



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 Material		Au	CuPdAu	Au	CuPdAu	Au
Die Attach material		8200T	8600	8200T	8600	3280
Mold compound material		G700LTD		G700LTD		G700LTD
Lead Frame	Material	EFTEC-64T	C194	EFTEC-64T	C194	C194
	DAP surface prep	Ag	Bare Cu	Ag	Bare Cu	Bare Cu
	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.

Terms and Conditions:

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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)

MCP6002-E/MCVAO
MCP6002T-E/MCVAO
93LC56CT-I/MC15KVAO
93LC56CT-E/MC15KVAO
MCP4021T-503E/MCVAO
PIC12F510-E/MCVAO
PIC12F509T-I/MCVAO
25LC020AT-E/MC16KVAO
MCP9804-E/MCVAO
MCP9804T-E/MCVAO
24AA16-I/MC16KVAO
24LC16BT-I/MC16KVAO
24AA16T-I/MC16KVAO
24LC64T-I/MC16KVAO
24LC64T-E/MC16KVAO
MCP4921-E/MCVAO
MCP4801T-E/MCVAO
MCP4821T-E/MCVAO
MCP4921T-E/MCVAO
MCP1725-1202E/MCVAO
MCP1725-1802E/MCVAO
MCP1725T-1202E/MCVAO
MCP1725T-1802E/MCVAO
MCP1703AT-2502E/MCVAO
MCP1703AT-5002E/MCVAO