



## Product Change Notification / JAON-16TWMA390

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### Date:

30-Mar-2021

### Product Category:

Car Access, Wireless Modules

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 3739.001 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected Atmel products available in 32L VQFN (5x5x1.00 mm) package at ASCL assembly site.

### Affected CPNs:

[JAON-16TWMA390\\_Affected\\_CPN\\_03302021.pdf](#)  
[JAON-16TWMA390\\_Affected\\_CPN\\_03302021.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 palladium coated copper with gold flash (CuPdAu) bond wire for selected Atmel products available in 32L VQFN (5x5x1.00 mm) package at ASCL assembly site.

#### Pre Change:

Using palladium coated gold (AuPd1) or palladium coated copper (PdCu) bond wire material.

#### Post Change:

Using palladium coated copper with gold flash (CuPdAu) bond wire material

**Pre and Post Change Summary:**

	Pre Change		Post Change
<b>Assembly Site</b>	ASE Group Chung-Li (ASCL)		ASE Group Chung-Li (ASCL)
<b>Wire material</b>	AuPd1	PdCu	CuPdAu
<b>Die attach material</b>	EN-4900G		EN-4900G
<b>Molding compound material</b>	G700LA		G700LA
<b>Lead frame material</b>	C7025		C7025

**Impacts to Data Sheet:** None

**Change Impact:**None

**Reason for Change:**To productivity by qualifying palladium coated copper with gold flash (CuPdAu) bond wire material at ASCL assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**April 30, 2021 (date code: 2118)

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

**Time Table Summary:**

	March 2021					April 2021			
Workweek	10	11	12	13	14	15	16	17	18
Qual Report Availability					X				
Final PCN Issue Date					X				
Estimated First Ship Date									X

**Method to Identify Change:** Traceability code

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

**Revision History:****October 06, 2020:** Issued initial notification.**October 12, 2020:** Re-issued initial notification to remove comment on the qualification plan.**March 30, 2021:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on April 30, 2021.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

## Attachments:

[PCN\\_JAON-16TWMA390\\_Qual\\_Report.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)

ATA5830-WNQW  
ATA5780N-WNQW  
ATA5830N-WNQW2  
ATA5830N-WNQW  
ATA5830N-WNQW1  
ATA5831-WNQW  
ATA8510-GHQW  
ATA8520-GHQW  
ATA8520D-GHQW  
ATA8520E-GHQW  
ATA8520-GHPW  
ATA8520D-GHPW  
ATA8520E-GHPW  
ATA5782-WNQW  
ATA8210-GHQW  
ATA5833-WNQW  
ATA5781-WNQW  
ATA5785-GHQW  
ATA8515-GHQW  
ATA8215-GHQW  
ATA5781N-WNQW  
ATA5833-WNQW-VAO  
ATA5781-WNQW-VAO  
ATA5785-GHQW-VAO