



Product Change Notification / LIAL-21DKJL279

Date:

27-Jan-2021

Product Category:

8-bit Microcontrollers, Analog to Digital Converters, Battery Management and Fuel Gauges - Battery Chargers, Digital Potentiometers, Digital to Analog Converters, Instrumentation Amplifier, Memory, Power Management - PWM Controllers, Temperature Sensors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4439.001 and 4439.002 Final Notice: Qualification of MMT as an additional assembly site for selected products available 8L DFN (3x3x0.9mm) and (2x3x0.9mm) packages.

Affected CPNs:

[LIAL-21DKJL279_Affected_CPN_01272021.pdf](#)

[LIAL-21DKJL279_Affected_CPN_01272021.csv](#)

Notification Text:

PCN Status:Final notification.

PCN Type: Manufacturing Change

Microchip Parts Affected:Please open one of the icons found in the Affected CPNs section above.

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 products available 8L DFN (3x3x0.9mm and 2x3x0.9mm) packages.

Pre Change:

Assembled at NSEB using gold (Au) bond wire or palladium coated copper with gold flash (CuPdAu) bond wire, 8600 die attach material, EFTEC-64T lead frame or C194 lead frame material, Ag DAP surface prep or Bare Cu DAP surface prep and without lead lock lead frame

Post Change:

Assembled at NSEB using gold (Au) bond wire or palladium coated copper with gold flash (CuPdAu) bond wire, 8600 die attach material, EFTEC-64T lead frame or C194 lead frame material, Ag DAP surface prep or Bare Cu DAP surface prep and without lead lock lead frame

or Assembled at MMT using palladium coated copper with gold flash (CuPdAu) bond wire, 3280 die attach material, C194 lead frame material, Bare Cu DAP surface prep and with lead lock lead frame.

Pre and Post Change Summary:

	Pre Change		Post Change		
Assembly Site	UTAC Thai Limited (UTL-1) LTD. NSEB		UTAC Thai Limited (UTL-1) LTD. NSEB		Microchip Technology Thailand (Branch)/MMT
Wire material	Au	CuPdAu	Au	CuPdAu	CuPdAu
Die attach material	8600		8600		3280
Molding compound material	G700LTD		G700LTD		G700LTD
Lead frame material	EFTEC-64T	C194	EFTEC-64T	C194	C194
Lead Frame DAP Surface Prep	Ag	Bare Cu	Ag	Bare Cu	Bare Cu
Lead frame lead-lock	No		No		Yes
	See Pre and Post Change attachment for lead frame comparison.				

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date February 10, 2021 (date code: 2108)

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

Time Table Summary:

	January 2021					February 2021			
Workweek	01	02	03	04	05	06	07	08	09

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:**January 27, 2021:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on February 10, 2021.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_LIAL-21DKJL279_Qual_Report.pdf](#)

[PCN_LIAL-21DKJL279_Pre and Post Change Summary.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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