



Product Change Notification / NTDO-19DWDC210

Date:

29-Feb-2024

Product Category:

High Voltage Power Modules, Power Discrete Components

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6499.002 Initial 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_02292024.pdf](#)

[NTDO-19DWDC210_Affected_CPN_02292024.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 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
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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 Qualification Completion Date:May 2024

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:

	February 2024					>	May 2024				
Workweek	05	06	07	08	09		18	19	20	21	22
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:February 29, 2024: 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_NTDO-19DWDC210_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.

Affected Catalog Part Numbers (CPN)

APL502LG
APL602LG
APT10026L2FLLG
APT10035LLLG
APT10045LFLLG
APT10050LVRG
APT10053LNRG
APT100GN60LDQ4G
APT100S20LCTG
APT102GA60L
APT106N60LC6
APT10M09LVFRG
APT10M11LVRG
APT12057LFLLG
APT12060LVRG
APT12080LVRG
APT12040L2FLLG
APT150GN60LDQ4G
APT20M16LLLG
APT20M18LVRG
APT20M20LFLLG
APT20M22LVFRG
APT20M22LVRG
APT30M36LLLG
APT34F100L
APT34N80LC3G
APT35GN120L2DQ2G
APT37M100L
APT38F80L
APT44F80L
APT48M80L
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APT80GA90LD40
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APT80GA90B
APT80GP60B2G
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APT85GR120B2
APT8M100B
APT95GR65B2
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ARF465BG
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CC1181AG
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CC1202
CC2515
CC3037G

CC3038G

CC3069G

CC3088A

CC3116

CC3119

CC3120

CC3121

CC4091A

CC4091B

APT58M50J

APT15DQ60BG

APT50GN120L2DQ2G



MICROCHIP

QUALIFICATION PLAN SUMMARY

PCN #: NTDO-19DWDC210

**Date:
February 17, 2024**

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.

