



Product Change Notification: DSNO-10QNW0017

Date:

19-Dec-2024

Product Category:

Power Discrete Components

Notification Subject:

CCB 6440.003 Final Notice: Qualification of ASEW as an additional assembly site for MSC035SMA170B, MSC090SMA070B, MSC015SMA070B, MSC017SMA120B, MSC060SMA070B, MSC750SMA170B, MSC180SMA120B, MSC040SMA120B, MSC080SMA120B, MSC035SMA070B, MSC025SMA120B and MSC360SMA120B catalog part numbers (CPN) available in 3L TO-247 package.

Affected CPNs:

[DSNO-10QNW0017_Affected_CPN_12192024.pdf](#)
[DSNO-10QNW0017_Affected_CPN_12192024.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 ASEW as an additional assembly site for MSC035SMA170B, MSC090SMA070B, MSC015SMA070B, MSC017SMA120B, MSC060SMA070B, MSC750SMA170B, MSC180SMA120B, MSC040SMA120B, MSC080SMA120B, MSC035SMA070B, MSC025SMA120B and MSC360SMA120B catalog part numbers (CPN) available in 3L TO-247 package.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	Fastech Electronique Inc. (FSTS)	Fastech Electronique Inc. (FSTS)	ATX Semiconductor (Weihai) Co. Ltd (ASEW)
Wire Material	Al	Al	Al
Die Attach Material	Pb92.5Sn5Ag2.5	Pb92.5Sn5Ag2.5	Pb88Sn10Ag2
Molding Compound Material	MG15F-35A	MG15F-35A	G700HF
Lead-Frame Material	PMC90	PMC90	C19210
Lead-Frame Design	See Pre and Post Change Summary attachment for comparison		

Note: PMC90 and C19210 Lead frame material are the same, it is just a MCHP internal labelling difference.

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated First Ship Date:January 17, 2025 (date code: 2503)

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

Time Table Summary:

	December 2024				January 2025				
Workweek	49	50	51	52	01	02	03	04	05
Qual Report Availability			x						
Final PCN Issue Date			x						
Estimated Implementation 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:December 19, 2024: Issued final 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_DSNO-10QNW0017_Qual_Report.pdf

PCN_DSNO-10QNW0017_Pre and Post Change Summary.pdf

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

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