



Product Change Notification / GBNG-25AASD236

Date:

27-Aug-2021

Product Category:

8-bit Microcontrollers, Clock and Timing - Clock and Data Distribution, Clock and Timing - Clock Generation

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4801 Final Notice: Implement Edge Protection Technology (EPT) for selected products available in 32L (7x7x1mm), (7x7x0.9mm) and 44L (7x7x0.9mm) VQFN packages at ANAP assembly site.

Affected CPNs:

[GBNG-25AASD236_Affected_CPN_08272021.pdf](#)

[GBNG-25AASD236_Affected_CPN_08272021.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 32L (7x7x1mm), (7x7x0.9mm) and 44L (7x7x0.9mm) VQFN packages at ANAP assembly site.

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)		
Wire material	Au	AuPd	PdCu	Au	AuPd	PdCu
Die attach material	8290	CRM-1085A		8290	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:

December 20, 2021 (date code: 2152)

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

Time Table Summary:

	August 2021					→	December 2021				
	32	33	34	35	36		49	50	51	52	53
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:

August 27, 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-25AASD236_Qual_Report.pdf](#)

[PCN_GBNG-25AASD236_Pre and Post Change_Summary.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)

SY89113UMY
SY89113UMY-TR
SY89112UMY
SY89464UMY
SY89465UMY
SY89540UMY
SY89112UMY-TR
SY89464UMY-TR
SY89465UMY-TR
SY89540UMY-TR
SY58037UMY
SY58038UMY
SY58040UMY
SY56040ARMY
SY58037UMY-TR
SY58038UMY-TR
SY58040UMY-TR
SY56040ARMY-TR
SY89859UMY
SY89859UMY-TR
SY89537LMY
SY89537LMY-TR
AT90PWM3-16MQT
AT90PWM3-16MQ
AT90PWM1-16MU
AT90PWM3B-16MU
AT90PWM1-16MUR
AT90PWM3BOS-16MUR
AT90PWM3B-16MUR
AT90PWM1EP-16MUR
AT90PWM316-16MU
AT90PWM316EBR-16MUR
AT90PWM316-16MUR
AT89C5130A-PUTUM
AT89C5131A-PUTUM
AT8375102-ZZ12T