



## Product Change Notification / MFOL-19BUCB308

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### Date:

27-Feb-2024

### Product Category:

High Voltage Power Modules, Power Discrete Components

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6500.001 Initial Notice: Qualification of MG15F-0140B as a new mold compound material for various products available in SOT-227, TO-264, TO-268 and TO-247 packages at TEAM assembly site.

### Affected CPNs:

[MFOL-19BUCB308\\_Affected\\_CPN\\_02272024.pdf](#)  
[MFOL-19BUCB308\\_Affected\\_CPN\\_02272024.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-0140B as a new mold compound material for various products available in SOT-227, TO-264, TO-268 and TO-247 packages at TEAM assembly site.

### Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	TEAM PACIFIC	TEAM PACIFIC

	CORPORATION (TEAM)	CORPORATION (TEAM)
Wire Material	Al	Al
Die Attach Material	PbSn2Ag2.5, PbSn5Ag2.5	PbSn2Ag2.5, PbSn5Ag2.5
Molding Compound Material	MG15F-0140	MG15F-0140B
Lead-Frame Material	Cu	Cu

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve productivity by qualifying MG15F-0140B as a new mold compound material at TEAM 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 27, 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\\_MFOL-19BUCB308\\_Qual Plan.pdf](#)

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

## Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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)

APT60D100BG  
APT60D120BG  
APT60D20BG  
APT60D40BG  
APT60D60BG  
APT75DQ120BG  
APT60DQ100BG  
APT60DQ120BG  
APT75DQ60BG  
APT60DQ60BG  
APT30S20BG  
APT30D100BG  
APT30D120BG  
APT30D20BG  
APT30D40BG  
APT30D60BG  
APT30D30BG  
APT40DQ100BG  
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APT30D100BCTG  
APT30D120BCTG  
APT30D20BCTG  
APT30D40BCTG  
APT30D60BCTG  
APT40DQ60BCTG  
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