



## Product Change Notification / NTDO-16ZPQ0768

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**Date:**

22-Feb-2022

**Product Category:**

USB Hubs

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4969 Initial Notice: Qualification of A194 lead frame material and new DAP surface prep for USB5806, USB5807, USB5816, USB5826, USB5906, USB5916 and USB5926 device families in 100L VQFN (12 x 12 x 0.9mm) package.

**Affected CPNs:**

[NTDO-16ZPQ0768\\_Affected\\_CPN\\_02222022.pdf](#)  
[NTDO-16ZPQ0768\\_Affected\\_CPN\\_02222022.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 A194 lead frame material and new DAP surface prep for USB5806, USB5807, USB5816, USB5826, USB5906, USB5916 and USB5926 device families in 100L VQFN (12 x 12 x 0.9mm) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Assembly Site</b>	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (HQ) (MTAI)
<b>Wire Material</b>	CuPdAu	CuPdAu
<b>Die Attach Material</b>	3280	3280
<b>Mold Compound Material</b>	G700	G700
<b>Leadframe</b>	<b>Material</b>	EFTEC64T
	<b>DAP Surface Prep</b>	Double Ag ring plated
	<b>Treatment</b>	Roughening
	<b>Process</b>	Etched
	<b>Plating</b>	Matte Tin
	<b>Design</b>	See attached Pre and Post Change comparison.

**Impacts to Data Sheet:**None

## Change ImpactNone

**Reason for Change:** To improve manufacturability by qualifying A194 lead frame material and new DAP surface prep.

## Change Implementation Status: In Progress

**Estimated Qualification Completion Date:** March 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:

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:**February 22, 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\\_NTDO-16ZPQ0768\\_Qual\\_Plan.pdf](#)

[PCN\\_NTDO-16ZPQ0768\\_Pre and Post Change Summary.pdf](#)

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

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