



Product Change Notification / LIAL-09VUUA424

Date:

27-Dec-2022

Product Category:

Ethernet Controllers, Ethernet PHYs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5151 Final Notice: Qualification of a new lead frame DAP surface prep material for selected KSZ8041xx, SPNZ80105xx and KSZ8851xx device families available in 32L VQFN (5x5x0.9mm) package assembled at MTAI assembly site.

Affected CPNs:

[LIAL-09VUUA424_Affected_CPN_12272022.pdf](#)

[LIAL-09VUUA424_Affected_CPN_12272022.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 DAP surface prep material for selected KSZ8041xx, SPNZ80105xx and KSZ8851xx 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 a new lead frame DAP surface prep material.

Change Implementation Status:In Progress

Estimated First Ship Date:January 20, 2023 (date code: 2303)

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

Time Table Summary:

	June 2022				>	December 2022					January 2023				
Workweek	2	2	2	2		4	5	5	5	5	1	2	3	4	5
	3	4	5	6		9	0	1	2	3					
Initial PCN Issue Date			x												
Qual Report Availability										x					
Final PCN Issue Date										x					
Estimated Implementation													x		

Affected Catalog Part Numbers (CPN)

KSZ8041NL
KSZ8041RNL
SPNZ801059
KSZ8041NLI
KSZ8041RNLI
KSZ8041NL-TR
KSZ8041RNL-TR
SPNZ801059-TR
KSZ8041NLI-TR
KSZ8041RNLI-TR
KSZ8851SNL
KSZ8851SNLI
KSZ8851SNL-TR
KSZ8851SNLI-TR