

## Product Change Notification - KSRA-200SOQ751

(Printer Friendly)

<b>Date:</b>	05 Aug 2017
<b>Product Category:</b>	Memory; Power Management - PWM Controllers; Sigma - Delta A/D Converters; Digital Potentiometers; System D/A Converters; Instrumentation Amplifier; Battery Management and Fuel Gauges - Battery Chargers; Temperature Sensors; 8-bit PIC Microcontrollers
<b>Notification subject:</b>	CCB 3041 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond in selected products of the 160K wafer technology available in 8L DFN package at NSEB assembly site
<b>Notification text:</b>	<b>PCN Status:</b> Initial notification

### 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 palladium coated copper with gold flash (CuPdAu) bond in selected products of the 160K wafer technology available in 8L DFN package at NSEB assembly site

### Pre Change:

Using gold (Au) bond wire, 8200T or 8600 die attach material, G770HCD or G700LTD molding compound material and C194 or EFTEC-64T lead frame material

### Post Change:

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

8600 die attach material, G700LTD molding compound material and C194 lead frame material

**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>	8200T	8600	8600	8600
<b>Molding compound material</b>	G770HCD	G700LTD	G700LTD	G700LTD
<b>Lead frame material</b>	C194	C194	EFTEC-64T	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 Qualification Completion Date:**

January 2018

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

**Time Table Summary:**

	August 2017					-->	January 2018				
Workweek	31	32	33	34	35		01	02	03	04	05
Initial PCN Issue Date	X										
Qual Report Availability							X				
Final PCN Issue 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:**

**August 05, 2017:** Issued initial notification.

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-200SOQ751\\_Affected CPN.pdf](#)  
[PCN\\_KSRA-200SOQ751\\_Qual Plan.pdf](#)  
[PCN\\_KSRA-200SOQ751\\_Affected CPN.xlsx](#)

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

**Terms and Conditions:**

If you wish to change your product/process change notification (PCN) profile please log on to our website at <http://www.microchip.com/PCN> sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.

To opt out of future offer or information emails (other than product change

notification emails), click here to go to [microchipDIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."



[Products](#) | [Applications](#) | [Design Support](#) | [Training](#) |  
[Sample And Buy](#) | [About Us](#) | [Contact Us](#) | [Legal](#) | [Investors](#) |  
[Careers](#) | [Support](#)  
©Copyright 1998-2017 Microchip Technology Inc. All rights reserved.