



## Product Change Notification / ASER-18FQMI580

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**Date:**

14-Jun-2022

**Product Category:**

32-bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4381.002 Final Notice: Qualification of MTAI as an additional final test site for selected ATSAM21E15Bxxx and ATSAM21E16Bxxx device families available in 32L TQFP (7x7x1.0mm) package.

**Affected CPNs:**

[ASER-18FQMI580\\_Affected\\_CPN\\_06142022.pdf](#)

[ASER-18FQMI580\\_Affected\\_CPN\\_06142022.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 MTAI as an additional final test site for selected ATSAM21E15Bxxx and ATSAM21E16Bxxx device families available in 32L TQFP (7x7x1.0mm) package.

**Pre and Post Change Summary:**

		Pre Change		Post Change		
Final Test Site		Amkor Technology Philippines (P3/P4), INC. (ATP7)	Microchip Technology Operations (Philippines) Corporation (MPHL)	Amkor Technology Philippines (P3/P4), INC. (ATP7)	Microchip Technology Operations (Philippines) Corporation (MPHL)	Microchip Technology Thailand (MTAI)
Base Quantity Multiple (BQM)	Tape and Reel	2000	2000	2000	2000	2000
	Tray	250	250	250	250	250
Pin 1 Orientation	Tape and Reel	Quadrant 1	Quadrant 1	Quadrant 1	Quadrant 1	Quadrant 1
	Tray	Chamfer Side	Chamfer Side	Chamfer Side	Chamfer Side	Chamfer Side
Carrier Tape		Minor dimensional changes. See Pre and Post Change Summary for Comparison.				
Cover Tape		Minor dimensional changes. See Pre and Post Change Summary for Comparison.				
Reel Color		White	White	White	White	Dark Blue
Reel Dimension		Minor dimensional changes. See Pre and Post Change Summary for Comparison.				
Packing Method		See Pre and Post Change Summary for Comparison				

**Impacts to Data Sheet:**None

**Change Impact:**None

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

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**June 30, 2022 (date code: 2227)

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

**Time Table Summary:**

	February 2022					→	June 2022				
Workweek	6	7	8	9	10		23	24	25	26	27

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:**February 16, 2022: Issued initial notification.

June 14, 2022: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on June 30, 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\\_ASER-18FQMI580\\_Qual\\_Report.pdf](#)

[PCN\\_ASER-18FQMI580\\_Pre and Post Change Summary.pdf](#)

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

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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)

ATSAMD21E16B-AF  
ATSAMD21E15B-AF  
ATSAMD21E16B-AU  
ATSAMD21E15B-AU  
ATSAMD21E16B-AUT  
ATSAMD21E15B-AUT  
ATSAMD21E16B-AFT  
ATSAMD21E15B-AFT