



Product Change Notification / ALAN-18KFQO196

Date:

22-May-2023

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6017 Initial Notice: Qualification of MMT as an additional assembly site for selected AT24Cxx device family available in 8L TSSOP (4.4mm) package.

Affected CPNs:

[ALAN-18KFQO196_Affected_CPN_05222023.pdf](#)

[ALAN-18KFQO196_Affected_CPN_05222023.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 MMT as an additional assembly site for selected AT24Cxx device family available in 8L TSSOP (4.4mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	ATX Semiconductor (Shanghai)Co. Ltd (ASSH)	Amkor Technology Philippine (P1/P2), INC. (ANAP)	ATX Semiconductor (Shanghai)Co. Ltd (ASSH)	Microchip Technology Thailand (Branch) (MMT)
Wire Material	PdCu	PdCu	PdCu	PdCu	Au
Die Attach Material	8290	EN-4900G	8290	EN-4900G	2200D
Molding Compound Material	G700A	G700LY	G700A	G700LY	G600V
Lead-Frame Material	C7025	C7025	C7025	C7025	C7025
Lead-Frame Paddle Size	98 x 87 mils	126 x 87 mils	98 x 87 mils	126 x 87 mils	118 x 87
DAP Surface Prep	PPF	PPF	PPF	PPF	Bare Cu

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:May 2023

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:

	May 2023			
Workweek	1 9	2 0	2 1	2 2
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:May 22, 2023: 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_ALAN-18KFQO196 Qual Plan.pdf](#)

[PCN_ALAN-18KFQO196_Pre and Post Change_Summary.pdf](#)

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

Terms and Conditions:

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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)

AT24C128C-XHM-T-834
AT24C16C-XHMAU-T
AT24C64D-XHMAU-T
AT24C512C-XHM-B
AT24C512C-XHD-B
AT24C512C-XHM-T
AT24C512C-XHD-T
AT24C512C-XHMEU-T
AT24C512C-XHDHB-T
AT24C08C-XHM-B
AT24C08C-XHM-T
AT24C256C-XHL-B
AT24C256C-XHL-T
AT24C16C-XHM-B
AT24C16C-XHM-T
AT24C64D-XHM-B
AT24C64D-XHM-T
AT24CM01-XHM-B
AT24CM01-XHD-B
AT24CM01-XHM-T
AT24CM01-XHD-T
AT24C128C-XHM-B
AT24C128C-XHMAU-T
AT24C128C-XHMEU-T
AT24C128C-XHM-T
AT24C32D-XHM-B
AT24C32D-XHM-T