



## Product Change Notification / MFOL-07FWWO646

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**Date:**

16-Mar-2022

**Product Category:**

32-bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 5049 Final Notice: Qualification of MPHL as an additional final test site for selected ATSAML22J1xx and ATSAML22N1xx device families available in 64L (10X10X1mm) and 100L (14X14X1mm) TQFP packages.

**Affected CPNs:**

[MFOL-07FWWO646\\_Affected\\_CPN\\_03162022.pdf](#)

[MFOL-07FWWO646\\_Affected\\_CPN\\_03162022.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 ATSAML22J1xx and ATSAML22N1xx device families available in 64L (10X10X1mm) and 100L (14X14X1mm) TQFP packages.

**Pre and Post Change Summary:**

			Pre Change	Post Change	
Final Test Site			ASE Test (ASE9)	ASE Test (ASE9)	Microchip Technology Operations (Philippines) Corporation  (MPHL)
Base Quantity Multiple (BQM)	64L TQFP	Tray	160	160	160
		T/R	1500	1500	1500
	100L TQFP		1000	1000	1000
Pin 1 Orientation	100L TQFP	T/R	Quadrant 1	Quadrant 1	Quadrant 1
	64L TQFP	T/R			
Tape and Reel	Dimension		13"	13"	13"
	Color		White	White	White
	Material		Plastic	Plastic	Plastic
Carrier Tape	64L TQFP		No dimensional changes. See Pre and Post comparison.		
	100L TQFP		See Pre and Post comparison.		
Cover Tape	64L TQFP		See Pre and Post comparison.		
	100L TQFP		See Pre and Post comparison.		
Desiccant			See Pre and Post comparison.		
Bag for T/R			See Pre and Post comparison.		
Box	T/R		See Pre and Post comparison.		
	Tray		See Pre and Post comparison.		
Bags for Tray	64L TQFP		See Pre and Post comparison.		
	100L TQFP		Not Applicable.		
Packing method	T/R		See Pre and Post comparison.		
	Tray		See Pre and Post 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 First Ship Date:**April 18, 2022 (date code: 2217)

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

**Time Table Summary:**

	March 2022				April 2022				
Workweek	10	11	12	13	14	15	16	17	18
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:March 16, 2022:** Issued final 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-07FWWO646\\_Pre and Post summary.pdf](#)
- [PCN\\_MFOL-07FWWO646\\_Qual Report.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.

Affected Catalog Part Numbers (CPN)

ATSAML22J16A-AU  
ATSAML22N16A-AUT  
ATSAML22N17A-AUT  
ATSAML22N18A-AUT  
ATSAML22J16A-AUT  
ATSAML22J17A-AUT  
ATSAML22J18A-AUT