



Product Change Notification / GBNG-03UMRU813

Date:

23-Dec-2020

Product Category:

Clock and Timing - Clock and Data Distribution, Clock and Timing - Clock Generation, Clock and Timing - Oscillators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4479 Initial Notice: Qualification of NSEB as a new assembly site for selected Micrel PL123xx, PL133xx, PL135xx, PL610xx and PL611xx device families available in 6L UDFN (1.3x2.0x0.6mm) package.

Affected CPNs:

[GBNG-03UMRU813_Affected_CPN_12232020.pdf](#)

[GBNG-03UMRU813_Affected_CPN_12232020.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 NSEB as a new assembly site for selected Micrel PL123xx, PL133xx, PL135xx, PL610xx and PL611xx device

families available in 6L UDFN (1.3x2.0x0.6mm) package.

Pre Change:

Assembled at TICP assembly site using EN4900GC die attach, CEL-9220HF mold compound and C7025 lead frame material.

Post Change:

Assembled at NSEB assembly site using 8600 die attach, G700LTD mold compound and C194 lead frame material.

Pre and Post Change Summary:

		Pre Change	Post Change
Assembly Site		TAIWAN IC PACKING CORP (TICP)	UTAC Thai Limited (NSEB)
Wire material		Au	Au
Die attach material		EN4900GC	8600
Molding compound material		CEL-9220HF	G700LTD
Lead frame	Material	C7025	C194
	Design	See attached pre and post change comparison	

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying NSEB as a new 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:

	December 2020					→	April 2021				
	49	50	51	52	53		14	15	16	17	18
Workweek											
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:

December 23, 2020: 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-03UMRU813_Qual_Plan.pdf](#)

[PCN_GBNG-03UMRU813_Pre and Post Change Summary.pdf](#)

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

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