



## Product Change Notification / MFOL-19PQSR188

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### Date:

03-Oct-2022

### Product Category:

8-bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 3397.007 Initial Notice: Qualification of MPHL as an additional final test site for ATMEGA328PB-MU, ATMEGA328PB-MN, ATMEGA328PB-MNR, and ATMEGA328PB-MUR catalog part numbers available in 32L VQFN (5x5x0.9mm) package.

### Affected CPNs:

[MFOL-19PQSR188\\_Affected\\_CPN\\_10032022.pdf](#)

[MFOL-19PQSR188\\_Affected\\_CPN\\_10032022.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 an additional final test site for ATMEGA328PB-MU, ATMEGA328PB-MN, ATMEGA328PB-MNR, and ATMEGA328PB-MUR catalog part numbers available in 32L VQFN (5x5x0.9mm) package.

**Pre and Post Change Summary:**

		Pre Change	Post Change	
Final Test Site		ASE Inc. (ASE)	ASE Inc. (ASE)	Microchip Technology Operations (Philippines) Corporation (MPHL)
Base Quantity Multiple (BQM)	Tape and Reel	6000	6000	6000
	Tray	490	490	490
Pin 1 Orientation	Tape and Reel	Quadrant 2	Quadrant 2	Quadrant 2
	Tray	Near chamfer tray	Near chamfer tray	Near chamfer tray
Carrier Tape		No dimensional change. See Pre and Post change comparison.		
Cover Tape		With minor dimensional change. See Pre and Post change comparison.		
Reel		With minor dimensional change. See Pre and Post change comparison.		
Tray		No dimensional change. See Pre and Post change comparison.		
Moisture Barrier Bag	Tape and Reel	With minor dimensional change. See Pre and Post change comparison.		
	Tray	See Pre and Post change comparison.		
Carton Box	Tape and Reel	With minor dimensional change. See Pre and Post change comparison.		
	Tray	With minor dimensional change. See Pre and Post change comparison.		

**Impacts to Data Sheet:**None

**Change Impact:**None

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

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**December 2022

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:**

	October 2022					>	December 2022				
Workweek	4 1	4 2	4 3	4 4	4 5		49	50	51	52	53
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:**October 03, 2022: 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\\_MFOL-19PQSR188\\_Pre and Post\\_Change Summary.pdf](#)
- [PCN\\_MFOL-19PQSR188\\_Qual Plan.pdf](#)

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

**Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our **PCN home page** select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the **PCN FAQ** section.

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.

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Affected Catalog Part Numbers (CPN)

ATMEGA328PB-MU

ATMEGA328PB-MN

ATMEGA328PB-MNR

ATMEGA328PB-MUR