



Product Change Notification / MFOL-18JNFU192

Date:

27-Jun-2024

Product Category:

Power Discrete Components, Power Discrete Products

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6499 Final Notice: Qualification of MG15F-35AB and MG15F-0140B as a new mold compound material for various products available in SOT-227 and TO-247 packages at FSTS assembly site.

Affected CPNs:

[MFOL-18JNFU192_Affected_CPN_06272024.pdf](#)
[MFOL-18JNFU192_Affected_CPN_06272024.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 MG15F-35AB and MG15F-0140B as a new mold compound material for various products available in SOT-227 and TO-247 packages at FSTS assembly site.

Pre and Post Change Summary:

| | Pre Change | Post Change |
|---------------|------------------------------------|------------------------------------|
| Assembly Site | Fastech Electronique Inc (FSTS) | Fastech Electronique Inc (FSTS) |

| | | |
|---------------------------|------------------------|-------------------------|
| Wire Material | Al | Al |
| Die Attach Material | PbSn2Ag2.5, PbSn5Ag2.5 | PbSn2Ag2.5, PbSn5Ag2.5 |
| Molding Compound Material | MG15F-35A, MG15F-0140 | MG15F-35AB, MG15F-0140B |
| Lead-Frame Material | Cu | Cu |

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying MG15F-35AB and MG15F-0140B as a new mold compound material at FSTS assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:June 29, 2024 (date code: 2426)

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

Time Table Summary:

| | February 2024 | | | | | > | May 2024 | | | | June 2024 | | | | |
|-------------------------------|---------------|----|----|----|----|---|----------|----|----|----|-----------|----|----|----|----|
| | 05 | 06 | 07 | 08 | 09 | | 18 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Initial PCN Issue Date | | | | | x | | | | | | | | | | |
| Oual Report Availability | | | | | | | | | x | | | | | | |
| Final PCN Issue Date | | | | | | | | | x | | | | | | |
| Estimated Implementation Date | | | | | | | | | | | | | | | x |

Method to Identify Change:Traceability code

Qualification Report:Available upon request.

Revision History:February 26, 2024: Issued initial notification.

May 24, 2024: Issued final notification. Revised the affected parts list. Provided estimated first ship date to be on June 29, 2024.

June 27, 2024: Re-issued final notification. Updated the affected parts list to include CPN MSC035SMA070BV01 based on the updated scope.

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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