

Product Change Notification / RMES-07XGHT586

Date:

19-Jan-2022

Product Category:

OTN Processors & PHYs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4700 Final Notice: Qualification of an additional bill of materials for PM5456A-FEI, PM5451A-FEI and PM5450A-FEI Microsemi catalog part numbers (CPN) available in 1517L BBGA (40x40x3.22mm) package at ATK assembly site.

Affected CPNs:

RMES-07XGHT586_Affected_CPN_01192022.pdf RMES-07XGHT586_Affected_CPN_01192022.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 PM5456A-FEI, PM5451A-FEI and PM5450A-FEI Microsemi catalog part numbers (CPN) available in 1517L BBGA (40x40x3.22mm) package at ATK assembly site.

Pre and Post Change Summary:

Pre Change	Post Change

Asser	nbly Site	Amkor Technology Korea (K4), INC (ATK)	Amkor Technology Korea (K4), INC (ATK)						
Bump	material	Sn1.8Ag	Sn1	.8Ag					
Die attach	Part Number	SCF-5	SCF-5						
material	Conductive	No	No						
Under f	ill material	NAU-27-1F	NAU-27-1F						
	Core Material	E679FGR	E679FGR	E705G					
Substrate Material	Solder mask	AUS703	AUS	JS703					
Process		GX13	GX13 (
Solo	der Ball	SAC305	SAC305 SAC305						

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve productivity and on-time delivery performance by qualifying an additional bill of materials for PM5456A-FEI, PM5451A-FEI and PM5450A-FEI Microsemi catalog part numbers (CPN) available in 1517L BBGA (40x40x3.22mm) package at ATK assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: October 30, 2021 (date code: 2144)

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

Time Table Summary:

	June 2021							>	January 2022								
Workweek	2 3	2 4	2 5	2 6	2 7		40	41	42	43	44		1	2	3	4	5
Initial PCN Issue Date		Х															
Qual Report Availability																Х	
Final PCN Issue Date								Х									
Estimated Implementation											Х						

		_							
Date									
				-	-	-			

Method to Identify Change: Traceability code

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

Revision History:

June 07, 2021: Issued initial notification.

October 7, **2021**: Issued final notification. Added Estimated First Ship date by October 30, 2021. **January 19, 2022**: Re-issuance of final notification, update Qual Report Availability on timetable summary and attached Qual Report.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

PCN_RMES-07XGHT586 Qualification Report.pdf

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

Terms and Conditions:

If you wish to <u>receive Microchip PCNs via email</u> 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 <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections. RMES-07XGHT586 - CCB 4700 Final Notice: Qualification of an additional bill of materials for PM5456A-FEI, PM5451A-FEI and PM5450A-FEI Microsemi catalog part numbers (CPN) available in 1517L BBGA (40x40x3.22mm) package at ATK assembly site.

Affected Catalog Part Numbers (CPN)

PM5456A-FEI PM5451A-FEI PM5450A-FEI