



**Product Change Notification / ALAN-25BTFR611**

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**Date:**

13-Dec-2022

**Product Category:**

Motor Drivers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 5317 Initial Notice: Qualification of NiPdAuAg as a new lead-plating material for ATA6836C-TIQW catalog part number available in 28L SOIC (.300In) package.

**Affected CPNs:**

[ALAN-25BTFR611\\_Affected\\_CPN\\_12132022.pdf](#)  
[ALAN-25BTFR611\\_Affected\\_CPN\\_12132022.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 NiPdAuAg as a new lead-plating material for ATA6836C-TIQW catalog part number available in 28L SOIC (.300In) package.

**Pre and Post Change Summary:**

	<b>Pre Change</b>	<b>Post Change</b>
Assembly Site	ASE Advanced	ASE Advanced

	Semiconductor (Shanghai) Co., Ltd. (ASSH)	Semiconductor (Shanghai) Co., Ltd. (ASSH)
Wire Material	AuPd1	AuPd1
Die Attach Material	EN-4900GC	EN-4900GC
Molding Compound Material	CEL-9240HF10AK	CEL-9240HF10AK
Lead-Frame Material	C194	C194
Lead-Frame Paddle Size	124X120	124X120
DAP Surface Prep	Ring	Ring
Lead Plating	NiPdAgPd	NiPdAuAg

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve productivity by qualifying NiPdAuAg as new lead-plating material.

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**March 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:**

	December 2022					>	March 2023				
Workweek	4 9	5 0	5 1	5 2	5 3		10	11	12	13	14
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:**December 12, 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\\_ALAN-25BTFR611\\_Qual Plan.pdf](#)

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

## **Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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)

ATA6836C-TIQW