



Product Change Notification / KSRA-23RGWT440

Date:

04-Mar-2021

Product Category:

8-bit Microcontrollers, Capacitive Touch Sensors

PCN Type:

Silicon Die Revision

Notification Subject:

CCB 4509 Initial Notice: Qualification of NSEB as a new assembly site for selected ATTINY2xx, ATTINY44x, ATTINY84x and AT42QT1040 device families available in 20L VQFN (3X3X0.85mm) package

Affected CPNs:

[KSRA-23RGWT440_Affected_CPN_03042021.pdf](#)

[KSRA-23RGWT440_Affected_CPN_03042021.csv](#)

Notification Text:

PCN Status: Initial notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the files found in the Affected CPNs section.

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

Description of Change: Qualification of NSEB as a new assembly site for selected Atmel ATTINY2xx, ATTINY44x, ATTINY84x and AT42QT1040 device families available in 20L VQFN (3X3X0.85mm) package

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	ASE Korea Inc. / ASKR	UTAC Thai Limited (UTL-1) LTD and (UTL-3)/ NSEB

Wire material		PdCu	CuPdAu
Die attach material	Spacer Die	QMI536	8600
	Top Die	EN-4900GC	HR-5104
Molding compound material		G700	G700
Lead frame material		C7025	C194
Lead frame lead plating		PPF	Matte Sn
Lead Frame DAP Surface Prep		Spot plating	Ag on lead only
Lead Frame Lead Lock		No	Yes
		See Pre and Post Change attachment for lead frame comparison	

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying NSEB as a new 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:

	March 2021					-->	July 2021				
Workweek	1 0	1 1	1 2	1 3	1 4		2 7	2 8	2 9	3 0	3 1
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:March 04, 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_KSRA-23RGWT440_Pre and Post Change Summary.pdf
PCN_KSRA-23RGWT440_Qual_plan.pdf

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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