



Product Change Notification / GBNG-18KDFC913

Date:

25-Jan-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4433.001 Initial Notice: Qualification of ATK as an additional assembly site for Atmel ATSAM2613LC-CUR-101 catalog part number (CPN) available in 289L LFBGA (14X14X1.4mm) package

Affected CPNs:

[GBNG-18KDFC913_Affected_CPN_01252021.pdf](#)
[GBNG-18KDFC913_Affected_CPN_01252021.csv](#)

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 ATK as an additional assembly site for Atmel ATSAM2613LC-CUR-101 catalog part number (CPN) available in 289L LFBGA (14X14X1.4mm) package.

Pre Change:

Assembled at ASE using 2100AS die attach and KE-G1250LKDS mold compound material.

Post Change:

Assembled at ASE using 2100AS die attach and KE-G1250LKDS mold compound material or assembled at ATK using DAF EL HR-9050G-20 die attach and GE110LL mold compound material.

Pre and Post Change Summary:

		Pre Change	Post Change	
Assembly Site		ASE Inc. (ASE)	ASE Inc. (ASE)	Amkor Technology Korea (K4), INC - (ATK)
Wire material		CuPdAu	CuPdAu	CuPdAu
Die attach material		2100AS	2100AS	DAF EL HR-9050G-20
Molding compound material		KE-G1250LKDS	KE-G1250LKDS	GE110LL
Substrate material	Core	HL832NXAHS	HL832NXAHS	HL832NXAHS
	Solder mask	AUS308	AUS308	AUS308
Solder Ball Material		98.25SN/1.2AG/0.5CU/0.05NI	98.25SN/1.2AG/0.5CU/0.05NI	98.25SN/1.2AG/0.5CU/0.05NI

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

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

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

April 2021

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:

	January 2021					-->	April 2021				
Workweek	01	02	03	04	05		14	15	16	17	18
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: January 25, 2021: 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.

Attachments:

[PCN_GBNG-18KDFC913_Qual_Plan.pdf](#)

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

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