



Product Change Notification - KSRA-20ZOUF846

Date:

02 Apr 2019

Product Category:

32-bit Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3658 Final Notice: Qualification of MPHL as an additional final test site for selected Atmel ATSAMD21G16L device family available in 48L VQFN (7x7x0.9mm) 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 ATSAMD21G16L device family available in 48L VQFN (7x7x0.9mm) package.

Pre Change:

Tested at ASE final test site

Post Change:

Tested at ASE final test site or tested at MPHL final test site

Pre and Post Change Summary:

	Pre Change	Post Change	
Final Test Site	ASE Inc. Taiwan (ASE)	ASE Inc. Taiwan (ASE)	Microchip Technology Operations (Philippines) Corporation (MPHL)
Base Quantity Multiple (BQM)	4000	4000	4000
Pin 1 Orientation	Quadrant 1	Quadrant 1	Quadrant 1
Reel Dimension	Minor dimensional changes (see attached)		
Desiccant	See attached changes		
Moisture Barrier Bag Dimension	Minor dimensional changes (see attached)		

Note: Please see pre and post change attachment

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:

May 1, 2019 (date code: 1918)

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

Time Table Summary:

Workweek	January 2019					->	April 2019					May 2019				
	01	02	03	04	05		14	15	16	17	18	19	20	21	22	
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 25, 2019: Issued initial notification.

April 2, 2019: Issued final notification. Updated subject and description from a specific ATSAM21G16L-MNT Atmel catalog part number (CPN) to selected Atmel ATSAM21G16L device family because of the update to the scope. Corrected the package size from 7x7x1.0mm to 7x7x0.9mm. Attached the qualification report. Updated the pre and post summary table to include Base Quantity Multiple (BQM), Pin 1 Orientation, Reel Dimension, Desiccant and Moisture Barrier Bag Dimension. Provided estimated first ship date to be on May 1, 2019.

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_KSRA-20ZOUF846_Qual_Report.pdf](#)

[PCN_KSRA-20ZOUF846_PRE_AND_POST_CHANGE_CCB_3658.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATSAMD21G16L-MNT

ATSAMD21G16L-MNTP01

ATSAMD21G16L-MUT

ATSAMD21G16L-MNTA7

ATSAMD21G16L-MUTN01