



Product Change Notification - ASER-30EHFB658

Date:

01 Jun 2020

Product Category:

Clock and Timing - Oscillators; Others

Affected CPNs:**Notification subject:**

CCB 3960 Initial Notice: Qualification of new bill of materials (BOM) for selected Micrel products available in 4L VDFN (5.0x3.2x0.9mm) package at NSEB assembly site.

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 new bill of materials (BOM) for selected Micrel products available in 4L VDFN (5.0x3.2x0.9mm) package at NSEB assembly site.

Pre Change:

Assembled at NSEB using NEX-130CT die 1 attach material, 8200T die 2 attach material, G770HCD molding compound, and Q3-6646 die coat.

Post Change:

Assembled at NSEB using HR-5104 die 1 attach material, 2200D die 2 attach material, G700LTD molding compound, and JCR6109 die coat.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	UTAC Thai Limited LTD. (NSEB)	UTAC Thai Limited LTD. (NSEB)
Lead Frame Material	A194	A194
Bond Wire Material	Au	Au
Die 1 Attach Material	NEX-130CT	HR-5104
Die 2 Attach Material	8200T	2200D
Molding compound material	G770HCD	G700LTD
Die Coat	Q3-6646	JCR6109

Impacts to Data Sheet:

None.



Change Impact:

None.

Reason for Change:

To improve manufacturability by qualifying a new die attach material, molding compound, and die coat.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

January 2020

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:

	November 2019					-->	January 2020				
Workweek	44	45	46	47	48		01	02	03	04	05
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:

November 20, 2019: Issued initial notification.

June 1, 2020: Reissued initial notification to update qualification plan. This is a grade 2 qualification.

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_ASER-30EHFB658_Qual Plan.pdf](#)

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

Terms and Conditions:



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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)

DSC1001BL2-050.0000TVAO
DSC1000BL3-PROG
DSC1000BL5-PROG
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