



## Product Change Notification / CAAN-12DLTL031

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### Date:

14-Dec-2022

### Product Category:

Microprocessors

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6010 Initial Notice: Qualification of ASEK as an additional assembly site for selected AT91SAM9G45xx, AT91SAM9G46xx, AT91SAM9M10xx and AT91SAM9M11xx device families available in 324L TFBGA (15x15x1.2mm) package.

### Affected CPNs:

[CAAN-12DLTL031\\_Affected\\_CPN\\_12142022.pdf](#)

[CAAN-12DLTL031\\_Affected\\_CPN\\_12142022.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 ASEK as an additional assembly site for selected AT91SAM9G45xx, AT91SAM9G46xx, AT91SAM9M10xx and AT91SAM9M11xx device families available in 324L TFBGA (15x15x1.2mm) package.

### Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ATX Semiconductor (Shanghai)Co. Ltd (ASSH)	ATX Semiconductor (Shanghai)Co. Ltd (ASSH)	ASE Inc. (ASEK)
Substrate Core Material	CCL-HL832NX	CCL-HL832NX	CCL-HL832NX(A-HS)
SM Material	PSR 4000 AUS-308	PSR 4000 AUS-308	PSR4000 AUS308
Die Attach Material	2100AS	2100AS	2100AC
Wire Material	CuPd	CuPd	CuPdAu
Molding Compound Material	KE-G1250LKDS	KE-G1250LKDS	KE-G1250NAS

**Impacts to Data Sheet:**None

**Change Impact**None

**Reason for Change:**To improve manufacturability by qualifying ASEK as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**April 2023

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:**

	December 2022					>	April 2023					
Workweek	49	50	51	52	53		13	14	15	16	17	18
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:**December 14, 2022: 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\\_CAAAN-12DLTL031\\_Qualification Plan.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)

AT91SAM9G45B-CU  
AT91SAM9M10C-CU  
AT91SAM9G45C-CU  
AT91SAM9M10C-CU-100  
AT91SAM9G46B-CU-101  
AT91SAM9G46B-CU  
AT91SAM9M11B-CU  
AT91SAM9G45C-CU-999  
AT91SAM9M10C-CU-999  
AT91SAM9M10C-CU-101