



Product Change Notification - ASER-21RJXB243

Date:

04 May 2020

Product Category:

Others; Clock and Timing - Oscillators

Affected CPNs:**Notification subject:**

CCB 3958 Final Notice: Qualification of new bill of materials (BOM) for selected Micrel products available in 6L 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 6L VDFN (7x5x0.9mm) 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 First Ship Date:



June 04, 2020 (date code: 2023)

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

Time Table Summary:

Workweek	November 2019					-->	May 2020					June 2020				
	44	45	46	47	48		18	19	20	21	22	23	24	25	26	27
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.

May 04, 2020: Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date to be on June 04, 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-21RJXB243_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)

DSC1123NE1-200.0000T
DSC1103NL5-125.0000T
DSC1103NL2-100.0000T
DSC1103NL2-106.2500T
DSC1103NL2-135.0000T
DSC1122NI2-150.0000T
DSC1123NI1-100.0000T
DSC1123NI2-125.0000T
DSC1124NI1-100.0000T
DSC1124NI1-156.2500T
DSC1123NI2-312.5000T
DSC1101NI5-025.0000T
DSC1101NI5-020.0000T
DSC1101NI5-012.8000T
DSC1101NI5-016.3840T
DSC1104NI2-100.0000T
DSC1122NI5-025.0020T
DSC1123NL5-100.0000T
DSC1122NI2-050.0000T
DSC1103NI2-125.0000T
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DSC1121NI2-125.0000T
DSC1121NI2-025.0000T
DSC1101NI1-050.0000T
DSC1102NI5-156.2500T
DSC1123NI1-156.2500T
DSC1122NI2-156.2500T
DSC1103NI2-148.5000T
DSC1103NI2-156.2500T
DSC1101NI5-018.7500T
DSC1122NI2-148.5000T
DSC1123NI2-200.0000T
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DSC1123NI5-125.0000T
DSC1123NI5-156.2500T
DSC1123NI5-322.2656T
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DSC8124NI2
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DSC1101NL3-PROG
DSC1101NL5-PROG
DSC1100NL3-PROG
DSC1100NL5-PROG
DSC1122NL2-025.0006
DSC1103NL2-147.4560
DSC1103NL2-098.3040
DSC1123NE1-200.0000
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DSC1122NE1-025.0000T
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DSC1124NL2-100.0000T
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DSC1102NE1-125.0000T
DSC1103NE1-114.2850T
DSC1123NE1-100.0000T
DSC1123NL5-125.0000T
DSC1121NL1-025.0000T

DSC1101NL3-PROGT

DSC1101NL5-PROGT

DSC1100NL3-PROGT

DSC1100NL5-PROGT

DSC1122NL2-025.0006T

DSC1103NL2-147.4560T

DSC1103NL2-098.3040T