



Product Change Notification / ALAN-29TPQO471

Date:

22-Oct-2021

Product Category:

8-bit Microcontrollers, Digital Potentiometers, Digital Temperature Sensors, Digital to Analog Converters, Linear Op Amps, Linear Regulators, Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3676.003 Final Notice: Qualification of MMT as an additional assembly site for selected automotive 93LC56C, MCP4021, PIC12F5xx, 25LC020A, MCP98xxx, 24AA16, 24LCxxx, MCP4921, MCP48xx, MCP17xxx, and MCP6002 device families available in 8L DFN (2x3x0.9mm) package.

Affected CPNs:

[ALAN-29TPQO471_Affected_CPN_10222021.pdf](#)

[ALAN-29TPQO471_Affected_CPN_10222021.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 automotive 93LC56C, MCP4021, PIC12F5xx, 25LC020A, MCP98xxx, 24AA16, 24LCxxx, MCP4921, MCP48xx, MCP17xxx, and MCP6002 device families available in 8L DFN (2x3x0.9mm) package.

Pre and Post Change Summary:

		Pre Change		Post Change		
Assembly Location		UTAC Thai Limited (UTL-1) LTD. (NSEB)		UTAC Thai Limited (UTL-1) LTD. (NSEB)		Microchip Technology Thailand (MMT)
Bond Wire		Au	CuPdAu	Au	CuPdAu	Au
Material						
Die Attach		8200T	8600	8200T	8600	3280
material						
Mold compound		G700LTD		G700LTD		G700LTD
material						
Lead	Material	EFTEC-64T	C194	EFTEC-64T	C194	C194
	DAP					
	surface	Ag	Bare Cu	Ag	Bare Cu	Bare Cu
Frame	prep					
	Lead-lock	No		No		Yes
		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 manufacturability and on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:November 30, 2021 (date code: 2149)

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

Time Table Summary:

	October 2021					November 2021				
Workweek	40	41	42	43	44	45	46	47	48	49

Qual Report Availability				X										
Final PCN Issue Date				X										
Estimated First Ship Date														X

Method to Identify Change: Traceability code

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

Revision History:October 22, 2021: 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_ALAN-29TPQO471_Pre and Post_Change Summary.pdf](#)
- [PCN_ALAN-29TPQO471_Qual_Report_1.pdf](#)
- [PCN_ALAN-29TPQO471_Qual_Report_2.pdf](#)

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

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