

Product Change Notification / MAAN-24WWNV902

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31-Jan-2024

Product Category:

32-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6777.001 Initial Notice: Qualification of ANAP as an additional assembly site for selected ATSAM4S16B, ATSAM4S8B, ATSAM4SA16B, ATSAM4S2B, ATSAM4N16B, ATSAM4SD16B, ATSAM4N8B, ATSAM4SD32B and ATSAM4S4B device families available in 64L LQFP (10x10x1.4mm) package.

Affected CPNs:

MAAN-24WWNV902_Affected_CPN_01312024.pdf MAAN-24WWNV902_Affected_CPN_01312024.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 ATSAM4S16B, ATSAM4S8B, ATSAM4SA16B, ATSAM4S2B, ATSAM4N16B, ATSAM4SD16B, ATSAM4N8B, ATSAM4SD32B and ATSAM4S4B device families available in 64L LQFP (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)			
Wire Material	CuPd	Au	CuPd Au		CuPdAu			
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 mils	200X200 mils	260X260 mils	200X200 mils	236X236mils			
See Pre and Post change summary for Lead-Frame Comparison.								

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:

	January 2024				>	May 2024					
Workweek	0 1	0 2	0	0 4	0 5		18	19	20	21	22
Initial PCN Issue Date					Х						
Qual Report Availability									Х		
Final PCN Issue Date									Х		

Method to Identify Change: Traceability code

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

Revision History: January 31, 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_MAAN-24WWNV902_Pre_and_Post_Change_Summary.pdf PCN MAAN-24WWNV902_Qual_Plan.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)

ATSAM4S16BB-AN

ATSAM4S16BB-ANR

ATSAM4S8BB-AN

ATSAM4S8BB-ANR

ATSAM4SA16BA-AU

ATSAM4SA16BA-AUR

ATSAM4S2BA-AU

ATSAM4S2BA-AUR

ATSAM4N16BA-AU

ATSAM4N16BA-AUR

ATSAM4SD16BA-AU

ATSAM4SD16BA-AUR

ATSAM4SA16BB-AN

ATSAM4SA16BB-ANR

ATSAM4S2BB-AN

ATSAM4S2BB-ANR

ATSAM4S8BA-AU

ATSAM4S8BA-AUR

ATSAM4SD16BB-AN

ATSAM4SD16BB-ANR

ATSAM4S16BA-AN

ATSAM4S16BA-ANR

ATSAM4S8BA-AN

ATSAM4S8BA-ANR

ATSAM4N8BA-AU

ATSAM4N8BA-AUR

ATSAM4SD32BB-AN

ATSAM4SD32BB-ANR

ATSAM4S4BB-AN

ATSAM4S4BB-ANR

ATSAM4S16BA-AU

ATSAM4S16BA-AUR ATSAM4SD32BA-AU

ATSAM4SD32BA-AUR

ATSAM4S4BA-AU

ATSAM4S4BA-AUR

Date: Tuesday, January 30, 2024