

## Product Change Notification - JAON-30IVHP500 (Printer Friendly)

**Date:**

17 Nov 2017

**Product Category:**

8-bit PIC Microcontrollers; Capacitive Touch Sensors; 16-Bit - Microcontrollers and Digital Signal Controllers

**Notification subject:**

CCB 3001 Final Notice: Qualification of MMT as an additional assembly site using CuPdAu bond wire in selected products of the 200K wafer technology available in 28L SSOP package.

**Notification text:**
**PCN Status:**

Final notification

**PCN Type:**

Manufacturing Change

**Microchip Parts Affected:**

Please open the attachments found in the attachments field below labeled as PCN\_#\_Affected\_CPN.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

**Description of Change:**

Qualification of MMT as an additional assembly site using palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 200K wafer technology available in 28L SSOP package.

**Pre Change:**

Assembled at MTAI using palladium coated copper (PdCu) bond wire.

**Post Change:**

Assembled at MTAI using palladium coated copper (PdCu) bond wire or assembled at MMT using palladium coated copper with gold flash (CuPdAu) bond wire.

**Pre and Post Change Summary:**

	Pre Change		Post Change	
<b>Assembly Site</b>	Microchip Technology Thailand - HQ (MTAI)	Microchip Technology Thailand - HQ (MTAI)	Microchip Technology Thailand - Branch (MMT)	
<b>Wire material</b>	PdCu Wire	PdCu Wire	CuPdAu Wire	
<b>Die attach material</b>	3280	3280	3280	
<b>Molding compound material</b>	G600	G600	G600	

<b>Lead frame material</b>	CDA194	CDA194	CDA194
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**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying MMT as an additional assembly site using palladium coated copper with gold flash (CuPdAu) bond wire.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

December 17, 2017 (date code: 1751)

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

**Time Table Summary:**

	July 2017				-- >	November 2017				December 2017				
	27	28	29	30		44	45	46	47	48	49	50	51	52
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:**

**July 6, 2017:** Issued initial notification.

**November 17, 2017:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on December 17, 2017

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-30IVHP500\\_Affected\\_CPN.pdf](#)

[PCN\\_JAON-30IVHP500\\_Qual\\_Report.pdf](#)

[PCN\\_JAON-30IVHP500\\_Affected\\_CPN.xls](#)

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

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