



Product Change Notification / GBNG-14DIAU526

Date:

17-Jun-2022

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4821 Final Notice: Qualification of ATP7 as an additional assembly site for selected AT90CAN64 and AT90CAN128 device families available in 64L VQFN (9x9x0.9mm) package.

Affected CPNs:

[GBNG-14DIAU526_Affected_CPN_06172022.pdf](#)
[GBNG-14DIAU526_Affected_CPN_06172022.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 ATP7 as an additional assembly site for selected AT90CAN64 and AT90CAN128 device families available in 64L VQFN (9x9x0.9mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site	UTAC Thai Limited (UTL-1) LTD. (NSEB)	UTAC Thai Limited (UTL-1) LTD. (NSEB)	Amkor Technology Philippines (P3/P4), INC. (ATP7)
Wire Material	CuPdAu	CuPdAu	CuPdAu
Die Attach Material	8600	8600	CRM1085A
Molding Compound Material	G700LTD	G700LTD	G631BQF
Lead-frame Material	EFTEC-64T	EFTEC-64T	C194FH
Lead-frame Paddle Size	264x264 mils	264x264 mils	252x252 mils
Lead-frame DAP Surface Prep	Ag on lead only	Ag on lead only	Ring Plating
Lead-frame Design	Please see attached Pre and Post Change comparison		

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying ATP7 as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:July 15, 2022 (date code: 2229)

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

Time Table Summary:

	September 2021					→	June 2022					July 2022			
	3 6	3 7	3 8	3 9	4 0		2 3	2 4	2 5	2 6	2 7	2 8	2 9	3 0	3 1
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:September 16, 2021: Issued initial notification.

June 17, 2022: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on July 15, 2022.

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

Attachments:

[PCN_GBNG-14DIAU526_Qual_Report.pdf](#)

[PCN_GBNG-14DIAU526_Pre_and_Post Change_Summary.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

AT90CAN64-16MU

AT90CAN64-16MU-HCM

AT90CAN64-16MUR

AT90CAN128-16MU

AT90CAN128-16MUR