



Product Change Notification / CAAN-01YQNE233

Date:

04-Nov-2022

Product Category:

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

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5352 Initial Notice: Qualification of MMT as an additional assembly site for selected MCP990xx, EMC14xx and CAP12xx device families available in 10L VDFN (3x3x0.9mm) package.

Affected CPNs:

[CAAN-01YQNE233_Affected_CPN_11042022.pdf](#)
[CAAN-01YQNE233_Affected_CPN_11042022.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 MMT as an additional assembly site for selected MCP990xx, EMC14xx and CAP12xx device families available in 10L VDFN (3x3x0.9mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	HANA Microelectronics- China (HANC)	Amkor Technology Philippines (P3/P4), INC. ATP7	HANA Microelectronics- China (HANC)	Amkor Technology Philippines (P3/P4), INC. ATP7	Microchip Technology Thailand (Branch) MMT
Wire Material	Au	Au	Au	Au	Au
Die Attach Material	2200D	AMK06	2200D	AMK06	8600
Molding Compound Material	CEL9220HF13H	G700Y	CEL9220HF13H	G700Y	G700LTD
Lead-Frame Material*	C194	C194	C194	C194	A194
Lead-Frame Paddle Size	70 x 98 mils	71 x 98 mils	70 x 98 mils	71 x 98 mils	71 x 98 mils
DAP Surface Prep	NiPdAu	NiPdAu	NiPdAu	NiPdAu	NiPdAu
Lead-lock	No	No	No	No	Yes

*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 manufacturability by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:December 2022

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:

	November 2022					December 2022			
Workweek	45	46	47	48	49	50	51	52	53

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:November 04, 2022: 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_CAAN-01YQNE233_Qualification Plan.pdf](#)
- [PCN_CAAN-01YQNE233_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 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.

Affected Catalog Part Numbers (CPN)

MCP9903T-1E/9Q
MCP9903T-2E/9Q
MCP9903T-AE/9Q
MCP9904T-1E/9Q
MCP9904T-2E/9Q
MCP9904T-AE/9Q
EMC1403-1-AIA-TR
EMC1403-2-AIA-TR
EMC1413-A-AIA-TR
EMC1414-A-AIA-TR
EMC1444-A-AIA-TR
EMC1464-A-AIA-TR
CAP1206-1-AIA-TR
CAP1296-1-AIA-TR