



Product Change Notification - GBNG-09EBQV200

Date:

04 Mar 2020

Product Category:

Clock and Timing - Clock Generation; Others; Clock and Timing - Oscillators

Affected CPNs:**Notification subject:**

CCB 3858.001 Final Notice: Qualification of new bill of materials (BOM) for selected Micrel products available in 14L VQFN (2.5x3.2x0.9mm) package at NSEB assembly site.

Notification text:**PCN Status:**

Final notification

PCN Type:

Manufacturing

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 new bill of materials (BOM) for selected Micrel products available in 14L VQFN (2.5x3.2x0.9mm) package at NSEB assembly site.

Pre Change:

Using NEX-130CT & 8200T die attach, G770HCD molding compound and Q3-6646 die coat material.

Post Change:

Using HR-5104 & 2200D die attach, G700LTD molding compound and JCR6109 die coat material.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	NSEB	NSEB
Wire material	Au	Au
Die attach material 1	NEX-130CT	HR-5104
Die attach material 2	8200T	2200D
Molding compound material	G770HCD	G700LTD
Die Coat material	Q3-6646	JCR6109
Lead frame material	C194	C194

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability and productivity by qualify new bill of materials (BOM).

Change Implementation Status:

In Progress

Estimated First Ship Date:

March 31, 2020 (date code: 2014)

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



Time Table Summary:

	January 2020					>	March 2020				
	Workweek 01	02	03	04	05		10	11	12	13	14
Initial PCN Issue Date			X								
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:

January 14, 2020: Issued initial notification.

March 04, 2020: Issued final notification. Attached is the qualification report and added the estimated first date by March 31, 2020.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachment(s):

[PCN_GBNG-09EBQV200_Qual_Report.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)

DSC2010FM2-B0006
DSC2011FM1-E0005
DSC2011FM2-E0001
DSC2011FM2-E0015
DSC2010FM2-A0001
DSC2011FM1-E0015
DSC2011FM1-F0041
DSC2011FM2-E0005
DSC2011FM2-F0049
DSC2210FM2-A0030
DSC2210FM2-A0031
DSC2010FI2-A0001
DSC2010FI2-A0003
DSC557-0333FI0
DSC2010FI2-A0024
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DSC2011FI1-F0017
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DSC2030FI2-C0006
DSC2010FI2-A0017
DSC2030FI2-C0012
DSC2030FI5-C0001
DSC2031FI2-J0001
DSC2033FI1-G0002
DSC2033FI2-G0001
DSC2033FI2-G0002
DSC2033FI2-G0004
DSC2033FI2-G0006
DSC2033FI2-G0007
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DSC2122FI1-F0006

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