

Product Change Notification / KSRA-08ZYLW084

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29-Jan-2021

Product Category:

Smart Energy SOC

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4420 Final Notice: Implement new carrier tape width (24mm) for Atmel ATSAM4C32CA-AUR catalog part number (CPN) available in 100L LQFP (14x14x1.4mm) package tested at ASE9 and MPHL final test site.

Affected CPNs:

KSRA-08ZYLW084_Affected_CPN_01292021.pdf KSRA-08ZYLW084_Affected_CPN_01292021.csv

Notification Text:

PCN Status: Final notification

PCN Type: Manufacturing Change

Microchip Parts Affected:Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:Implement new carrier tape width (24mm) for Atmel ATSAM4C32CA-AUR catalog part number (CPN) available in 100L LQFP (14x14x1.4mm) package tested at ASE9 and MPHL final test site.

Pre Change:

Using 32mm carrier tape width.

Post Change:

Using 24mm carrier tape width.

Pre and Post Change Summary:

	Item	Pre Change	Post Change	Post Change			
Final	Test Site	ASE Test/ ASE9	ASE Test / ASE9	Microchip Technology Operations (Philippines) Corporation / MPHL			
	Width (mm)	32	24	24			
	Pitch (mm)	24	20	20			
Carrier Tape	A0 (mm)	18	16.50	16.50			
Dimension	B0 (mm)	18	16.50	16.50			
	K0 (mm)	1.80	1.90	1.90			
	Thickness	0.30	0.30	0.30			
	Sealing Method	Heat Seal Activated	Heat Seal Activated	Pressure Seal Activated			
Cover Tone	Dimension	Minor dimension	nal changes. See pre and post change comparison.				
Cover Tape	Color	White	White	White			
	Dimension	Minor dimensional changes. See pre and post change comparison.					
Packir	Packing Method		See pre and post change Comparison				

Note: MPHL final test site was already qualified thru PCN JAON-03RLSH949

Impacts to Data Sheet: None

Change Impact:None

Reason for Change: To improve manufacturability by implementing new carrier tape width at ASE9 and MPHL.

Change Implementation Status:In Progress

Estimated First Ship Date:

February 28, 2021 (date code: 2110)

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

Time Table Summary:

		Janı	uary 2	.021			Febr	uary	2021	
Workweek	0	0 2	0	0 4	0 5	0	0 7	0 8	0 9	10
Final PCN Issue Date					Χ					
Estimated Implementation Date										Х

Method to Identify Change: Traceability code

Qualification Report:

Not applicable

Revision History: January 29, 2021: Issued final notification. Provided estimated first ship date to be on February 28, 2021.

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

Attachments:

PCN_KSRA-08ZYLW084_Pre and Post Change Comparison.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 <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> 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.

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Affected Catalog Part Numbers (CPN)
ATSAM4C32CA-AUR
Date: Friday, January 29, 2021