Product Change Notification / ALAN-25GWBA271

Date:

22-Oct-2021

Product Category:

8-bit Microcontrollers, Digital Potentiometers, Linear Op Amps, Linear Regulators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3676.002 Final Notice: Qualification of MMT as an additional assembly site for selected automotive MCP41xx, MCP4551, PIC12F6xx, PIC12HV752, TC1302B, MCP17xx, and MCP632 device families available in 8L DFN (3x3x0.9mm) package.

Affected CPNs:

ALAN-25GWBA271_Affected_CPN_10222021.pdf
ALAN-25GWBA271_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 MCP41xx, MCP4551, PIC12F6xx, PIC12HV752, TC1302B, MCP17xx, and MCP632 device families available in 8L DFN (3x3x0.9mm) 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		G770HCD	G700LTD	G770HCD	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				X						

Availability											
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-25GWBA271_Pre_and_Post_Change_Summary.pdf
PCN_ALAN-25GWBA271_Qual_Report_1.pdf
PCN_ALAN-25GWBA271 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)

MCP4141-502E/MFVAO

MCP4151-104E/MFVAO

MCP4161-502E/MFVAO

MCP4141T-502E/MFVAO

MCP4151T-103E/MFVAO

MCP4151T-104E/MFVAO

MCP4161T-502E/MFVAO

MCP4551T-502E/MFVAO

PIC12F615-E/MFVAO

PIC12F615T-I/MFVAO

PIC12F615T-E/MFVAO

PIC12HV752-I/MFVAO

PIC12HV752T-I/MFVAO

PIC12HV752T-E/MFVAO

TC1302B-PFVMF-VAO

MCP1726-ADJE/MFVAO

MCP632T-E/MFVAO

MCP1727-ADJE/MFVAO