



Product Change Notification / NTDO-04BHBR022

Date:

09-Mar-2022

Product Category:

Closed Fan Controllers, Current And Power Measurement ICs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4782 Final Notice: Qualification of MTAI as an additional assembly site for selected SMSC EMC1701, EMC1702, EMC2103 and EMC2303 device families available in 12L QFN (4x4x0.9mm) package assembled at ASE assembly site.

Affected CPNs:

[NTDO-04BHBR022_Affected_CPN_03092022.pdf](#)

[NTDO-04BHBR022_Affected_CPN_03092022.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 MTAI as an additional assembly site for selected SMSC EMC1701, EMC1702, EMC2103 and EMC2303 device families available in 12L QFN (4x4x0.9mm) package assembled at ASE assembly site.

Pre and Post Change Summary:

| | Pre Change | Post Change | |
|---------------------------|-----------------|-----------------|---|
| Assembly Site | ASE Inc. (ASE) | ASE Inc. (ASE) | Microchip Technology Thailand (HQ) MTAI |
| Wire Material | Au / PdCu | Au / PdCu | Au |
| Die Attach Material | EN-4900F | EN-4900F | QMI-519 |
| Molding Compound Material | G631H | G631H | G700LTD |
| Lead-Frame Material | A194 | A194 | A194 |
| Lead-Frame Paddle Size | 91 x 91 mm | 91 x 91 mm | 91 x 91 mm |
| Lead-Frame Lead-lock | No | No | Yes |
| DAP Surface Prep | Ag ring plating | Ag ring plating | Ag ring plating |

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated First Ship Date:March 07, 2022 (date code: 2211)

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

Time Table Summary:

| | November 2021 | | | | | → | February 2022 | | | | March 2022 | | | | |
|---------------------------|---------------|---|---|---|---|---|---------------|---|---|---|------------|---|---|---|---|
| | 4 | 4 | 4 | 4 | 4 | | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| Workweek | 5 | 6 | 7 | 8 | 9 | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 2 | 4 |
| Initial PCN Issue Date | | | x | | | | | | | | | | | | |
| Qual Report Availability | | | | | | | | x | | | | | | | |
| Final PCN Issue Date | | | | | | | | x | | | | | | | |
| Estimated First Ship 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:

November 17, 2021: Issued initial notification.

February 11, 2022: Issued final notification. Corrected the lead frame lead-lock for ASE in Post Change column from Yes to No. Provided estimated first ship date to be March 07, 2022.

March 09, 2022: Re-issued final notification. Attached qualification report and updated the timetable summary.

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

Attachments:

[PCN_NTDO-04BHBR022_Pre_and_Post_Change_Summary.pdf](#)

[PCN_NTDO-04BHBR022_Qual Report.pdf](#)

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

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assembly site.

Affected Catalog Part Numbers (CPN)

EMC1701-1-KP-TR

EMC1702-1-KP-TR

EMC2103-1-KP-TR

EMC2303-1-KP-TR