

Product Change Notification / JAON-09TGWM044

Date:

17-Jan-2023

Product Category:

Analog Temperature Sensors, Analog to Digital Converters, Digital Potentiometers, Digital to Analog Converters

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5278 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) as a new bond wire material for selected MCP3421xxx, MCP3425Axx, MCP401xx, MCP402xx, MCP4706Axx, MCP4716Axx, MCP4725Axx, MCP4726Axx, MCP47DA1T, and MCP9510xx device families available in 6L SOT-23 package assembled at MMT assembly site.

Affected CPNs:

JAON-09TGWM044_Affected_CPN_01172023.pdf JAON-09TGWM044_Affected_CPN_01172023.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 material for selected MCP3421xxx, MCP3425Axx, MCP401xx, MCP402xx, MCP4706Axx, MCP4716Axx, MCP4725Axx, MCP4726Axx, MCP47DA1T, and MCP9510xx device families available in 6L SOT-23 package assembled at MMT assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip	Microchip
	Technology	Technology
	Thailand (Branch)	Thailand (Branch)
	(MMT)	(MMT)
Wire Material	Au	CuPdAu
Die Attach Material	84-3J/8006NS	84-3J/8006NS
Molding Compound	G600V	G600V
Material		
Lead-Frame Material	CDA194	CDA194

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying palladium coated copper with gold flash (CuPdAu) as a new bond wire material.

Change Implementation Status:In Progress

Estimated First Ship Date: February 16, 2023 (date code: 2307)

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

Time Table Summary:

	S	->	January 2023					February 2023								
Workweek	3 6	3 7	3 8	3 9	4 0		1	2	3	4	5	6	7	8	9	10
Initial PCN Issue Date			Χ													
Qual Report Availability									Χ							
Final PCN Issue Date									Χ							
Estimated Implementation													Χ			

	_		_	_	_	_	_	_			
Date											

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:September 13, 2022: Issued initial notification.

January 17, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on February 16, 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_JAON-09TGWM044_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</u>, <u>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.

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Affected Catalog Part Numbers (CPN)

MCP4022T-202E/CH

MCP4022T-502E/CH

MCP4022T-103E/CH

MCP4022T-503E/CH

MCP4023T-202E/CH

MCP4023T-502E/CH

MCP4023T-103E/CH

10231 1032/01

MCP4023T-503E/CH

MCP4012T-202E/CH

MCP4012T-502E/CH

MCP4012T-103E/CH

MCP4012T-503E/CH

MCP4013T-202E/CH

MCP4013T-502E/CH

MCP4013T-103E/CH

MCP4013T-503E/CH

MCP9510CT-E/CH

MCP9510HT-E/CH

MCP9510HT-E/CHBAA

MCP3421A0T-E/CH

MCP3425A0T-E/CH

MCP3421LA0T-E/CH

MCP3421A1T-E/CH

MCP3425A1T-E/CH

MCP3421A2T-E/CH

MCP3425A2T-E/CH

MCP3421A3T-E/CH

MCP3425A3T-E/CH

MCP4706A0T-E/CH

MCP4706A1T-E/CH

MCP4706A2T-E/CH

MCP4706A3T-E/CH

MCP4716A0T-E/CH

MCP4716A1T-E/CH

MCP4716A2T-E/CH

MCP4716A3T-E/CH

MCP4726A0T-E/CH

MCP4726A1T-E/CH

MCP4726A2T-E/CH

MCP4726A3T-E/CH

MCP4725A0T-E/CH

MCP4725A1T-E/CH

MCP4725A2T-E/CH

MCP4725A3T-E/CH

MCP47DA1T-A0E/OT

MCP47DA1T-A1E/OT

Date: Monday, January 16, 2023