



Product Change Notification / KSRA-05LZRG100

Date:

15-Jan-2021

Product Category:

Clock and Timing - Oscillators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4121 Final Notice: Qualification of HR-5104 die attach material for Micrel DSA1121WA1-100.0000VAO catalog part number (CPN) available in 6L VDFN (3.2x2.5x0.9mm) package at NSEB assembly site.

Affected CPNs:

[KSRA-05LZRG100_Affected_CPN_01152021.pdf](#)

[KSRA-05LZRG100_Affected_CPN_01152021.csv](#)

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 HR-5104 die attach material for Micrel DSA1121WA1-100.0000VAO catalog part number (CPN) available in 6L VDFN (3.2x2.5x0.9mm) package at NSEB assembly site.

Pre Change:

Assembled using NEX-130CT die 1 attach material

Post Change:Assembled using HR-5104 die 1 attach material

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	UTAC Thai Limited LTD. (NSEB)	UTAC Thai Limited LTD. (NSEB)
Lead Frame Material	C194	C194
Bond Wire Material	Au	Au
Die 1 Attach Material	NEX-130CT	HR-5104
Die 2 Attach Material	2200D	2200D
Molding compound material	G700LTD	G700LTD
Die Coat	JCR6109	JCR6109

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying a new die attach material HR-5104.

Change Implementation Status:In Progress

Estimated First Ship Date:January 26, 2021 (date code: 2105)

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

Time Table Summary:

Workweek	March 2020					-	January 2021				
	10	11	12	13	14		01	02	03	04	05
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:**March 10, 2020:** Issued initial notification.**March 16, 2020:** Re-issued initial notification to correct the Estimated Qualification Date and TimeTable Summary**January 15, 2021:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on January 26, 2021.

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

Attachments:

[PCN_KSRA-05LZRG100_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)

DSA1121WA1-100.0000VAO