



Product Change Notification / LIAL-15CDKQ107

Date:

16-Mar-2023

Product Category:

Clock and Timing - Clock Generation

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6141 Initial Notice: Qualification of C7025 as a new lead frame material for ZL30291LDG1 and ZL30291LDF1 catalog part numbers (CPN) available in 100L UQFN (8x8x0.6mm) package assembled at NSEB assembly site.

Affected CPNs:

[LIAL-15CDKQ107_Affected_CPN_03162023.pdf](#)

[LIAL-15CDKQ107_Affected_CPN_03162023.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 C7025 as a new lead frame material for ZL30291LDG1 and ZL30291LDF1 catalog part numbers (CPN) available in 100L UQFN (8x8x0.6mm) package assembled 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	CuPdAu	CuPdAu
Die Attach Material	8600	8600
Molding Compound Material	G700LTD	G700LTD
Lead-Frame Material	EFTEC64	C7025

Impacts to Data Sheet: Yes, POD minor change.

Refer to datasheet link: [ZL30291 - CK440Q Compliant Gen 6 PCIe and Platform Timing Clock Generator](#)

Change Impact: None

Reason for Change: To improve productivity by qualifying C7025 as a new lead frame material.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: April 2023

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:

	March 2023					April 2023			
	9	10	11	12	13	14	15	16	17
Workweek									
Initial PCN Issue Date			X						
Qual Report Availability							X		
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:March 16, 2023: 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-15CDKQ107_Qual Plan.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)

ZL30291LDG1

ZL30291LDF1