



Product Change Notification / JAON-16KKNA763

Date:

27-Oct-2022

Product Category:

Switchtec

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5176.001 Initial Notice: Qualification of an additional substrate material for selected PM411xxx, PM410xxx, PM401xxx, PM400xxx, PM420xxx, and PM421xxx device families available in 1467L BBGA (40x40x4.03mm) package at STAK assembly site.

Affected CPNs:

[JAON-16KKNA763_Affected_CPN_10272022.pdf](#)

[JAON-16KKNA763_Affected_CPN_10272022.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 an additional substrate material for selected PM411xxx, PM410xxx, PM401xxx, PM400xxx, PM420xxx, and PM421xxx device families available in 1467L BBGA (40x40x4.03mm) package at STAK assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	STATS CHIPPAC KOREA LTD. (STAK)	STATS CHIPPAC KOREA LTD. (STAK)	STATS CHIPPAC KOREA LTD. (STAK)
Substrate Material	E700GR	E700GR	E705G
SM Material	SR7300GR	SR7300GR	SR7300GRB
Bump Material	Sn1.8Ag	Sn1.8Ag	Sn1.8Ag
Die Attach Material	WF6317	WF6317	WF6317
Underfill Material	UF8830S	UF8830S	UF8830S

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity and on time delivery performance by qualifying an additional substrate material.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:December 2022

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:

	October 2022					>	December 2022				
Workweek	4 1	4 2	4 3	4 4	4 5		49	50	51	52	53
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:October 27, 2022: 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_JAON-16KKNA763_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)

PM41100B-FEI
PM41084B-FEI
PM41068B-FEI
PM40100B-FEI
PM40084B-FEI
PM40068B-FEI
PM42068B-FEI
PM42084B-FEI
PM42100B-FEI
PM40068B1-FEI
PM40084B1-FEI
PM40100B1-FEI
PM41068B1-FEI
PM41084B1-FEI
PM41100B1-FEI
PM42068B1-FEI
PM42084B1-FEI
PM42100B1-FEI