



Product Change Notification / GBNG-07QSVE687

Date:

12-Oct-2021

Product Category:

8-bit Microcontrollers, Crypto Authentication, Crypto RF, Trusted Platform Module, USB Port Power Controller

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4869 Final Notice: Implement Edge Protection Technology (EPT) for selected products available in 28L (5x5x0.9mm), 36L (6x6x1mm), 40L (6x6x1mm) and 64L (9x9x1.0mm) VQFN packages at ANAP and ATP7 assembly sites.

Affected CPNs:

[GBNG-07QSVE687_Affected_CPN_10122021.pdf](#)
[GBNG-07QSVE687_Affected_CPN_10122021.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:

Implement Edge Protection Technology (EPT) for selected products available in 28L (5x5x0.9mm), 36L (6x6x1mm), 40L (6x6x1mm) and 64L (9X9X1.0mm) VQFN packages at ANAP and ATP7 assembly sites.

Pre and Post Change Summary:

	Pre Change					Post Change				
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)			Amkor Technology Philippines (P3/P4), INC. (ATP7)		Amkor Technology Philippine (P1/P2), INC. (ANAP)			Amkor Technology Philippines (P3/P4), INC. (ATP7)	
Wire material	Au			Au		Au			Au	
Die attach material	8290	8900NC	CRM-1085A	CRM-1085A		8290	8900NC	CRM-1085A	CRM-1085A	
Molding compound material	G700					G700				
Package Outline/Appearance	Non-Edge Protection Technology					With Edge Protection Technology				
	See Pre and Post Change summary									

Impacts to Data Sheet:

Yes. POD drawing.

Change Impact:

None

Reason for Change:

To improve manufacturability by implementing Edge Protection Technology (EPT).

Change Implementation Status:

In Progress

Estimated First Ship Date:

February 28, 2022 (date code: 2210)

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

Time Table Summary:

	October 2021					→	February 2022				
Workweek	41	42	43	44	45		06	06	08	09	10
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:

October 12, 2021: Issued final 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-07QSVE687_Qual_Report.pdf](#)

[PCN_GBNG-07QSVE687_Pre and Post Change_Summary.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

AT97SC3204-X2M600B
AT97SC3204-X2MA10B
AT97SC3204T-X2MB10B
AT97SC3204S-X2MC10B
AT97SC3204-U2MA10B
AT97SC3204-U2MA20B
AT97SC3204T-U2MB10B
AT97SC3204-X2M6-00
AT97SC3204-X2MA-10
AT97SC3204-X2MA-20
AT97SC3204T-X2MB-10
AT97SC3204S-X2MC-10
AT97SC3204-U2MA-10
AT97SC3204-U2MA-20
AT97SC3204T-U2MB-10
8UA1084AE9-PBTU
AT88RF1354-ZU
AT88RF1354-ZU-T
AT8USD5AG1-PBRU
AT8358402-UML2T
AT8358402-UML2T-206
UCS81001AM-C1A-V01
UCS81002AM-C1A-V02
UCS81003AM-C1A-V03
UCS81003AB-C1AVAO
UCS81001AMR-C1A-V01
UCS81002AMR-C1A-V02
UCS81003AMR-C1A-V03
UCS81003ABR-C1AVAO