



Product Change Notification / MAAN-03KYOV534

Date:

22-May-2024

Product Category:

Ethernet GB & PHYs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6625 Final Notice: Qualification of TMSC as a new bump site for PM6104B-FEI, PM6108B-FEI and PM6110B-FEI catalog part numbers (CPN) available in 1221L BBGA (29x29x3.57mm) package.

Affected CPNs:

[MAAN-03KYOV534_Affected_CPN_05222024.pdf](#)

[MAAN-03KYOV534_Affected_CPN_05222024.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 TMSC as a new bump site for PM6104B-FEI, PM6108B-FEI and PM6110B-FEI catalog part numbers (CPN) available in 1221L BBGA (29x29x3.57mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
Bump Site	ASE Inc. (Bumping &	Taiwan Semiconductor

	WLCSP bumping) (ASE)	Manufacturing Corp. (TSMC)
Bump Material	Cu + SnAg	Cu + SnAg
Bump Diameter	78.4um	82um x 105um

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying TSMC as a new bump site.

Change Implementation Status:In Progress

Estimated First Ship Date:January 31, 2024 (date code: 2405)

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

Time Table Summary:

	November 2023					>	January 2024					>	May 2024				
Workweek	4 4	4 5	4 6	4 7	4 8		1	2	3	4	5		1 8	1 9	2 0	2 1	2 2
Qual Report Availability																x	
Final PCN Issue Date		x															
Estimated Implementation Date											x						

Method to Identify Change:Traceability code

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

Revision History: November 9, 2023: Issued final notification.

May 22, 2024: Re-issued final notification to include the Qual Report. Updated time table summary to reflect Qual Report availability.

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

Attachments:

[PCN_MAAN-03KYOV534 Qual Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

PM6104B-FEI
PM6108B-FEI
PM6110B-FEI