



Product Change Notification: CAAN-02LKNV587

Date:

05-Sep-2024

Product Category:

Digital Temperature Sensors

Notification Subject:

CCB 7149 Final Notice: Qualification of MTAI as a new assembly site for EMC1402-3-ACZL-TR, EMC1402-4-ACZL-TR, EMC1412-1-ACZL-TR, EMC1412-2-ACZL-TR, EMC1412-A-ACZL-TR and EMC1422-2-ACZL-TR catalog part numbers (CPN) available in 8L MSOP (3x3mm) package with Matte Tin lead finish.

Affected CPNs:

[CAAN-02LKNV587_Affected_CPN_09052024.pdf](#)

[CAAN-02LKNV587_Affected_CPN_09052024.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 MTAI as a new assembly site for EMC1402-3-ACZL-TR, EMC1402-4-ACZL-TR, EMC1412-1-ACZL-TR, EMC1412-2-ACZL-TR, EMC1412-A-ACZL-TR and EMC1422-2-ACZL-TR catalog part numbers (CPN) available in 8L MSOP (3x3mm) package with Matte Tin lead finish.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	HANA Microelectronics-Chi	Microchip Technology Thailand (HQ)

	na (HANC)	(MTAI)
Wire Material	Au	Au
Die Attach Material	2200D	8390A
Molding Compound Material	KMC-3580P8	G600V
Lead-Frame Material	A194	CDA194*
Lead-Frame Paddle Size	71 x 92 mils	68 x 94 mils
Lead finish	NiPdAu	Matte tin
Moisture Sensitivity Level (MSL)	MSL 2	MSL 1
DAP Surface Prep	Ag plated	Bare Cu

*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 MTAI as additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:October 14, 2024 (date code: 2442)

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

Time Table Summary:

	September 2024				October 2024				
Workweek	36	37	38	39	40	41	42	43	44
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: September 05, 2024: 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_CAAAN-02LKNV587 Qual Report.pdf

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

Terms and Conditions:

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Affected Catalog Part Numbers (CPN)

EMC1402-3-ACZL-TR
EMC1402-4-ACZL-TR
EMC1412-1-ACZL-TR
EMC1412-2-ACZL-TR
EMC1412-A-ACZL-TR
EMC1422-2-ACZL-TR