



## Product Change Notification / LIAL-09VUUA424

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**Date:**

15-Jun-2022

**Product Category:**

Ethernet Controllers, Ethernet PHYs

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 5151 Initial 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\\_06152022.pdf](#)  
[LIAL-09VUUA424\\_Affected\\_CPN\\_06152022.csv](#)

**Notification Text:**

**PCN Status:**Initial 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 Qualification Completion Date:**July 2022

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

**Time Table Summary:**

	June 2022				July 2022				
	2 3	2 4	2 5	2 6	2 7	2 8	2 9	3 0	3 1
Initial PCN Issue Date			x						
Qual Report					x				

Availability							
Final PCN Issue Date				X			

**Method to Identify Change:**Traceability code

**Qualification Plan:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:**June 15, 2022: Issued initial 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-09VUUA424\\_Pre and Post Change Summary.pdf](#)

[PCN\\_LIAL-09VUUA424\\_Qual Plan.pdf](#)

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

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