



Product Change Notification / LIAL-15PALA813

Date:

30-Sep-2022

Product Category:

Computing Embedded Controllers, Ethernet Switches, USB Bridge

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4979 Final Notice: Qualification of new stamped lead frame with inner lead tape and non-brown oxide treatment (BOT) for selected products available in 128L TQFP (14x14x1mm) package at MMT assembly site.

Affected CPNs:

[LIAL-15PALA813_Affected_CPN_09302022.pdf](#)

[LIAL-15PALA813_Affected_CPN_09302022.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 new stamped lead frame with inner lead tape and non-brown oxide treatment (BOT) for selected products available in 128L TQFP (14x14x1mm) package at MMT assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (Branch) /MMT	Microchip Technology Thailand (Branch) / MMT
Wire Material	CuPdAu	CuPdAu
Die Attach Material	3280	3280
Molding Compound Material	G700HA	G700HA
Lead-Frame Material	C7025	C7025
Lead Frame process	Etched Stamped	Stamped
Lead Frame treatment	Without inner lead tape	With inner lead tape
	Brown oxide treatment (BOT)	Non-Brown oxide treatment (BOT)
	See attached pre and post change comparison	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying new stamped lead frame with inner lead tape and non-brown oxide treatment (BOT).

Change Implementation Status:In Progress

Estimated First Ship Date:November 30, 2022 (date code: 2249)

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

Time Table Summary:

	December 2021					>	September 2022					>	November 2022				
Workweek	4 9	5 0	5 1	5 2	5 3		3 6	3 7	3 8	3 9	4 0		4 5	4 6	4 7	4 8	4 9
Initial PCN Issue Date				x													
Qual Report											x						

Availability																	
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:December 21, 2021: Issued initial notification.
September 30, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on November 30, 2022.

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-15PALA813 Qual Report.pdf](#)
- [PCN_LIAL-15PALA813_ Pre and Post Change_Summary.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

MEC1322-NU
MEC1324-NU
MEC1322-NU-C0
MEC1322I-NU-C0
MEC1404-NU
MEC1418-NU
MEC1406-NU
MEC1408-NU
MEC1404-NU-D0
MEC1406-NU-D0
MEC1416-NU-D0
MEC1414-NU
MEC1416-NU
MEC1418-NU-D0
MEC1418-I/NU
MEC1414-I/NU
MEC1416-I/NU
MEC1428-NU-C1
MEC1428-I/NU-C1
DEC1515H-D0-I/Z2
KBC1126-NU
SCH5555-NU
SCH5553-NU
SCH5555V-NU
SCH5555-NU-TR
SCH5553-NU-TR
MEC1310-NU
MEC1310-NU-TR
LAN9311-NU
LAN9313-NU
LAN9313-NU-TR
USB2227-NU-11
USB2228-NU-11
USB2250-NU-06
USB2251-NU-06
USB2250I-NU-06
USB2251I-NU-06
USB2251I-NU-06-CAG