FDT-E/QBBVAO

MCP2518FDT-H/QBB

MCP2518FDT-E/QBB