



Product Change Notification / DSNO-25IYWL949

Date:

01-Apr-2024

Product Category:

Wireless IC

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6682 Initial Notice: Qualification of MTAI as an additional assembly site for PIC32CX1012BZ25048-I/MYX, PIC32CX1012BZ25048T-I/MYX, PIC32CX1012BZ25048-E/MYX, PIC32CX1012BZ25048T-E/MYX, PIC32CX1012BZ25048T-IA2/MYX and PIC32CX1012BZ25048T-IA0/MYX catalog part numbers (CPN) available in 48L VQFN (7x7x0.9mm) package.

Affected CPNs:

[DSNO-25IYWL949_Affected_CPN_04012024.pdf](#)

[DSNO-25IYWL949_Affected_CPN_04012024.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 MTAI as an additional assembly site for PIC32CX1012BZ25048-I/MYX, PIC32CX1012BZ25048T-I/MYX, PIC32CX1012BZ25048-E/MYX, PIC32CX1012BZ25048T-E/MYX, PIC32CX1012BZ25048T-IA2/MYX and PIC32CX1012BZ25048T-IA0/MYX catalog part numbers (CPN) available in 48L VQFN (7x7x0.9mm) package.

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)	Microchip Technology Thailand (HQ) (MTAI)
Wire Material	Au	Au	Au
Die Attach Material	CRM1085A	CRM1085A	QMI519
Molding Compound Material	G631BQF	G631BQF	G700LTD
Moisture Sensitivity Level (MSL)	MSL-3	MSL-3	MSL-1
Lead-Frame Material	C194	C194	A194
	See attached pre and post change for comparison.		

*Note: C194, A194 or CDA194 Lead-Frame material are the same, it is just a MCHP internal labelling difference.

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated Qualification Completion Date:May 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:

	April 2024				May 2024				
Workweek	14	15	16	17	18	19	20	21	22
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: April 01, 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:

[PCN_DSNO-25IYWL949_Pre and Post Change Summary.pdf](#)

[PCN_DSNO-25IYWL949_Qualification Plan.pdf](#)

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

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) 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)

PIC32CX1012BZ25048-I/MYX

PIC32CX1012BZ25048T-I/MYX

PIC32CX1012BZ25048-E/MYX

PIC32CX1012BZ25048T-E/MYX

PIC32CX1012BZ25048T-IA2/MYX

PIC32CX1012BZ25048T-IA0/MYX