



Product Change Notification / KSRA-06WETR310

Date:

10-Nov-2020

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3063 Final Notice: Qualification of MTAI as an additional final test site for selected ATSAMD11 Atmel device family available in 64L TQFP (10x10x1.0mm) package.

Affected CPNs:

[KSRA-06WETR310_Affected_CPN_11102020.pdf](#)
[KSRA-06WETR310_Affected_CPN_11102020.csv](#)

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 MTAI as an additional final test site for selected ATSAMD11 Atmel device family available in 64L TQFP (10x10x1.0mm) package.

Pre Change:

Tested at MPHL final test site.

Post Change: Tested at MTAI or MPHL final test site.

Pre and Post Change Summary:

Method to Identify Change: Traceability code

Qualification Report: Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:**September 27, 2017:** Issued initial notification.**July 2, 2020:** Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date to be on July 31, 2020**November 10, 2020:** Re-issued the final notification to update the post change by adding MPHL test site. Corrected reason for change from MMT to MTAI test site.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_KSRA-06WETR310_Qual_Report.pdf](#)

[PCN_KSRA-06WETR310_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)

ATSAMDA1J16B-ABT

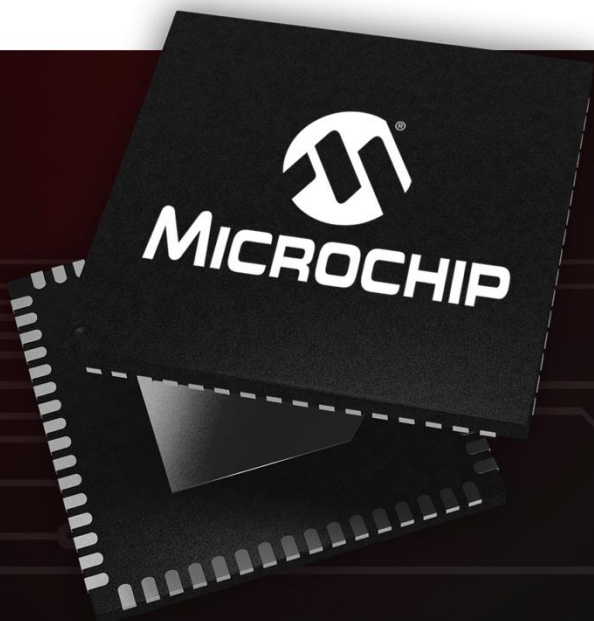
ATSAMDA1J15B-ABT

ATSAMDA1J14B-ABT

ATSAMDA1J16B-ABTVAO



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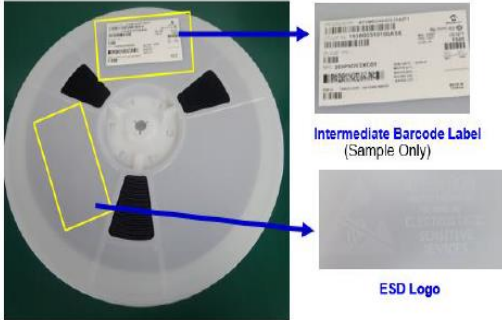
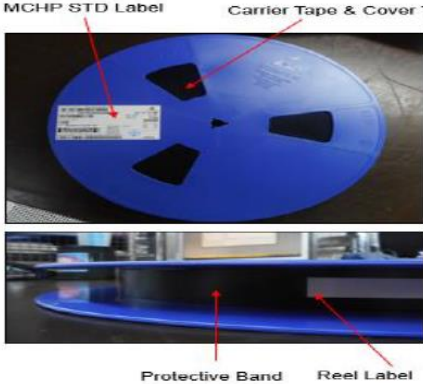


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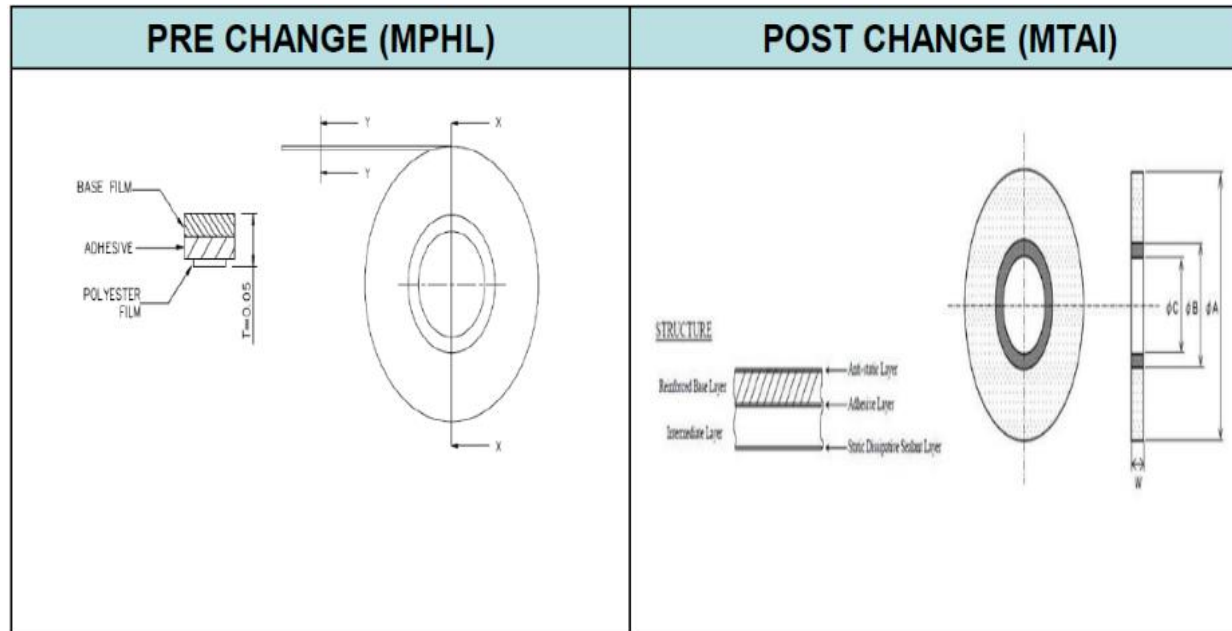
PCN # KSRA-06WETR310
CCB 3063 Pre and Post Change Summary

Reel Dimensions

PRE CHANGE (MPHL)	POST CHANGE (MTAI)
 <p data-bbox="411 863 672 921">Intermediate Barcode Label placement should be at the non-sprocket side, right side of ESD logo.</p>	


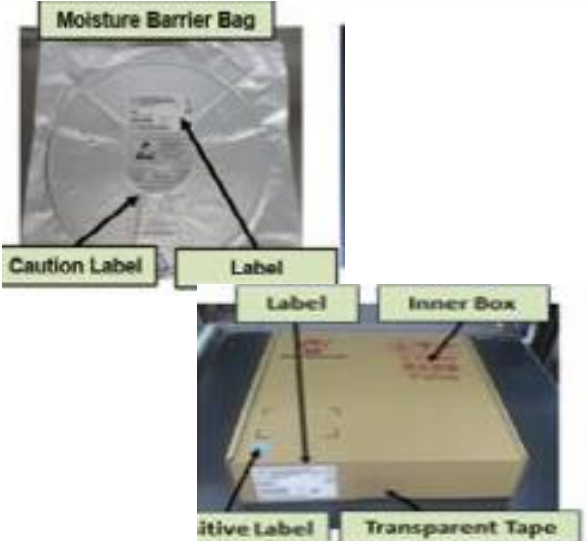


PLANT	Reel Diameter	Hub Size	Reel per box	Color
MPHL	330mm	100mm	1	White
MTAI	330mm	100mm	1	Dark Blue

Cover Tape



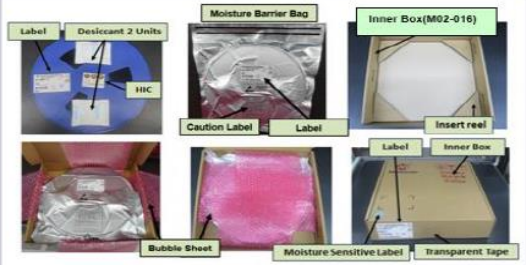


PLANT	Cover Tape Width (W)	Cover Tape Thickness (T)	Adhesive Width	Cover Tape Part Number	Sealing Methodology
MPHL	21.3 ± 0.1mm	0.05 ± 0.005mm	1.15 ± 0.15mm	CP58	Pressure Seal
MTAI	21.0 ± 0.1mm	0.050 ± 0.010mm	-	CSL-Z7302	Heal Seal

Bag & Box for T/R

PRE CHANGE (MPHL)		POST CHANGE (MTAI)		
Length	Width			
457.2	406.4			
				
Length	Width	Height		
370 mm	353 mm	78 mm		
				
				

Packing Process

PRE CHANGE (MPHL)	POST CHANGE (MTAI)
	<div data-bbox="973 401 1555 429" style="background-color: #4a7ebb; color: white; padding: 2px; text-align: center;">Non-Dry pack Product</div>  <div data-bbox="973 733 1555 762" style="background-color: #4a7ebb; color: white; padding: 2px; text-align: center;">Dry pack Product</div> 



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QUALIFICATION REPORT SUMMARY

PCN#: KSRA-06WETR310

**Date:
June 22, 2020**

**Qualification of MTAI as an additional final test site for
selected ATSAMD11 Atmel device family available in 64L
TQFP (10x10x1.0mm) package.**

Purpose: Qualification of MTAI as an additional final test site for selected ATSAMDA1 Atmel device family available in 64L TQFP (10x10x1.0mm) package.

CCB No.: 3063

Test / Evaluation	Test Conditions / Parameters	Results
Datalog/Bin Comparison	<ul style="list-style-type: none"> Compare test numbers, test names, test sequence bin assignments & pass/fail results. Accept if all match or justify the difference. 	Passed
Site by Site Verification	<ul style="list-style-type: none"> Verifies the channel map has the correct site assignments. 	Passed
Correlation Lot Report	<ul style="list-style-type: none"> Yield at each step and reject analysis between systems. 15K units are tested for each program conversion we perform. 	Passed
Unit to Unit Parametric Correlation	<ul style="list-style-type: none"> A full assembly strip characterized on both systems and graphed vs each other & the data sheet limits 	Passed
Test Stability Verification	<ul style="list-style-type: none"> 50 loop test performed with no datalog delays except on 0 fails 	Passed
Parametric Test Stability Verification	<ul style="list-style-type: none"> Use Real Time Statistics software to create report of all parametric tests 	Passed