



Product Change Notification / KSRA-18KITZ316

Date:

30-Jun-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3610 Final Notice: Qualification of UAT as an additional assembly site for selected Atmel products available in 20L, 45L, 49L and 64L WLCSP package.

Affected CPNs:

[KSRA-18KITZ316_Affected_CPN_06302021.pdf](#)
[KSRA-18KITZ316_Affected_CPN_06302021.csv](#)

Notification Text:

PCN Status: Final notification

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 UAT as an additional assembly site for selected Atmel products available in 20L, 45L, 49L and 64L WLCSP package.

Pre Change:

Assembled in ASE using PBO polymer 1 and 2, Ti/Al/Ti redistribution layer and Al/Ni/V/Cu under bump metallurgy.

Post Change:

Assembled in ASE using PBO polymer 1 and 2, Ti/Al/Ti redistribution layer and Al/Ni/V/Cu under bump metallurgy.
 Assembled in UAT using low temperature PBO polymer 1 and 2, Ti/Cu/Cu redistribution layer and Ti/Cu/Cu under bump metallurgy.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Inc. (Bumping/WLCSP) / ASE	ASE Inc. (Bumping/WLCSP) / ASE	Unisem Advance Tech / UAT
Polymer 1 and 2	PBO	PBO	Low Temperature PBO
Redistribution Layer (RDL)	Ti/Al/Ti	Ti/Al/Ti	Ti/Cu/Cu
Under Bump Metallurgy (UBM)	Al/Ni/V/Cu	Al/Ni/V/Cu	Ti/Cu/Cu
Solder Ball	SAC 405	SAC 405	SAC 405

Impacts to Data Sheet:

None.

Change Impact:None.

Reason for Change:

To improve on time delivery performance by qualifying UAT as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:

July 30, 2021 (date code: 2131)

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

Time Table Summary:

Workweek	December 2018					-->	June 2021					July 2021			
	48	49	50	51	52		23	24	25	26	27	28	29	30	31
Initial PCN Issue Date			X												
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:

December 12, 2018: Issued initial notification.

June 30, 2021: Issued final notification. Provided estimated first ship date will be on July 30, 2021. Updated affected CPN list to include other CPNs that are now part of 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-18KITZ316_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)

ATSAMD10D14A-UUT
ATSAMD11D14A-UUT
ATSAMD10D14A-UUTB5
ATSAMD10D14A-UUTBN
NI32D14-UUTBN
ATSAML21J17B-UNT
ATSAML21J17B-UNTN01
ATSAML21J18B-UUT
ATSAML21J17B-UUT
ATSAML21J17B-UUTN01
ATSAML22G18A-UUT
ATSAML22G17A-UUT
ATSAML22G17A-UUTA0
ATSAML22G17A-UUTA1
ATSAML22G17A-UUTA2
ATSAMD21G18A-UNTN01
ATSAMD21G18A-UUT
ATSAMD21G17A-UUT