



Product Change Notification / JAON-22OLAE313

Date:

26-Mar-2021

Product Category:

8-bit Microcontrollers, Field Programmable Gate Array

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4463 Initial Notice: Qualification of MPHL as a new final test site for selected Atmel AT8300xxx, AT8356xxx, AT40Kxxx, AT8357xxx, AT8358xxx, AT8359xxx, AT82000xxx, and AT82002xxx device families available in various packages.

Affected CPNs:

[JAON-22OLAE313_Affected_CPN_03262021.pdf](#)

[JAON-22OLAE313_Affected_CPN_03262021.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 MPHL as a new final test site for selected Atmel AT8300xxx, AT8356xxx, AT40Kxxx, AT8357xxx, AT8358xxx, AT8359xxx, AT82000xxx, and AT82002xxx device families available in various packages.

Pre and Post Change Summary:

For 100L LQFP package

	Pre Change	Post Change
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Final Test Site		AMKOR KOREA Incheon (ATK6)	Microchip Technology Operations (Philippines) Corporation (MPHL)
Base Quantity Multiple (BQM)	Tray	90	90
	Tape and Reel	1000	1000
Pin Orientation	Tray	N/A	N/A
	Tape and Reel	Upper right (Q2)	Upper right (Q2)
Carrier tape		Minor dimensional changes. See pre and post change comparison.	
Cover Tape		Minor dimensional changes. See pre and post change comparison.	
Reel	Color	White	White
	Dimensions	Minor dimensional changes. See pre and post change comparison	
Packing Method		See pre and post change comparison	

For 44L MQFP package

		Pre Change	Post Change
Final Test Site		AMKOR KOREA Incheon (ATK6)	Microchip Technology Operations (Philippines) Corporation (MPHL)
Base Quantity Multiple (BQM)	Tape and Reel	500	500
Pin Orientation	Tape and Reel	Upper left	Upper left
Carrier tape		See pre and post change comparison. Qualification of new material for MPHL site is ongoing. This information will be available upon issuance of the Final PCN.	
Cover Tape			
Reel			
Packing Method			

For 100L PQFP package

		Pre Change	Post Change
Final Test Site		AMKOR KOREA Incheon (ATK6)	Microchip Technology Operations (Philippines) Corporation (MPHL)

Base Quantity Multiple (BQM)	Tape and Reel	400	400
Pin Orientation	Tape and Reel	Upper left	Upper left
Carrier tape	See pre and post change comparison. Qualification of new material for MPHL site is ongoing. This information will be available upon issuance of the Final PCN.		
Cover Tape			
Reel			
Packing Method			

For the remaining affected packages:Qualification of new material for MPHL site is ongoing. This information will be available upon issuance of the Final PCN.

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying MPHL as a new final test site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:June 2021

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:

	March 2021					->	June 2021				
Workweek	10	11	12	13	14		23	24	25	26	27
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: **March 26, 2021:** 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_JAON-22OLAE313_Qual_Plan.pdf](#)

[PCN_JAON-22OLAE313_Pre and Post Change_Summary.pdf](#)

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

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