



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:

	July 2021					August 2021				
Workweek	27	28	29	30	31	32	33	34	35	36
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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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)

MCP1612-ADJI/MF
MCP1612T-ADJI/MF
TC1301A-AAAVMF
TC1301A-ADAVMF
TC1301A-AHAVMF
TC1301A-APAVMF
TC1301A-DFAVMF
TC1302A-DTVMF
TC1301A-EDAVMF
TC1301A-EFAVMF
TC1301A-EGAVMF
TC1301A-FDAVMF
TC1301A-FEAVMF
TC1302A-FFVMF
TC1301A-FFAVMF
TC1301A-FFEVMF
TC1301A-FGAVMF
TC1301A-FHAVMF
TC1301A-FSAVMF
TC1302A-HPVMF
TC1302A-IAVMF
TC1302A-IPVMF
TC1301A-NICVMF
TC1301A-NSBVMF
TC1301A-PGAVMF
TC1301A-PHEVMF
TC1301A-SFAVMF
TC1301A-SGBVMF
TC1301A-SSBVMF
TC1301A-UFEVMF
TC1301A-UHAVMF
TC1301A-UPBVMF
TC1301A-UWFVMF
TC1302A-ISVMF
TC1301A-AAAVMFTR
TC1301A-ADAVMFTR
TC1301A-AHAVMFTR
TC1301A-APAVMFTR
TC1301A-DFAVMFTR
TC1302A-DTVMFTR
TC1301A-EDAVMFTR
TC1301A-EFAVMFTR
TC1301A-EGAVMFTR
TC1301A-FDAVMFTR
TC1301A-FEAVMFTR
TC1302A-FFVMFTR

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TC1301A-FFAVMFTR
TC1301A-FFEVMFTR
TC1301A-FGAVMFTR
TC1301A-FHAVMFTR
TC1301A-FSAVMFTR
TC1302A-HPVMFTR
TC1302A-IAVMFTR
TC1302A-IPVMFTR
TC1302A-ISVMFTR
TC1301A-NICVMFTR
TC1301A-NSBVMFTR
TC1301A-PGAVMFTR
TC1301A-PHEVMFTR
TC1301A-SFAVMFTR
TC1301A-SGBVMFTR
TC1301A-SSBVMFTR
TC1301A-UFEVMFTR
TC1301A-UHAVMFTR
TC1301A-UPBVMFTR
TC1301A-UWFVMFTR
TC1302B-AFVMF
TC1301B-AIAVMF
TC1301B-APAVMF
TC1301B-CCAVMF
TC1301B-DAAVMF
TC1301B-DDAVMF
TC1302B-DPVMF
TC1301B-DPAVMF
TC1302B-DRVMF
TC1302B-DSVMF
TC1302B-DTVMF
TC1301B-EDAVMF
TC1301B-EFAVMF
TC1301B-EGAVMF
TC1302B-EIVMF
TC1301B-FAAVMF
TC1301B-FDAVMF
TC1301B-FEAVMF
TC1302B-FFVMF
TC1301B-FFAVMF
TC1301B-FGAVMF
TC1301B-FHAVMF
TC1302B-FPVMF
TC1302B-FSVMF
TC1301B-FSAVMF
TC1302B-FTVMF
TC1301B-GABVMF
TC1302B-GDVMF
TC1301B-GDDVMF

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TC1301B-GFDVMF

TC1301B-GGDVMF

TC1302B-GPVMF

TC1301B-GPDVMF

TC1301B-GWDVMF

TC1301B-HOEVMF

TC1302B-HPVMF

TC1301B-HPEVMF

TC1301B-HWEVMF

TC1302B-IAVMF

TC1302B-ICVMF

TC1301B-IECVMF

TC1302B-IPVMF

TC1302B-PFVMF

TC1302B-PHVMF

TC1302B-SDVMF

TC1301B-UPBVMF

TC1301B-UPFVMF

TC1301B-UUAVMF

TC1301B-UWFVMF

TC1302B-AFVMFTR

TC1301B-AIAVMFTR

TC1301B-APAVMFTR

TC1301B-CCAVMFTR

TC1301B-DAAVMFTR

TC1301B-DDAVMFTR

TC1302B-DPVMFTR

TC1301B-DPAVMFTR

TC1302B-DRVMFTR

TC1302B-DSVMFTR

TC1302B-DTVMFTR

TC1301B-EDAVMFTR

TC1301B-EFAVMFTR

TC1301B-EGAVMFTR

TC1302B-EIVMFTR

TC1301B-FAAVMFTR

TC1301B-FDAVMFTR

TC1301B-FEAVMFTR

TC1302B-FFVMFTR

TC1301B-FFAVMFTR

TC1301B-FGAVMFTR

TC1301B-FHAVMFTR

TC1302B-FPVMFTR

TC1302B-FSVMFTR

TC1301B-FSAVMFTR

TC1302B-FTVMFTR

TC1301B-GABVMFTR

TC1302B-GDVMFTR

TC1301B-GDDVMFTR

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TC1301B-HPEVMFTR
TC1301B-HWEVMFTR
TC1302B-IAVMFTR
TC1302B-ICVMFTR
TC1301B-IECVMFTR
TC1302B-IPVMFTR
TC1302B-PFVMFTR
TC1302B-PHVMFTR
TC1302B-SDVMFTR
TC1301B-UPBVMFTR
TC1301B-UPFVMFTR
TC1301B-UUAVMFTR
TC1301B-UWFVMFTR
MCP1726-0802E/MF
MCP1726-1202E/MF
MCP1726-1802E/MF
MCP1726-2502E/MF
MCP1726-3002E/MF
MCP1726-3302E/MF
MCP1726-5002E/MF
MCP1726-ADJE/MF
MCP1726T-0802E/MF
MCP1726T-1202E/MF
MCP1726T-1802E/MF
MCP1726T-2502E/MF
MCP1726T-3002E/MF
MCP1726T-3302E/MF
MCP1726T-5002E/MF
MCP1726T-ADJE/MF
MCP622-E/MF
MCP622T-E/MF
MCP652-E/MF
MCP652T-E/MF
MCP632-E/MF
MCP632T-E/MF
MCP662-E/MF
MCP662T-E/MF