

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

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17-Aug-2023

### **Product Category:**

**Motor Drivers** 

# **PCN Type:**

Manufacturing Change

### **Notification Subject:**

CCB 5317 Final 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\_08172023.pdf ALAN-25BTFR611\_Affected\_CPN\_08172023.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 NiPdAuAg as a new lead-plating material for ATA6836C-TIQW catalog part number available in 28L SOIC (.300In) package.

#### **Pre and Post Change Summary:**

	Pre Change	Post Change
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 First Ship Date: September 22, 2023 (date code: 2338)

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

## Time Table Summary:

	D	December 2022			>	August 2023					September 2023				
Workweek	4 9	5 0	5 1	5 2	5 3		3 1	3 2	3	3 4	3 5	36	37	38	39
Initial PCN Issue Date			Х												
Qual Report Availability									Х						
Final PCN Issue Date									Х						
Estimated Implementation Date														Х	

Method to Identify Change: Traceability code

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

**Revision History:**December 12, 2022: Issued initial notification.

August 17, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on September 22, 2023.

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 Report.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

#### **Terms and Conditions:**

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile, including opt out,</u> please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

ALAN-25BTFR611 - CCB 5317 Final Notice: Qualification of NiPdAuAg as a new lead-plating material for ATA6836C-TIQW catalog part number available in 28L SOIC (.300In) package.
Affected Catalog Part Numbers (CPN)
ATA6836C-TIQW
Date: Wednesday, August 16, 2023