



Product Change Notification / JAON-28UZCR504

Date:

28-Feb-2022

Product Category:

OTN Processors & PHYs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4700.002 Final Notice: Qualification of an additional bill of materials for Microsemi PM5426C-FEI, and PM5420C-FEI catalog part numbers (CPN) available in 1517L BBGA (40x40x3.22mm) package at ATK assembly site.

Affected CPNs:

[JAON-28UZCR504_Affected_CPN_02282022.pdf](#)

[JAON-28UZCR504_Affected_CPN_02282022.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 an additional bill of materials for Microsemi PM5426C-FEI, and PM5420C-FEI catalog part numbers (CPN) available in 1517L BBGA (40x40x3.22mm) package at ATK assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site		Amkor Technology Korea (K4), INC (ATK)	Amkor Technology Korea (K4), INC (ATK)
Bump material		Sn1.8Ag	Sn1.8Ag
Die attach Epoxy	Part Number	Please contact the MCHP Sales and Marketing representative for detailed material change summary for this PCN	
	Conductive	No	No
Under fill material		Please contact the MCHP Sales and Marketing representative for detailed material change summary for this PCN	
Substrate Material	Core Material	Please contact the MCHP Sales and Marketing representative for detailed material change summary for this PCN	
	Solder mask		
	Process		
Solder Ball		SAC305	SAC305

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity and on-time delivery performance by qualifying an additional bill of materials for Microsemi PM5426C-FEI, and PM5420C-FEI catalog part numbers (CPN) available in 1517L BBGA (40x40x3.22mm) package at ATK assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:March 21, 2022 (date code: 2213)

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

Time Table Summary:

	February 2022					March 2022			
Workweek	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4
Qual Report Availability					X				
Final PCN Issue Date					X				
Estimated							X		

Implementation Date										
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Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:February 28, 2022: 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_JAON-28UZCR504_Qual Report.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)

PM5426C-FEI

PM5420C-FEI