



Product Change Notification / MAAN-29WJYU499

Date:

14-Mar-2024

Product Category:

8-Bit Microcontrollers, Capacitive Touch Sensors, Digital Temperature Sensors, Temperature Sensors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6229 Final Notice: Qualification of MMT as an additional assembly site for selected EMC14xx and CAP12xx device families available in 8L TDFN (2x3x0.75mm) package.

Affected CPNs:

[MAAN-29WJYU499_Affected_CPN_03142024.pdf](#)

[MAAN-29WJYU499_Affected_CPN_03142024.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 EMC14xx and CAP12xx device families available in 8L TDFN (2x3x0.75mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Amkor Technology	Amkor Technology	Microchip Technology

	Philippines (P3/P4), INC. (ATP7)	Philippines (P3/P4), INC. (ATP7)	Thailand - (Branch) (MMT)
Wire Material	Au	Au	Au
Die Attach Material	AMK-06	AMK-06	8600
Molding Compound Material	GE-7470LA	GE-7470LA	G700LTD
Lead-Frame Material	C194	C194	A194*
Lead-Frame Lead-lock	No	No	Yes
Lead-Frame Design	See Pre and Post Change 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 on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:May 08, 2024 (date code: 2419)

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

Time Table Summary:

	June 2023						>	March 2024							>	May 2024				
Workweek	22	23	24	25	26			09	10	11	12	13	14			18	19	20	21	22
Initial PCN Issue Date				x																
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:June 20, 2023: Issued initial notification.

March 14, 2024: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on May 08, 2024.

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-29WJYU499_Pre_and_Post_Change_Summary.pdf](#)

[PCN_MAAN-29WJYU499_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)

EMC1412-A-AC3-TR

EMC1462-A-AC3-TR

EMC1412-1-AC3-TR

EMC1442-A-AC3-TR

CAP1293-1-AC3-TR

CAP1203-1-AC3-TR