



Product Change Notification / CAAN-24HZHK819

Date:

26-Jan-2023

Product Category:

Power Management - System Supervisors/Voltage Detectors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6064 Final Notice: Qualification of 84-3J/8006NS as a new die attach material for selected MCP10xT, MCP12xT and MCP13xT device families available in 3L SOT-23 (1.3mm) package at MTAI assembly site.

Affected CPNs:

[CAAN-24HZHK819_Affected_CPN_01262023.pdf](#)

[CAAN-24HZHK819_Affected_CPN_01262023.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 84-3J/8006NS as a new die attach material for selected MCP10xT, MCP12xT and MCP13xT device families available in 3L SOT-23 (1.3mm) package at MTAI assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (HQ) (MTAI)
Wire Material	Au	Au
Die Attach Material	8390A	84-3J/8006NS
Molding Compound Material	G600V	G600V
Lead-Frame Material	CDA194	CDA194

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying 84-3J/8006NS as a new die attach material.

Change Implementation Status:In Progress

Estimated First Ship Date:February 28, 2023 (date code: 2309)

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

Time Table Summary:

	January 2023				February 2023				
Workweek	1	2	3	4	5	6	7	8	9
Final PCN Issue Date				X					
Qual Report Availability				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:

January 26, 2023: 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_CAAN-24HZHK819_Qualification Report.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)

MCP130T-270I/TT
MCP130T-300I/TT
MCP130T-315I/TT
MCP130T-450I/TT
MCP130T-460I/TT
MCP130T-475I/TT
MCP130T-485I/TT
MCP100T-270I/TT
MCP100T-300I/TT
MCP100T-315I/TT
MCP100T-450I/TT
MCP100T-460I/TT
MCP100T-475I/TT
MCP100T-485I/TT
MCP100T-270I/TTAAA
MCP100T-315I/TT-HCM
MCP101T-270I/TT
MCP101T-300I/TT
MCP101T-315I/TT
MCP101T-450I/TT
MCP101T-460I/TT
MCP101T-475I/TT
MCP101T-485I/TT
MCP120T-270I/TT
MCP120T-300I/TT
MCP120T-315I/TT
MCP120T-450I/TT
MCP120T-460I/TT
MCP120T-475I/TT
MCP120T-485I/TT
MCP120T-450I/TTTS01
MCP102T-195I/TT
MCP102T-240E/TT
MCP102T-270E/TT
MCP102T-300E/TT
MCP102T-315E/TT
MCP102T-450E/TT
MCP102T-475E/TT
MCP131T-195I/TT
MCP131T-240E/TT
MCP131T-250E/TT
MCP131T-270E/TT
MCP131T-300E/TT
MCP131T-315E/TT
MCP131T-450E/TT
MCP131T-475E/TT

MCP121T-195I/TT
MCP121T-240E/TT
MCP121T-270E/TT
MCP121T-300E/TT
MCP121T-315E/TT
MCP121T-416E/TT
MCP121T-450E/TT
MCP121T-475E/TT
MCP121T-315E/TTAAA