



## Product Change Notification / RMES-21OSOR391

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### Date:

27-Jul-2023

### Product Category:

NVMe/NVRAM - Flashtec

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6165 Final Notice: Qualification of an additional substrate material for PM8628C1-F3EI catalog part number (CPN) available in 1285L FBGA (27x27x2.35mm) package at ASE assembly site.

### Affected CPNs:

[RMES-21OSOR391\\_Affected\\_CPN\\_07272023.pdf](#)  
[RMES-21OSOR391\\_Affected\\_CPN\\_07272023.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 for PM8628C1-F3EI catalog part number (CPN) available in 1285L FBGA (27x27x2.35mm) package at ASE assembly site.

### Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Inc.	ASE Inc.	ASE Inc.

	(ASE)	(ASE)	(ASE)
Core Material	E700GR	E700GR	E705G
SM Material	SR7300GR-B	SR7300GR-B	SR7300GR
Substrate Process	ABF GZ41	ABF GZ41	ABF GL102
Bump Material	Sn1.8Ag	Sn1.8Ag	Sn1.8Ag
Die Attach Material	WS-446	WS-446	WS-446
Underfill Material	UA28	UA28	UA28
Solder Ball Material	SAC305	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 substrate material.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**August 30, 2023 (date code: 2335)

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

**Time Table Summary:**

	February 2023					>	July 2023					August 2023				
Workweek	0 5	0 6	0 7	0 8	0 9		26	2 7	2 8	2 9	3 0	3 1	3 2	3 3	3 4	3 5
Initial PCN Issue Date				x												
Qual Report Availability											x					
Final PCN Issue Date											x					
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 22, 2023: Issued initial notification.

July 27, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on August 30, 2023.

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-210SOR391\\_Qual\\_Report.pdf](#)

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

**Terms and Conditions:**

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Affected Catalog Part Numbers (CPN)

PM8628C1-F3EI