



Product Change Notification / DSNO-28RMBY971

Date:

05-Feb-2024

Product Category:

32-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6778.001 Initial Notice: Qualification of ANAP as an additional assembly site for selected ASTAM3Sxx, ATSAM3Nxx and AT91SAM7Sxx device families available in 64L LQFP (10x10x1.4mm) package.

Affected CPNs:

[DSNO-28RMBY971_Affected_CPN_02052024.pdf](#)

[DSNO-28RMBY971_Affected_CPN_02052024.csv](#)

Notification Text:

PCN Status:Initial 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 ANAP as an additional assembly site for selected ASTAM3Sxx, ATSAM3Nxx and AT91SAM7Sxx device families available in 64LQFP (10x10x1.4mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)				ATX Semiconductor (Shanghai) Co. Ltd (ASSH)				Amkor Technology Philippine (P1/P2), INC. (ANAP)	
Bond Wire Material	CuPd		Au		CuPd		Au		Au	
Die Attach Material	2288A				2288A				3230	
Molding Compound Material	CEL-9510 / CEL-9200THF				CEL-9510 / CEL-9200THF				G631HQ	
Lead-Frame Material	C7025				C7025				C194ESH	
Lead-Frame Paddle Size	260X260	200X200	210X210	265X265	260X260	200X200	210X210	265X265	236X236	295X295

Impacts to Data Sheet:None

Change ImpactNone

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

Change Implementation Status:In Progress

Estimated Qualification Completion Date:May 2024

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	February 2024					>	May 2024				
Workweek	0 5	0 6	0 7	0 8	0 9		1 8	1 9	2 0	2 1	22

Initial PCN Issue Date		X									
Qual Report Availability									X		
Final PCN Issue Date									X		

Method to Identify Change:

Traceability code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History February 05, 2024: Issued initial notification.

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

Attachments:

[PCN_DSNO-28RMBY971_Qual_Plan.pdf](#)

[PCN_DSNO-28RMBY971_Pre_and_Post_Change Summary.pdf](#)

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email 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 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)

ATSAM3S4BA-AU
ATSAM3S4BA-AUR
ATSAM3N0BA-AU
ATSAM3N0BA-AUR
ATSAM3N1BB-AU
ATSAM3N1BB-AUR
AT91SAM7S64C-AU
AT91SAM7S64C-AU-999
ATSAM3S8BA-AU
ATSAM3S8BA-AUR
AT91SAM7S512B-AU
AT91SAM7S512B-AU-999
ATSAM3S1BB-AU
ATSAM3S1BB-AUR
ATSAM3N00BA-AU
ATSAM3N00BA-AUR
ATSAM3SD8BA-AU
ATSAM3SD8BA-AUR
ATSAM3S2BA-AU
ATSAM3S2BA-AUR