



## Product Change Notification / RMES-05OITM593

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### Date:

18-Mar-2022

### Product Category:

Smart Energy SOC

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 3345.001 Final Notice: Qualification of MPHL as an additional final test site for selected Atmel ATSAM4Cxxx device family available in 100L LQFP (14x14x1.4mm) package.

### Affected CPNs:

[RMES-05OITM593\\_Affected\\_CPN\\_03182022.pdf](#)  
[RMES-05OITM593\\_Affected\\_CPN\\_03182022.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 ATSAM4Cxxx device family available in 100L LQFP (14x14x1.4mm) package.

**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)	Tape and Reel	1500	1500	1500
	Tray	90	90	90
Pin 1 orientation	Tape and Reel	Quadrant 1	Quadrant 1	Quadrant 1
	Tray	Near Chamfer side	Near Chamfer side	Near Chamfer side
Carrier Tape		No changes. See Pre and Post comparison.		
Cover Tape		With dimensional changes. See Pre and Post comparison.		
Reel	Color	White	White	White
	Dimension	With dimensional changes. See attached Pre and Post comparison.		
Tray	Color	Black	Black	Black
	Dimension	No changes. See Pre and Post comparison.		
Packing Method		See attached Pre and Post comparison.		

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying MPHL as an additional final test site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**April 30, 2022 (date code: 2218)

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

**Time Table Summary:**

	January 2021					>	March 2022				April 2022				
Workweek	01	02	03	04	05		10	11	12	13	14	15	16	17	18

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:**

**January 06, 2021:** Issued initial notification.

**March 18, 2022:** Issued final notification. Attached the Qualification Report and updated timetable summary. Added Estimated First ship date by April 30, 2022. Updated the affected CPN list to remove ATSAM4CMS32CB and ATSAM4CMP32CB device families.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

**Attachments:**

- [PCN\\_RMES-05OITM593\\_Pre\\_and\\_Post Change Summary.pdf](#)
- [PCN\\_RMES-05OITM593\\_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 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)

ATSAM4C16CB-AU

ATSAM4C8CB-AU

ATSAM4C4CB-AU

ATSAM4C16CB-AUR

ATSAM4C8CB-AUR

ATSAM4C4CB-AUR