



Product Change Notification / CAAN-12DLTL031

Date:

25-May-2023

Product Category:

Microprocessors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6010 Final 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_05252023.pdf](#)

[CAAN-12DLTL031_Affected_CPN_05252023.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 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
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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 First Ship Date:June 26, 2023 (date code: 2326)

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

Time Table Summary:

	December 2022					>	May 2023					June 2023				
Workweek	49	50	51	52	53		18	19	20	21	22	22	23	24	25	26
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:December 14, 2022: Issued initial notification.

May 25, 2023: Issued final notification. Attached the Qualification Report. Revised Affected CPN List to remove AT91SAM9M10C-CU-100, AT91SAM9G46B-CU-101, AT91SAM9M10C-CU-101. Provided estimated first ship date to be on June 26, 2023.

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

Attachments:

[PCN_CAAN-12DLTL031_Qual_Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

AT91SAM9G45B-CU

AT91SAM9M10C-CU

AT91SAM9G45C-CU

AT91SAM9G46B-CU

AT91SAM9M11B-CU

AT91SAM9G45C-CU-999

AT91SAM9M10C-CU-999