

Product Change Notification / CENO-17RWWV592

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02-May-2024

Product Category:

8-Bit Microcontrollers, Capacitive Touch Sensors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6477 Initial Notice: Qualification of NSEB as an additional assembly site for selected AT42QT2120, AT89LPxxx, ATTINY261A, ATTINY4xxx, ATTINY8xxx device families available in 20L TSSOP (4.4mm) package.

Affected CPNs:

CENO-17RWWV592_Affected_CPN_05022024.pdf CENO-17RWWV592_Affected_CPN_05022024.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 an additional assembly site for selected AT42QT2120, AT89LPxxx, ATTINY261A, ATTINY4xxx, ATTINY8xxx device families available in 20L TSSOP (4.4mm) package.

Pre and Post Change Summary:

Pre Change	Post Change
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Assembly Site	Lingsen Precision Industries, LTD.	Lingsen Precision Industries, LTD.	UTAC Thai Limited (UTL-2)				
	(LPI)	(LPI)	(NSEB)				
Wire Material	Au / CuPdAu	Au / CuPdAu	Au				
Die Attach Material	CRM-1033BF	CRM-1033BF	8200T				
Molding Compound Material	G700	G700	G605L				
Lead-Frame Material	C7025	C7025	C7025				
Leau-Frantie Material	See Pre and Post Change comparison						
MSL Classification	MSL 2 / MSL 3	MSL 2 / MSL 3	MSL 2				
	Tube	Tube	Tube				
Packing Media	Minor dimensional changes.						
	See Pre and Post Change comparison						

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve productivity by qualifying NSEB as an additional assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:September 2024

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:

	August 2023				>	September 2024					
Workweek	3 1	3 2	3	3 4	3 5		36	37	38	39	40
Initial PCN Issue Date				Х							
Qual Report Availability											Х
Final PCN Issue Date											Х

Method to Identify Change:Traceability code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History: August 22, 2023: Issued initial notification.

May 2, 2024: Re-issued initial notification to update Qualification Plan, Wire Material at NSEB in Pre and Post Change Summary and the Qual completion date from December 2023 to September 2024.

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

Attachments:

PCN_CENO-17RWWV592 Pre and Post Change Summary.pdf PCN_CENO-17RWWV592 Qual Plan.pdf

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

Terms and Conditions:

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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Affected Catalog Part Numbers (CPN)

ATTINY261A-XU

ATTINY261A-XUR

ATTINY861A-XU

ATTINY861A-XUR

ATTINY461A-XU

ATTINY461A-XUR

ATTINY40-XU

AT42QT2120-XU

ATTINY40-XUR

AT42QT2120-XUR

AT89LP2052-20XU

AT89LP4052-20XU

Date: Thursday, May 2, 2024