

Product Change Notification - JAON-27QDPG251

Date:

26 Jun 2020

Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers; 32-bit Microcontrollers

Affected CPNs:

Notification subject:

CCB 4156 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected products available in 64L QFN (9x9x0.9mm) package at MTAI assembly site.

Notification text:
PCN Status:

Final notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

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 products available in 64L QFN (9x9x0.9mm) package at MTAI assembly site.

Pre Change:

Using gold (Au) bond wire

Post Change:

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

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand HQ (MTAI)	Microchip Technology Thailand HQ (MTAI)
Lead frame material	C194	C194
Bond wire material	Au wire	CuPdAu wire
Die attach material	3280	3280
Mold compound material	G700LTD	G700LTD

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying palladium coated copper with gold flash (CuPdAu) bond wire at MTAI assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:



July 26, 2020 (date code: 2031)

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

Time Table Summary:

Workweek	March 2020				->	June 2020					July 2020			
	10	11	12	13		23	24	25	26	27	28	29	30	31
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:

March 3, 2020: Issued initial notification.

June 26, 2020: Issued final notification. Attached the qualification report. Updated the affected CPN list. Provided estimated first ship date to be on July 26, 2020.

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

Attachment(s):

[PCN_JAON-27QDPG251_Qual_Report.pdf](#)

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Affected Catalog Part Numbers (CPN)

DSPIC33EP256MU806-E/MR
DSPIC33EP512GP806-E/MR
DSPIC33EP512MC806-E/MR
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