



## Product Change Notification / RMES-050ITM593

### Date:

06-Jan-2022

### Product Category:

Smart Energy SOC

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 3345.001 Initial 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-050ITM593\\_Affected\\_CPN\\_01062022.pdf](#)  
[RMES-050ITM593\\_Affected\\_CPN\\_01062022.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 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	3000 and 15000		3000 and 15000	3000 and 15000		
	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		With dimensional changes (see attached)					
Cover Tape		With dimensional changes (see attached)					
Reel	Color	White & Blue		White	White		
	Dimension	With dimensional changes. See attached 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 Qualification Completion:** January 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:**

	January 2022				
Workweek	01	02	03	04	05
Initial PCN Issue Date		X			
Qual Report Availability					X
Final PCN Issue Date					X

**Method to Identify Change:** Traceability

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

**Revision History: January 06, 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\\_RMES-050ITM593\\_Pre and Post Change Summary.pdf](#)

[PCN\\_RMES-050ITM593\\_Qual\\_Plan.pdf](#)

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

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