

# **Product Change Notification / ALAN-20ESKQ801**

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Date:			
12-Oct-2022			
Product Category:			
8-bit Microcontrollers			
PCN Type:			
Manufacturing Change			
Notification Subject:			
		as an additional test location for selected vailable in 32L VQFN (5x5x0.9mm) package.	
Affected CPNs:			
ALAN-20ESKQ801_Affected_0 ALAN-20ESKQ801_Affected_0			
Notification Text:			
PCN Status:Final Notification			
PCN Type:Manufacturing Chang	ge		
•	•	Files found in the Affected CPNs section. entical files in two formats (.pdf and .xls)	
<b>Description of Change:</b> Qualification and ATMEGA48PB device family		n additional test location for selected ATMEGA88 VQFN (5x5x0.9mm) package.	РΒ
Pre and Post Change Summary	<b>y</b> :		
	Pre Change	Post Change	

Test Location	ASE Test (ASE9)	ASE Test (ASE9)	Microchip Technology Operations Corporation (MPHL)								
Reel BQM	6000	6000	6000								
Reel Pin 1 Orientation	Quadrant 2	Quadrant 2	Quadrant 2								
Carrier Tape	No change. See pre and post change for comparison.										
Cover Tape	No change. See pre and post change for comparison.										
Plastic Reel	With minor dimensional change. See pre and post change for comparison.										
Moisture Barrier Bag	With minor dimensional change. See pre and post change for comparison.										
Вох	With minor dimensional change. See pre and post change for comparison.										
Tray BQM	490	490	490								
Tray Pin 1 Orientation	Near Chamfer	Near Chamfer	Near Chamfer								
Tray Bundling	No change. See pre and post change for comparison.										
Moisture Shielding Bag	See pre and post change for comparison.										
Inner Box	With minor dimensional change. See pre and post change for comparison.										

## Impacts to Data Sheet:None

Change ImpactNone

**Reason for Change:**To improve productivity by qualifying MPHL as an additional test location.

**Change Implementation Status:**In Progress

Estimated First Ship Date:November 14, 2022 (date code: 2247)

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

## Time Table Summary:

	September 2022					October 2022					November 2022			
Workweek	3 6	3 7	3 8	3 9	4 0	4 1	4 2	4 3	4 4	4 5	4 6	4 7	4 8	4 9
Initial PCN Issue Date				Х										

Qual Report Availability				Χ				
Final PCN Issue Date				Χ				
Estimated Implementation Date							Х	

Method to Identify Change: Traceability code

**Qualification Report:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:**September 22, 2022: Issued initial notification.

October 12, 2022: Issued final notification. Attached the Qualification Report. Added Cover tape information in the pre and post change table and comparison file. Provided estimated first ship date to be on November 14, 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\_ALAN-20ESKQ801\_Pre and Post\_Change\_Summary.pdf PCN\_ALAN-20ESKQ801\_Qual\_Report.pdf

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

#### Terms and Conditions:

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If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

ALAN-20ESKQ801 - CCB 3397.006 Final Notice: Qualification of MPHL as an additional test location for selected ATMEGA88PB and ATMEGA48PB device families available in 32L VQFN (5x5x0.9mm) package.

Affected Catalog Part Numbers (CPN)

ATMEGA88PB-MU

ATMEGA48PB-MU

ATMEGA88PB-MN

ATMEGA48PB-MN

ATMEGA88PB-MNR

ATMEGA48PB-MNR

ATMEGA88PB-MUR

ATMEGA48PB-MUR

Date: Tuesday, October 11, 2022