



Product Change Notification / RMES-23UJAW479

Date:

07-Sep-2022

Product Category:

SAS Silicon & SW

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5041 Final Notice: Qualification of an additional substrate material E705G and solder mask material SR7300GRB for PM823xA and PM824xA device families available in 1069L FBGA (27x27x3.26mm) package at ATK assembly site.

Affected CPNs:

[RMES-23UJAW479_Affected_CPN_09072022.pdf](#)
[RMES-23UJAW479_Affected_CPN_09072022.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 substrate material E705G and solder mask material SR7300GRB for PM823xA and PM824xA device families available in 1069L FBGA (27x27x3.26mm) package at ATK assembly site.

Pre and Post Change Summary:

		Pre Change	Post Change	
Assembly Site		Amkor Technology Korea (K4), INC (ATK)	Amkor Technology Korea (K4), INC (ATK)	Amkor Technology Korea (K4), INC (ATK)
Bump Material		Sn1.8Ag	Sn1.8Ag	Sn1.8Ag
Die Attach Material	Part Number	SCF5	SCF5	SCF5
	Conductive	No	No	No
Under Fill		PAU-1	PAU-1	PAU-1
Substrate	Core Material	E700GR	E700GR	E705G
	Solder Mask	AUS703	AUS703	SR7300GRB
Solder Ball Material		SAC305	SAC305	SAC305
Solder Ball Diameter		20mils (0.50mm)	20mils (0.50mm)	20mils (0.50mm)
Solder Ball Flux		SCF-3	SCF-3	SCF-3

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying an additional substrate material E705G and solder mask material SR7300GRB.

Change Implementation Status:In Progress

Estimated First Ship Date:September 30, 2022 (date code: 2240)

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

Time Table Summary:

		February 2022					>	September 2022				
Workweek		6	7	8	9	10		36	37	38	39	40
Initial PCN Issue Date					X							
Qual Report Availability								X				
Final PCN Issue								X				

Date								
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:February 24, 2022: Issued initial notification.

September 7, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on September 30, 2022.

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

Attachments:

[RMES-23UJAW479_Qualification Report Summary.pdf](#)

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

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