



Product Change Notification - ASER-30UYYU143

Date:

15 Jun 2020

Product Category:

Clock and Timing - Oscillators; Others

Affected CPNs:**Notification subject:**

CCB 3959 Final Notice: Qualification of new bill of materials (BOM) for selected Micrel products available in 4L VDFN (7x5x0.9mm) package at NSEB assembly site

Notification text:**PCN Status:**

Final 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 (7x5x0.9mm) package at NSEB assembly site.

Pre Change:

Assembled at NSEB using 8200T 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	8200T	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 First Ship Date:

July 15, 2020 (date code: 2029)

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

Time Table Summary:

	November 2019					-->	June 2020					July 2020				
Workweek	44	45	46	47	48		23	24	25	26	27	28	29	30	31	
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:

November 15, 2019: Issued initial notification.

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

June 15, 2020: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on July 15, 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 ASER-30UYYU143 Qual Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

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