

Product Change Notification / JAON-23VTYQ024

Date:

14-Dec-2021

Product Category:

PoE PSE

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4611 Final Notice: Qualification of MMT as an additional assembly site for selected Microsemi PD69101ILQ-TR and PD69101ILQ-13155TR catalog part numbers (CPN) available in 24L VQFN (4x5x1.0mm) package.

Affected CPNs:

JAON-23VTYQ024_Affected_CPN_12142021.pdf JAON-23VTYQ024_Affected_CPN_12142021.csv

Notification Text:

PCN Status: Final 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 MMT as an additional assembly site for selected Microsemi PD69101ILQ-TR and PD69101ILQ-13155TR catalog part numbers (CPN) available in 24L VQFN (4x5x1.0mm) package.

Pre and Post Change Summary:

Pre Change	Post Change

Assembly site	UTAC Thai Limited (UTL-1) LTD (NSEB)	Unisem Chengdu Co.,Ltd. (UNIC)	UTAC Thai Limited (UTL-1) LTD (NSEB)	Unisem Chengdu Co.,Ltd. (UNIC)	Microchip Technology Thailand (Branch) / MMT							
Wire Material	CuPdAu	Au	CuPdAu	Au	CuPdAu							
Die attach material	8600	8290	8600	8290	3280							
Molding compound material	G700LTD	G770HP	G700LTD	G770HP	G700LTD							
Lead frame material	EFTEC-64T	A194	EFTEC-64T	A194	A194							
Lead frame Paddle size	114x154 mils	114x154 mils	114x154 mils	114x154 mils	114x154 mils							
Lead Lock (Locking Holes)	Yes	No	Yes	No	Yes							
Lead Frame comparison	See pre and post change comparison											

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by and on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date:November 15, 2021 (date code: 2147)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	March 2021						November 2021					December 2021			
Workweek	1 0	11	12	13	14	->	4 5	4 6	4 7	4 8	4 9	50	51	52	53
Initial PCN issue Date				Х											

Final PCN Issue Date				х				
Qual Report Availability							х	
Estimated Implementation Date					х			

Method to Identify Change: Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:
March 26, 2021: Issued initial notification.
November 10, 2021: Issued final notification.
December 14, 2021: Re-issued final notification. Updated the qualification report to Rev B.

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

Attachments:

PCN_JAON-23VTYQ024_Qual_Report_RevB.pdf PCN_JAON-23VTYQ024 Pre_and_Post_Change_Summary.pdf

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

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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. JAON-23VTYQ024 - CCB 4611 Final Notice: Qualification of MMT as an additional assembly site for selected Microsemi PD69101ILQ-TR and PD69101ILQ-13155TR catalog part numbers (CPN) available in 24L VQFN (4x5x1.0mm) package.

Affected Catalog Part Numbers (CPN)

PD69101ILQ-TR PD69101ILQ-13155TR