



## Product Change Notification / MFOL-31LDJJ524

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### Date:

03-Nov-2023

### Product Category:

LIN Transceiver with Vreg and Watchdog Timer

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 5213 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) as a new bond wire and G700LA-HP as new a mold-compound for ATA663454-GDQW and ATA663431-GDQW device families in 16L VQFN (3x5.5x1mm) package at ASCL assembly site.

### Affected CPNs:

[MFOL-31LDJJ524\\_Affected\\_CPN\\_11032023.pdf](#)

[MFOL-31LDJJ524\\_Affected\\_CPN\\_11032023.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) as a new bond wire and G700LA-HP as new a mold-compound for ATA663454-GDQW and ATA663431-GDQW device families in 16L VQFN (3x5.5x1mm) package at ASCL assembly site.

### Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site	ASE Group Chung-Li (ASCL)	ASE Group Chung-Li (ASCL)
Wire Material	PCC	CuPdAu
Die Attach Material	EN-4900G	EN-4900G
Molding Compound Material	G700LA	G700LA-HP
Lead-Frame Material	C7025	C7025
Lead-Frame Paddle Size	1.9 x 5.1mm	1.9 x 5.1mm
DAP Surface Prep	Selective Ag plating	Selective Ag plating

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve productivity and on-time delivery performance by qualifying palladium coated copper with gold flash (CuPdAu) bond wire and mold compound G700LA-HP at ASCL assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**December 4, 2023 (date code: 2349)

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

**Time Table Summary:**

	September 2022					>	November 2023					December 2023			
Workweek	3 6	3 7	3 8	3 9	4 0		4 4	4 5	4 6	4 7	4 8	4 9	5 0	5 1	5 2
Initial PCN Issue Date		x													
Qual Report Availability							x								
Final PCN Issue Date							x								
Estimated Implementation 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:**September 08, 2022: Issued initial notification.

November 03, 2023: Issued final notification. Attached the Qualification Report. Added estimated first ship date to be on December 4, 2023. Updated the notification subject. Updated the affected CPN list. Updated mold compound material.

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

## Attachments:

[PCN\\_MFOL-31LDJJ524\\_Qualification\\_Report.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.

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Affected Catalog Part Numbers (CPN)

ATA663454-GDQW

ATA663431-GDQW

ATA663454-GDQW-VAO

ATA663431-GDQW-VAO

ATA663431-GDQW-VAO-GM

ATA663454-GDQW-VAO-GM

ATA663454-GDQW-MB

ATA663454-GDQW-VAO-SG