



Product Change Notification / MFOL-02NHQX172

Date:

03-Mar-2022

Product Category:

Analog to Digital Converters, Linear Op Amps

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5027 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected various device families available in 8L TSSOP (4.4mm) package at MMT assembly site.

Affected CPNs:

[MFOL-02NHQX172_Affected_CPN_03032022.pdf](#)

[MFOL-02NHQX172_Affected_CPN_03032022.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 various device families available in 8L TSSOP (4.4mm) package at MMT assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (MMT)	Microchip Technology Thailand (MMT)
Wire Material	Au	CuPdAu
Die Attach Material	2200D	2200D
Molding Compound Material	G600V	G600V
Lead-Frame Material	C7025	C7025
Lead-Frame Paddle Size	118x87 mils	118x87 mils
DAP Surface Prep	Ag Spot	Bare Cu

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability and qualify palladium coated copper with gold flash (CuPdAu) bond wire.

Change Implementation Status:In Progress

Estimated First Ship Date:March 17, 2022 (date code: 2212)

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

Time Table Summary:

	March 2022				
Workweek	1 0	1 1	1 2	1 3	1 4
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:March 03, 2022: Issued final 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_MFOL-02NHQX172_Qual_Report.pdf](#)

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

Terms and Conditions:

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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)

MCP606-I/ST
MCP608-I/ST
MCP606T-I/ST
MCP608T-I/ST
MCP607-I/ST
MCP607T-I/ST
MCP6021-E/ST
MCP6023-E/ST
MCP6021-I/ST
MCP6023-I/ST
MCP6021T-I/ST
MCP6023T-I/ST
MCP6021T-E/ST
MCP6023T-E/ST
MCP6022-E/ST
MCP6022-I/ST
MCP6022-I/STAAA
MCP6022T-I/ST
MCP6022T-I/STAAA
MCP6022T-E/ST
MCP601-E/ST
MCP603-E/ST
MCP601-I/ST
MCP603-I/ST
MCP601T-I/ST
MCP603T-I/ST
MCP601T-E/ST
MCP603T-E/ST
MCP3201-CI/ST
MCP3201T-CI/ST
MCP3202-CI/ST
MCP3202T-CI/ST
MCP3001-I/ST
MCP3001T-I/ST
MCP3002-I/ST
MCP3002T-I/ST
MCP602-E/ST
MCP602-I/ST
MCP602-I/STAAA
MCP602T-I/ST
MCP602T-I/STAAA
MCP602T-E/ST
MCP3301-BI/ST