



Product Change Notification / NTDO-19DWDC210

Date:

23-May-2024

Product Category:

High Voltage Power Modules, Power Discrete Components

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6499.002 Final Notice: Qualification of MG15F-35AB and MG15F-0140B as a new mold compound material for various products available in TO-264, SOT-227 and TO-247 packages at FSTS assembly site.

Affected CPNs:

[NTDO-19DWDC210_Affected_CPN_05232024.pdf](#)

[NTDO-19DWDC210_Affected_CPN_05232024.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 TO-264, 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.

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				
Workweek	05	06	07	08	09		18	19	20	21	22	23	24	25	26	27
Initial PCN Issue Date					x											
Qual 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 27, 2024: Issued initial notification.

May 23, 2024: Issued final notification. Revised the affected parts list. Provided estimated first ship date to be on June 29, 2024.

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

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

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Affected Catalog Part Numbers (CPN)

- APL1001J
- APL501J
- APL502B2G
- APL502J
- APL502LG
- APL602B2G
- APL602J
- APL602LG
- APT1001R1BNG
- APT1001R6BFLLG
- APT1001RBNG
- APT1001RBVFRG
- APT1001RBVRG
- APT10021JFLL
- APT10021JLL
- APT10025JVFR
- APT10025JVR
- APT10026L2FLLG
- APT10035JFLL
- APT10035JLL
- APT10035LLL
- APT1003RBFLLG
- APT1003RBLLG
- APT10045B2FLLG
- APT10045B2LLG
- APT10045JLL
- APT10045LFLLG
- APT1004RBNG
- APT10050B2VFRG
- APT10050JN
- APT10050JVFR
- APT10050LVRG
- APT10053LNRG
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