



Product Change Notification / KSRA-30TQUS060

Date:

05-Oct-2020

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3519 Final Notice: Qualification of MTAI as an additional assembly site for selected Atmel products available in 32L TQFP (7x7x1mm) package using gold (Au) bond wire

Affected CPNs:

[KSRA-30TQUS060_Affected_CPN_10052020.pdf](#)
[KSRA-30TQUS060_Affected_CPN_10052020.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 assembly site for selected Atmel products available in 32L TQFP (7x7x1mm) package using gold (Au) bond wire

Pre Change:

Assembled in ASCL assembly site using palladium coated copper with gold flash (CuPdAu) bond wire, EN-4900 die attach, and C194 lead frame material

Post Change:

Assembled in ASCL assembly site using palladium coated copper with gold flash (CuPdAu) bond wire, EN-4900 die attach,

and C194 lead frame material

Assembled in MTAI assembly site using gold (Au) bond wire,3280 die attach, and C7025 lead frame material

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Group Chung-Li / ASCL	ASE Group Chung-Li / ASCL	Microchip Technology Thailand (HQ) / MTAI
Wire material	CuPdAu	CuPdAu	Au
Die attach material	EN-4900	EN-4900	3280
Molding compound material	G700	G700	G700
Lead frame material	C194	C194	C7025

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying MTAI as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:December 26, 2018 (date code: 1852)

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

Time Table Summary:

	September 2018					->	November 2018					December 2018			
	3 5	3 6	3 7	3 8	3 9		44	45	46	47	48	49	50	51	52
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:**September 10, 2018:** Issued initial notification.

November 26, 2018: Issued final notification. Attached the qualification report. Revised the affected parts list. Provided estimated first ship date on December 26, 2018.

October 5, 2020: Re-issued final notification. Revised the affected parts list to only include catalog part numbers based on the scope.

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-30TQUS060_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)

ATSAMD21E17D-AF
ATSAMD21E17D-AFT
ATSAMD21E17D-AU
ATSAMD21E17D-AUT
ATSAMD21E17L-AF
ATSAMD21E17L-AFT
ATSAMDA1E14B-ABT
ATSAMDA1E15B-ABT
ATSAMDA1E16B-ABT
ATSAML10E14A-AF
ATSAML10E14A-AFT
ATSAML10E14A-AU
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ATSAMD20E16B-AUT
ATSAMD21E17D-AZ
ATSAMD21E17D-AZT
ATSAMDA1E15A-ABT
ATSAMDA1E15B-ABTVAO
ATSAMDA1E16A-ABT
ATSAMDA1E16B-ABTVAO