



## Product Change Notification / LIAL-25APCS160

### Date:

29-Jul-2021

### Product Category:

Linear Op Amps, Linear Regulators, Switching Regulators

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4779 Final Notice: Qualification of C194 lead frame with Ag on lead only die attach paddle (DAP) surface prep material for TC130xA, TC130xB, MCP6x2, MCP1612 and MCP1726 device families available in 8L DFN (3x3x0.9mm) package at NSEB assembly site.

### Affected CPNs:

[LIAL-25APCS160\\_Affected\\_CPN\\_07292021.pdf](#)  
[LIAL-25APCS160\\_Affected\\_CPN\\_07292021.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 C194 lead frame with Ag on lead only die attach paddle (DAP) surface prep material for TC130xA, TC130xB, MCP6x2, MCP1612 and MCP1726 device families available in 8L DFN (3x3x0.9mm) package at NSEB assembly site.

### 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)

Wire material	Au	Au
Die attach material	8600	8600
Molding compound material	G700LTD	G700LTD
Lead frame material	EFTEC-64T	C194
Lead frame die attach paddle (DAP) surface prep material	Ag ring	Ag on lead only
	See Pre and Post Change attachment for lead frame comparison	

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying C194 lead frame with Ag on lead only die attach paddle (DAP) surface prep material.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**August 25, 2021(date code: 2135)

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

#### Time Table Summary:

Workweek	July 2021					August 2021				
	27	28	29	30	31	32	33	34	35	3 6
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:**July 29, 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\\_LIAL-25APCS160\\_Qual Report.pdf](#)

[PCN\\_LIAL-25APCS160\\_Pre and Post Change Summary.pdf](#)

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

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