

Product Change Notification - KSRA-18KITZ316

Date:

12 Dec 2018

Product Category:

32-bit Microcontrollers

Affected CPNs:

Notification subject:

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

Notification text:
PCN Status:

Initial 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 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:

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



June 2019

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	December 2018					-->	June 2019				
Workweek	48	49	50	51	52		22	23	24	25	26
Initial PCN Issue Date			X								
Qual Report Availability								X			
Final PCN Issue Date								X			

Method to Identify Change:

Traceability code

Qualification Plan:

Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:

December 12, 2018: Issued initial 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_KSRA-18KITZ316_Qual_Plan.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
ATSAMD10D14A-UUTB5
ATSAMD10D14A-UUTBN
ATSAMD11D14A-UUT
ATSAMD21G17A-UUT
ATSAMD21G18A-UUT
ATSAML21J17B-UUT
ATSAML21J18B-UUT
ATSAML22G17A-UUT
ATSAML22G17A-UUTA0
ATSAML22G17A-UUTA1
ATSAML22G18A-UUT
NI32D14-UUTBN