



Product Change Notification / JAON-23VTYQ024

Date:

10-Nov-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_11102021.pdf](#)
[JAON-23VTYQ024_Affected_CPN_11102021.csv](#)

Notification Text:

PCN Status: Final notification

PCN Type: Manufacturing Change

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

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 Impact: None.

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.

Due to unforeseen circumstances, that are out of Microchip's control, full qualification will be made available as soon as it is approved which may be after the estimated first ship date so that Microchip can maintain continuity of supply and not disrupt customer orders.

Time Table Summary:

	March 2021					->	November 2021				
	10	11	12	13	14		45	46	47	48	49
Initial PCN Issue Date				X							
Final PCN Issue Date							X				
Qual Report Availability								X			
Estimated First Ship Date									X		

Method to Identify Change: Traceability code

Estimated Qualification Completion Date: November 2021

Note 1: This final PCN will be updated to include the Qualification report as soon as it is completed.
Note 2: Please be advised the qualification completion times may be extended because of unforeseen business conditions

Revision History: **March 26, 2021:** Issued initial notification. **November 10, 2021:** Issued final 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_JAON-23VTYQ024_Qual_Report.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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