



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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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)

PL611S-02-R99GC
PL611S-18-J79GC
PL611S-02-S26GC
PL611S-19-S31GC
PL611S-19-S33GC
PL611S-02-S38GC
PL611S-02-002
PL611S-19-002
PL123-02NGI
PL133-27GI
PL611S-02-O71GI
PL611S-02-P88GI
PL611S-19-A18GI
PL611S-02GI
PL611S-02-O72GI
PL611S-19-R70GI
PL611S-02-R84GI
PL611S-02-R85GI
PL611S-02-R96GI
PL611S-02-R97GI
PL611S-02-R98GI
PL611S-02-S10GI
PL611S-18-002
PL611S-18-R94GI
PL611S-18-R95GI
PL611S-02-S11GI
PL611S-02-S12GI
PL611S-02-S15GI
PL611S-02-S16GI
PL611S-02-S17GI
PL611S-02-S18GI
PL611S-19-S24GI
PL611S-02-S25GI
PL611S-02-S29GI
PL611S-18-S47GI
PL611S-02-S49GI
PL611S-02-S57GI
PL611S-18-S62GI
PL123-02NGC-R
PL133-27GC-R
PL611S-02-D69GC-R
PL611S-02-M28GC-R
PL611S-02-N71GC-R
PL611S-19-C85GC-R
PL611S-19-N50GC-R
PL611S-19-N51GC-R

PL133-21GC-R
PL611S-02-Q99GC-R
PL611S-19-Q48GC-R
PL611S-02-P31GC-R
PL611S-19-R29GC-R
PL611S-02GC-R
PL611S-19-R58GC-R
PL611S-19-R60GC-R
PL611S-19-R70GC-R
PL611S-19-R70GC-T5
PL611S-02-Q26GC-R
PL611S-18-R77GC-R
PL611S-02-R99GC-R
PL611S-18-J79GC-R
PL611S-02-S26GC-R
PL611S-19-S31GC-R
PL611S-19-S33GC-R
PL611S-02-S38GC-R
PL123-02NGI-R
PL133-27GI-R
PL611S-02-O71GI-R
PL611S-02-P88GI-R
PL611S-19-A18GI-R
PL611S-02GI-R
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PL611S-02-R96GI-R
PL611S-02-R97GI-R
PL611S-02-R98GI-R
PL611S-02-S10GI-R
PL611S-18-R94GI-R
PL611S-18-R95GI-R
PL611S-02-S11GI-R
PL611S-02-S12GI-R
PL611S-02-S15GI-R
PL611S-02-S16GI-R
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PL611S-02-S18GI-R
PL611S-19-S24GI-R
PL611S-02-S25GI-R
PL611S-02-S29GI-R
PL611S-18-S47GI-R
PL611S-02-S49GI-R
PL611S-02-S57GI-R
PL611S-18-S62GI-R
PL610-01GC

PL610-01-R67GC
PL610-01-R86GC
PL610-01-R85GC
PL610-01-002
PL135-27GI
PL610-01-Q90GI
PL610-01-R83GI
PL610-01-R87GI
PL610-01-R88GI
PL610-01-R67GC-R
PL610-01-R86GC-R
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PL610-01-Q90GI-R
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PL610-01-R88GI-R
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