



Product Change Notification / JAON-21NAGG091

Date:

09-May-2022

Product Category:

Wireless Modules

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3007.003 Final Notice: Qualification of MPHL as an additional final test site for selected Atmel ATSAMR21G16A, ATSAMR21G17A, and ATSAMR21G18A device families available in 48L VQFN (7x7x1mm) package.

Affected CPNs:

[JAON-21NAGG091_Affected_CPN_05092022.pdf](#)

[JAON-21NAGG091_Affected_CPN_05092022.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 MPHL as an additional final test site for selected Atmel ATSAMR21G16A, ATSAMR21G17A, and ATSAMR21G18A device families available in 48L VQFN (7x7x1mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Final Test Site		Amkor Technology Philippines (P3/P4), INC (ATP7)	Amkor Technology Philippines (P3/P4), INC (ATP7)	Microchip Technology Operations (Philippines) Corporation (MPHL)
Base Quantity Multiple (BQM)	Tape and Reel	4000	4000	4000
	Tray	416	416	416
Pin Orientation	Tape and Reel	Quadrant 1	Quadrant 1	Quadrant 1
	Tray	Chamfer Side	Chamfer Side	Chamfer Side
Tray Color		Black	Black	Black
		See pre and post change comparison.		
Carrier tape		No dimensional changes. See pre and post change comparison.		
Cover Tape		No dimensional changes. See pre and post change comparison.		
Reel		See pre and post change comparison.		
Desiccant and HIC		See pre and post change comparison.		
Moisture Barrier Bag Packing Process		See pre and post change comparison.		
Carton/Pizza box		Minor dimensional changes. See pre and post change comparison.		

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability and on-time delivery performance by qualifying MPHL as an additional final test site.

Change Implementation Status:In Progress

Estimated First Ship Date:June 3, 2022 (date code: 2223)

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

Time Table Summary:

	June 2021					>	May 2022				June 2022				
Workweek	2 3	24	2 5	2 6	2 7		1 9	2 0	2 1	2 2	23	24	2 5	26	27
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:

June 22, 2021: Issued initial notification.

May 9, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on June 3, 2022.

Attachments:

[PCN_JAON-21NAGG091_Pre and Post Change_Summary.pdf](#)

[PCN_JAON-21NAGG091_Qual_Report.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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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)

ATSAMR21G16A-MF
ATSAMR21G17A-MF
ATSAMR21G18A-MF
ATSAMR21G16A-MU
ATSAMR21G17A-MU
ATSAMR21G18A-MU
ATSAMR21G16A-MUT
ATSAMR21G17A-MUT
ATSAMR21G18A-MUT
ATSAMR21G18A-MUTA6
ATSAMR21G16A-MFT
ATSAMR21G17A-MFT
ATSAMR21G18A-MFT