



Product Change Notification / ALAN-13VNJX201

Date:

16-May-2024

Product Category:

32-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6989 Initial Notice: Qualification of MP3A as an additional assembly site for selected ATSAM20J16, ATSAM20J14, ATSAM20J15, ATSAM21J15, ATSAM21J16, ATSAM21J17, ATSAMC21J18A, ATSAMC20J15A, ATSAMC20J16A, ATSAMC20J17A, ATSAMC20J18A, ATSAMC21J15A, ATSAMC21J16A, ATSAMC21J17A, ATSAM21J18, PIC32CM2532LE00064, PIC32CM2532LS00064, PIC32CM5164LE00064, and PIC32CM5164LS00064 device families available in 64L QFN (9x9x0.9mm) and 64L VQFN (9x9x1.0mm) package.

Affected CPNs:

[ALAN-13VNJX201_Affected_CPN_05162024.pdf](#)

[ALAN-13VNJX201_Affected_CPN_05162024.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 MP3A as an additional assembly site for selected ATSAM20J16, ATSAM20J14, ATSAM20J15, ATSAM21J15, ATSAM21J16, ATSAM21J17, ATSAMC21J18A, ATSAMC20J15A, ATSAMC20J16A, ATSAMC20J17A, ATSAMC20J18A, ATSAMC21J15A, ATSAMC21J16A, ATSAMC21J17A, ATSAM21J18, PIC32CM2532LE00064, PIC32CM2532LS00064,

PIC32CM5164LE00064, and PIC32CM5164LS00064 device families available in 64L QFN (9x9x0.9mm) and 64L VQFN (9x9x1.0mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Inc. (MPHIL-3) (MP3A)
Wire Material	Au	Au	Au
Die Attach Material	3280	3280	QMI519
Molding Compound Material	G700LTD	G700LTD	G700LTD
Lead-Frame Material	C194	C194	C194

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying an additional assembly site MP3A.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:August 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:

	May 2024					>	August 2024				
Workweek	1	1	2	2	2		31	32	33	34	35

	8	9	0	1	2						
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:May 16, 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_ALAN-13VNJX201_Qual Plan.pdf](#)

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

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