



## Product Change Notification - KSRA-14MRKE725

**Date:**

09 May 2018

**Product Category:**

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

**Affected CPNs:****Notification subject:**

CCB 3028 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 0.25um TSMC wafer technology available in 44L QFN package at NSEB assembly

**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 in selected products of the 0.25um TSMC wafer technology available in 44L QFN package at NSEB 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
<b>Assembly Site</b>	NSEB Assembly Site	NSEB Assembly Site
<b>Wire material</b>	Au Wire	CuPdAu Wire
<b>Die attach material</b>	8600	8600
<b>Molding compound material</b>	G700LTD	G700LTD
<b>Lead frame material</b>	C194	C194

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve manufacturability by qualifying CuPdAu bond wire at NSEB assembly site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

May 27, 2018 (date code: 1821)

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



post change parts.

**Time Table Summary:**

Workweek	July 2017					->	April 2018					May 2018				
	26	27	28	29	30		14	15	16	17	18	19	20	21	22	
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 Plan:**

Please open the attachments included with this PCN labeled as PCN\_#\_Qual Plan

**Revision History:**

**July 18, 2017:** Issued initial notification.

**April 27, 2018:** Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date on May 27, 2018.

**May 09, 2018:** Re-issued final notification to correct the attached qual report.

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\\_KSRA-14MRKE725\\_Qual\\_report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

PIC18F46J11-I/ML  
PIC18F46J11T-I/ML  
PIC18LF46J11-I/ML  
PIC18LF46J11T-I/ML  
PIC18F44J11-I/ML  
PIC18F44J11T-I/ML  
PIC18LF44J11-I/ML  
PIC18LF44J11T-I/ML  
PIC18F45J11-I/ML  
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