



**Product Change Notification / RMES-13RZIY008**

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**Date:**

16-Nov-2022

**Product Category:**

8-bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4820 Final Notice: Qualification of ATP7 as an additional assembly site for selected Atmel ATXMEGA32E5, ATXMEGA16E5, ATXMEGA8E5 and AT73C507 device families available in 32L UQFN (4x4x0.6mm) package.

**Affected CPNs:**

[RMES-13RZIY008\\_Affected\\_CPN\\_11162022.pdf](#)

[RMES-13RZIY008\\_Affected\\_CPN\\_11162022.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 ATP7 as an additional assembly site for selected Atmel ATXMEGA32E5, ATXMEGA16E5, ATXMEGA8E5 and AT73C507 device families available in 32L UQFN (4x4x0.6mm) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
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<b>Assembly Site</b>		ASE Inc. (ASE)	ASE Inc. (ASE)	Amkor Technology Philippines (P3/P4), INC. (ATP7)
<b>Wire material</b>		PdCu	PdCu	CuPdAu
<b>Die attach material</b>	<b>Material</b>	FH-900	FH-900	CDF215
	<b>Conductive</b>	Non-conductive	Non-conductive	Conductive
<b>Molding compound material</b>		G631	G631	G631
<b>Lead frame material</b>		C194	C194	C194
<b>Lead Frame design</b>		Refer to attached Pre and Post change summary file.		

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve on-time delivery performance by qualifying ATP7 as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**December 31, 2022 (date code: 2253)

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

**Time Table Summary:**

	September 2021					>	November 2022					December 2022			
Workweek	36	37	38	39	40		45	46	47	48	49	50	51	52	53
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:**

**September 14, 2021:** Issued initial notification.

**November 16, 2022:** Issued final notification. Attached the Qualification Report. Added lead frame design in Pre and Post change summary table and ppt file in attachment section. Provided estimated first ship date to be on December 31, 2022.

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-13RZIY008\\_Pre and Post Change\\_Summary.pdf](#)

[PCN\\_RMES-13RZIY008\\_Qual\\_Report.pdf](#)

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

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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)

ATXMEGA32E5-M4U  
ATXMEGA32E5-M4UR  
ATXMEGA16E5-M4U  
ATXMEGA16E5-M4UR  
ATXMEGA8E5-M4U  
ATXMEGA8E5-M4UR  
AT73C507-M4UR730