



Product Change Notification - KSRA-06YWXI812

Date:

06 Mar 2019

Product Category:

32-bit Microcontrollers; Others

Affected CPNs:**Notification subject:**

CCB 3449 Final Notice: Qualification of MMT as an additional assembly site for selected Atmel products of 66.1K and 66.2K technologies available in 48L VQFN (7x7x1mm) 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 MMT as an additional assembly site for selected Atmel products of 66.1K and 66.2K technologies available in 48L VQFN (7x7x1mm) package.

Pre Change:

Assembled at ASE using palladium coated copper with gold flash (CuPdAu) bond wire, EN-4900F die attach material, G631H molding compound material and C7025 lead frame material with MSL 3 classification

Post Change:

Assembled at ASE using palladium coated copper with gold flash (CuPdAu) bond wire, EN-4900F die attach material, G631H molding compound material and C7025 lead frame material with MSL 3 classification

Assembled at MMT using gold (Au) bond wire, 3280 die attach material, G700LTD molding compound material and C194 lead frame material with MSL 1 classification

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Inc./ ASE	ASE Inc./ ASE	Microchip Technology Thailand (Branch) / MMT
Wire material	CuPdAu	CuPdAu	Au
Die attach material	EN-4900F	EN-4900F	3280
Molding compound material	G631H	G631H	G700LTD
Lead frame material	C7025	C7025	C194
MSL Classification	MSL 3	MSL 3	MSL 1

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery and performance by qualifying MMT as an additional assembly site.



Change Implementation Status:

In Progress

Estimated First Ship Date:

April 6, 2019 (date code: 1914)

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

Time Table Summary:

Workweek	July 2018					-->	March 2019					April 2019				
	27	28	29	30	31		09	10	11	12	13	14	15	16	17	18
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:

July 19, 2018: Issued initial notification.

August 1, 2018: Re-issued initial notification to correct the typo MMT and 3280 die attach material under post change.

March 06, 2019: Issued final notification. Update subject and description and update post change to include ASE. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date on April 06, 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-06YWXI812_Qual_Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATSAMC20G15A-MNT
ATSAMC20G15A-MUT
ATSAMC20G16A-MNT
ATSAMC20G16A-MUT
ATSAMC20G17A-MNT
ATSAMC20G17A-MUT
ATSAMC20G18A-MNT
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