



Product Change Notification - GBNG-12KURG624

Date:

13 Sep 2019

Product Category:

32-bit Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3941 Final Notice: Qualification of MPHL as an additional final test site for selected Atmel products available in 64L TQFP (10x10x1mm) package.

Notification text:**PCN Status:**

Final notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

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 products available in 64L TQFP (10x10x1mm) package.

Pre Change:

Tested at ASE9 final test site.

Post Change:

Tested at ASE9 final test site or tested at MPHL final test site.

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)	1500	1500	1500
Packing Media	Tape and Reel	Tape and Reel	Tape and Reel
Pin 1 orientation	Quadrant 1	Quadrant 1	Quadrant 1
Carrier Tape	Minor dimensional change. See attached Pre and Post comparison		
Reel	Minor dimensional change. See attached Pre and Post comparison		
Desiccant	See attached Pre and Post comparison		
Moisture Barrier Bag	Minor Dimensional Changes. See attached Pre and Post comparison		
Carton Box	Minor Dimensional Changes. See attached 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:



September 30, 2019 (date code: 1940)

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

Time Table Summary:

	September 2019				
Workweek	36	37	38	39	40
Final PCN Issue Date		X			
Estimated Implementation Date					X

Method to Identify Change:

Traceability code

Revision History:

September 13, 2019: 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.

Attachment(s):

[PCN_GBNG-12KURG624_Pre_and_Post_Change.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.

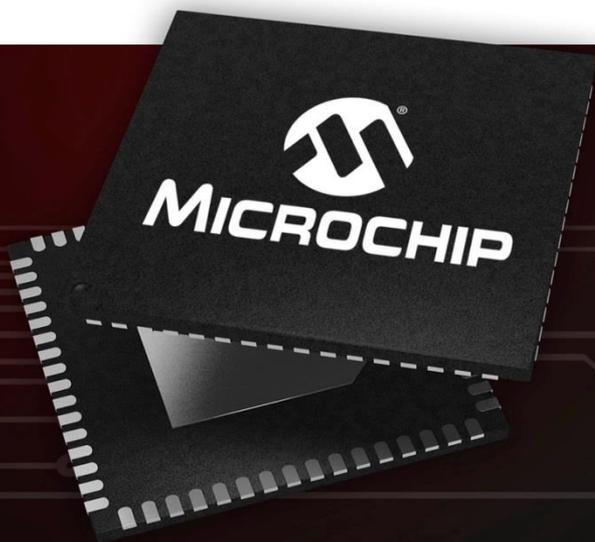
If you wish to [change your PCN profile, including opt out](#), please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATSAMC20J15A-AUT
ATSAMC20J16A-ANT
ATSAMC20J16A-AUT
ATSAMC20J17A-ANT
ATSAMC20J17A-AUT
ATSAMC20J18A-ANT
ATSAMC20J18A-AUT
ATSAMC21J15A-ANT
ATSAMC21J15A-AUT
ATSAMC21J16A-ANT
ATSAMC21J16A-AUT
ATSAMC21J17A-ANT
ATSAMC21J17A-AUT
ATSAMC21J18A-ANT
ATSAMC21J18A-AUT



MICROCHIP



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Mixed-Signal, Analog & Flash-IP Solutions



PCN #: GBNG-12KURG624
CCB # 3941_Pre and Post Change Summary



Pre and Post Change

	PRE CHANGE	POST CHANGE
	ASE9	MPHL
Packing Media	Tape and Reel	Tape and Reel
Base Quantity Multiple(BQM)	1500	1500
Pin 1 Orientation	Quadrant 1	Quadrant 1

Pre and Post Change

	PRE CHANGE					POST CHANGE				
	ASE9					MPHL				
Carrier Tape	Width	Pitch	Ao +/-0.1	Bo +/-0.1	Ko +/-0.1	Width	Pitch	Ao +/-0.1	Bo +/-0.1	Ko +/-0.1
	24	16	12.35	12.35	1.65	24	16	12.4	12.4	1.6
Reel	Color	Diameter	Hub Dia	W1+0.3-0	W2 Max	Color	Diameter	Hub Dia	W1+0.3-0	W2 Max
	White	330	102	24.8	30.2	White	330	100	24	-
										

Pre and Post Change

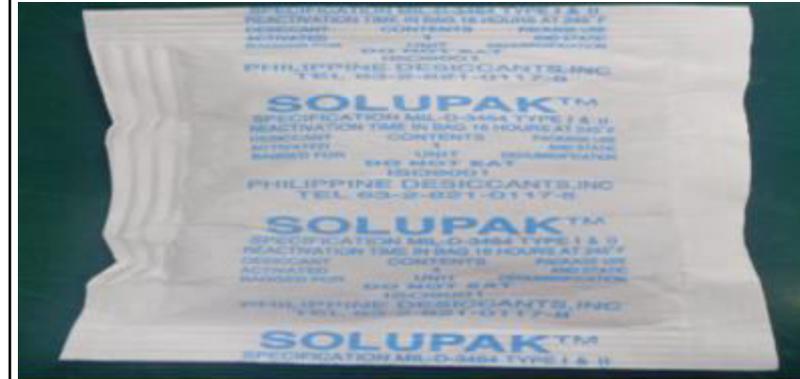
PRE CHANGE

POST CHANGE

ASE9

MPHL

Desiccant



Pre and Post Change

	PRE CHANGE		POST CHANGE	
	ASE9		MPHL	
Moisture Barrier Bag	Length	Width	Length	Width
	Inner Dimension: 485 mm Outer Dimension: 495 mm	Inner Dimension: 410 mm Outer Dimension: 430 mm	Inner Dimension: 457.2 mm Outer Dimension: 469.9 mm	Inner Dimension: 406.4 mm Outer Dimension: 431.8 mm
				

Pre and Post Change

	PRE CHANGE			POST CHANGE		
	ASE9			MPHL		
	Length	Width	Height	Length	Width	Height
	370 mm	353 mm	78 mm	375 mm	352 mm	53 mm
Carton Box						