



Product Change Notification / ASER-12BUUH145

Date:

01-Oct-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4381.001 Final Notice: Qualification of MTAI as an additional final test site for selected Atmel ATSAMC20xxx and ATSAMC21xxx device families available in 32L TQFP (7x7x1.0 mm) package.

Affected CPNs:

[ASER-12BUUH145_Affected_CPN_10012021.pdf](#)

[ASER-12BUUH145_Affected_CPN_10012021.csv](#)

Notification Text:

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 Atmel ATSAMC20xxx and ATSAMC21xxx device families available in 32L TQFP (7x7x1.0 mm) package.

Pre and Post Change Summary:

	Pre Change		Post Change		
Final Test Site	ASE Test (ASE9)	Microchip Technology Operations (Philippines)	ASE Test (ASE9)	Microchip Technology Operations (Philippines)	Microchip Technology Thailand (MTAI)

		Corporation (MHPL)		Corporation (MHPL)	
Base Quantity Multiple (BQM)	2000	2000	2000	2000	2000
Pin1 Orientation	Quadrant 1	Quadrant 1	Quadrant 1	Quadrant 1	Quadrant 1
Carrier Tape	Minor dimensional changes – see attachment				
Cover Tape	Minor dimensional changes – see attachment				
Plastic Reel	White	White	White	White	Blue
	Minor dimensional changes – see attachment				
Packing Procedure for Tape & Reel	Minor changes – see attachment				

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying MTAI as a new final test site.

Change Implementation Status:In Progress

Estimated First Ship Date:October 31, 2021 (date code: 2145)

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

Time Table Summary:

	October 2021					
Workweek	40	41	42	43	44	45
Qual Report Availability	X					
Final PCN Issue Date	X					
Estimated First Ship 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: July 22, 2021: Issued initial notification.

October 1, 2021: Issued final notification. Updated the Pre and Post change summary table to add ASE9 and MPHL in post change column. Attached the qualification report and added estimated first ship date by October 31, 2021.

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-12BUUH145_Pre and Post Change Summary.pdf](#)

[PCN_ASER-12BUUH145_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 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)

ATSAMC20E15A-ANT
ATSAMC20E16A-ANT
ATSAMC20E17A-ANT
ATSAMC20E18A-ANT
ATSAMC21E15A-ANT
ATSAMC21E16A-ANT
ATSAMC21E17A-ANT
ATSAMC21E18A-ANT
ATSAMC20E18A-AUT
ATSAMC21E18A-AUT
ATSAMC20E15A-AUT
ATSAMC20E16A-AUT
ATSAMC20E17A-AUT
ATSAMC21E15A-AUT
ATSAMC21E16A-AUT
ATSAMC21E17A-AUT