

Product Change Notification / CENO-23TFNX802

Date:

04-Jul-2024

Product Category:

32-Bit Microcontrollers, Computing Embedded Controllers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 7078, 7078.001, 7078.002 Initial Notice: Qualification of ATB-F125E as a new Die attach material of Die #2 for EEC1005-I/WC-UB1, EEC1005-I/WC-UB2, EEC1005-I/WC-UB2-TR, EEC1005-I/SX1-UB1, MEC1527H-B0-I/TF, PIC32CX0525SG12144T-I/WC-DS1 and PIC32CX0525SG12084T-I/SX1-DS1 catalog part numbers (CPN) available in various packages at ANAC assembly site.

Affected CPNs:

CENO-23TFNX802_Affected_CPN_07042024.pdf CENO-23TFNX802_Affected_CPN_07042024.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 ATB-F125E as a new Die attach material of Die #2 for EEC1005-I/WC-UB1, EEC1005-I/WC-UB2, EEC1005-I/WC-UB2-TR, EEC1005-I/SX1-UB1, MEC1527H-B0-I/TF, PIC32CX0525SG12144T-I/WC-DS1 and PIC32CX0525SG12084T-I/SX1-DS1 catalog part numbers (CPN) available in various packages at ANAC assembly site.

Pre and Post Change Summary:

		Pre Change	Post Change			
Assembly Site		Amkor Assembly & Test (Shanghai) Co., LTD	Amkor Assembly & Test (Shanghai) Co., LTD			
		(ANAC)	(ANAC)			
C. da akaaka	Core Material	HL832NXA	HL832NXA			
Substrate	SM Material	AUS320	AUS320			
Wire Material		CuPdAu	CuPdAu			
Die Attach #1 Material		HR9004-20	HR9004-20			
Die Attach #2 Material		HR9004-20	ATB-F125E			
Molding Compound Material		G750E	G750E			
Solder	Ball Material	SAC105	SAC105			

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying ATB-F125E as a new Die attach material of Die #2.

Change Implementation Status:In Progress

Estimated Qualification Completion Date: November 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:

	July 2024						November 2024					
Workweek	2 7	2 8	2 9	3 0	3 1		4	4 5	4 6	4 7	4 8	
Initial PCN Issue	Х											

Date						
Qual Report					Х	
Availability						
Final PCN Issue					V	
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: July 4, 2024: 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:

CENO-23TFNX802_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)

EEC1005-I/WC-UB1
PIC32CX0525SG12144T-I/WC-DS1
EEC1005-I/WC-UB2
EEC1005-I/WC-UB2-TR
MEC1527H-B0-I/TF
PIC32CX0525SG12084T-I/SX1-DS1
EEC1005-I/SX1-UB1

Date: Thursday, July 4, 2024