Product Change Notification / LIAL-07RPOQ740

Date:

13-Dec-2022

Product Category:

Ethernet PHYs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5135 Final Notice: Qualification of a new lead frame with more Ag area on DAP surface prep for selected KSZ8081 and KSZ8091 device families available in 32L VQFN (5x5x0.9mm) package assembled at MTAI assembly site.

Affected CPNs:

LIAL-07RPOQ740_Affected_CPN_12132022.pdf
LIAL-07RPOQ740_Affected_CPN_12132022.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 a new lead frame with more Ag area on DAP surface prep for selected KSZ8081 and KSZ8091 device families available in 32L VQFN (5x5x0.9mm) package assembled at MTAI assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	Microchip Technology Thailand (HQ)/ (MTAI)	Microchip Technology Thailand (HQ)/ MTAI
Wire material	Au/2N	Au/2N
Die attach material	3280	3280
Molding compound material	G700LTD	G700LTD
Lead frame material	A194	A194
Lead frame DAP surface prep	Ag selective plating	Ag selective plating (Add more Ag area)
	See Pre and Post Change Summary for comparison.	

Impacts to Data Sheet: None

Change Impact None

Reason for Change: To improve productivity by qualifying new lead frame with more Ag area on DAP surface prep.

Change Implementation Status: In Progress

Estimated First Ship Date: December 30, 2022 (date code: 2253)

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

Time Table Summary:

	August 2022					**>**	**December 2022**				
Workweek	32	33	34	35	36		49	50	51	52	53
Initial PCN Issue Date		x									
Qual Report Availability									x		
Final PCN Issue Date									x		
Estimated Implementation											x

Date											

Method to Identify Change: Traceability code

Qualification Report: Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History: August 11, 2022: Issued initial notification.
December 13, 2022: Issued final notification. Attached the Qualification Report. Updated affected parts list. Provided estimated first ship date to be on December 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-07RPOQ740_Qual Report.pdf
PCN_LIAL-07RPOQ740_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)

KSZ8091RNBCA
KSZ8081MNXCA
KSZ8091MNXCA
KSZ8081MNXIA
KSZ8081RNBCA-TR
KSZ8091RNBCA-TR
KSZ8081MNXCA-TR
KSZ8091MNXCA-TR
KSZ8081RNBIA-TR
KSZ8091RNBIA-TR
KSZ8081MNXIA-TR
KSZ8091MNXIA-TR
SPNZ801174