



Product Change Notification / RMES-16SJKO622

Date:

23-Feb-2021

Product Category:

Clock and Timing - Oscillators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4550 and 4550.001 Initial Notice: Qualification of STAR as an additional assembly site for selected Micrel products available in 4L VDFN (3.2x 2.5 x 0.9 mm) and (2.0 x2.5 x0.9 mm) packages.

Affected CPNs:

[RMES-16SJKO622_Affected_CPN_02232021.pdf](#)

[RMES-16SJKO622_Affected_CPN_02232021.csv](#)

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 STAR as an additional assembly site for selected Micrel products available in 4L VDFN (3.2x 2.5 x 0.9 mm) and (2.0 x2.5 x0.9 mm) packages.

Pre Change:

Assembled at NSEB assembly site

Post Change:

Assembled at NSEB or STAR assembly site

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	UTAC Thai Limited (NSEB)	UTAC Thai Limited (NSEB)	Stars Microelectronics (Thailand) Public Company Limited (STAR)
Wire material	Au	Au	Au
Die attach material 1	HR-5104	HR-5104	HR-5104
	Non-Conductive (DAF)	Non-Conductive (DAF)	Non-Conductive (DAF)
Die attach material 2	2200D	2200D	2200D
	Conductive	Conductive	Conductive
Die Coat	JCR6109	JCR6109	JCR6109
Molding compound material	G700	G700	G700
Leadframe material	A194	A194	A194
Lead Lock (Locking Hole)	No	No	No

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability and on-time delivery performance by qualifying STARS as an additional assembly site.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

July 2021

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:

	February 2021				->	July 2021				
Workweek	06	07	08	09		27	28	29	30	31

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: February 23, 2021: Issued initial notification.

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

Attachments:

[PCN_RMES-16SJKO622_Pre and Post Change Summary.pdf](#)

[PCN_RMES-16SJKO622_Qual_Plan.pdf](#)

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

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