



Product Change Notification / ASER-19LCRK861

Date:

23-Feb-2021

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4576 Initial Notice: Qualification of NSEB as an additional assembly site for selected MEC5107Kxxx device family available in 176L WFBGA (10x10x0.8mm) package.

Affected CPNs:

[ASER-19LCRK861_Affected_CPN_02232021.pdf](#)

[ASER-19LCRK861_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 to the right.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .csv).

Description of Change:Qualification of NSEB as an additional assembly site for selected MEC5107Kxxx device family available in 176L WFBGA (10x10x0.8mm) package.

Pre Change:Assembled at ANAC assembly site using HR-9004 die attach material, G750E molding compound material and HL832NXA substrate material.

Post Change:

Assembled at ANAC assembly site using HR-9004 die attach material, G750E molding compound material and HL832NXA substrate material.

OR

Assembled at NSEB assembly site using 2025D & 2020D die attach material, KE-G1250LKDS-30 molding compound material and CCL-HL832NXA substrate material.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)	Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)	(UTAC Thai Limited (UTL-1) LTD.) (NSEB)
Wire material	CuPdAu	CuPdAu	CuPdAu
Die attach material	HR-9004	HR-9004	2025D & 2020D
Molding compound material	G750E	G750E	KE-G1250LKDS-30
Substrate material	HL832NXA	HL832NXA	CCL-HL832NXA
Solder Mask Material	AUS320	AUS320	PSR4000-AUS308

Impacts to Data Sheet:None**Change Impact:**None**Reason for Change:**To improve manufacturability by qualifying NSEB as an additional assembly site**Change Implementation Status:**In Progress**Estimated Qualification Completion Date:**June 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					June 2021				
Workweek	6	7	8	9	-->	2 3	2 4	2 5	2 6	2 7
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_ASER-19LCRK861_Qual Plan.pdf](#)

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

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