



Product Change Notification / GBNG-10KHVH761

Date:

14-Sep-2020

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3519.002 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:

[GBNG-10KHVH761_Affected_CPN_09142020.pdf](#)

[GBNG-10KHVH761_Affected_CPN_09142020.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 at ANAP assembly site using palladium coated copper (PdCu) bond wire and 3230 die attach material with MSL 3 classification.

Post Change:

Assembled at ANAP assembly site using palladium coated copper (PdCu) bond wire and 3230 die attach material with MSL 3 classification or assembled at MTAI using gold (Au) bond wire and 3280 die attach material with MSL 1 classification.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (HQ) / MTAI
Wire material	PdCu	PdCu	Au
Die attach material	3230	3230	3280
Molding compound material	G700	G700	G700
Lead frame material	C7025	C7025	C7025
MSL Classification	MSL3	MSL3	MSL1

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:

October 3, 2020 (date code: 2040)

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

Time Table Summary:

	September 2020				October 2020				
	36	37	38	39	40	41	42	43	44
Workweek									
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 14, 2020: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on October 3, 2020.

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-10KHVH761_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)

ATSAMD21E16L-AF
ATSAMD21E15L-AF
ATSAMD21E15B-AF
ATSAMD21E16B-AF
ATSAMD21E16B-AU
ATSAMD21E15B-AU
ATSAMD21E16B-AUT
ATSAMD21E15B-AUT
ATSAMD21E16L-AFT
ATSAMD21E15L-AFT
ATSAMD21E15B-AFT
ATSAMD21E16B-AFT
ATSAML21E15B-ANT
ATSAML21E16B-ANT
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ATSAML21E18B-AUT-SLL
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ATSAMD20E18A-AUTA2