

## Product Change Notification - KSRA-14QOCR585

(Printer Friendly)

**Date:** 17 Aug 2017

**Product** 8-bit PIC Microcontrollers

**Category:**

**Notification subject:** CCB 2976 Final Notice: Qualification palladium coated copper (PdCu) bond wire for selected Atmel products available in 100L TFBGA package (9x9mm) at LPI assembly site.

**Notification text:** **PCN Status:**  
Final 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 palladium coated copper (PdCu) bond wire for selected Atmel products available in 100L TFBGA package (9x9mm) at LPI assembly site.

**Pre Change:**

Using gold (Au) bond wire

**Post Change:**

Using palladium coated copper (PdCu) bond wire

**Pre and Post Change Summary:**

|                      | Pre Change        | Post Change       |
|----------------------|-------------------|-------------------|
| <b>Assembly Site</b> | LPI assembly site | LPI assembly site |

|                                  |                    |                    |
|----------------------------------|--------------------|--------------------|
| <b>Wire material</b>             | Au wire            | PdCu wire          |
| <b>Die attach material</b>       | 2100A              | 2100A              |
| <b>Molding compound material</b> | G770H              | G770H              |
| <b>Substrate material</b>        | BT Resin substrate | BT Resin substrate |

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity and qualifying palladium coated copper (PdCu) bond wire

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

September 18, 2017 (date code: 1738)

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

**Summary Table:**

|                          | August 2017 |    |    |    | September 2017 |    |    |    |    |
|--------------------------|-------------|----|----|----|----------------|----|----|----|----|
|                          | 31          | 32 | 33 | 34 | 35             | 36 | 37 | 38 | 39 |
| Workweek                 |             |    |    |    |                |    |    |    |    |
| Qual Report Availability |             |    | X  |    |                |    |    |    |    |
| Final PCN Issue Date     |             |    | X  |    |                |    |    |    |    |
| 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:**

**August 18, 2017:** Issued final notification.

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

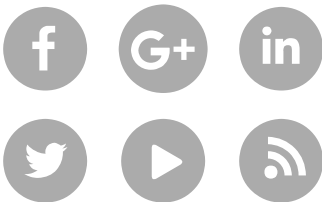
**Attachment(s):** [PCN\\_KSRA-14QOCR585\\_Affected CPN.pdf](#)  
[PCN\\_KSRA-14QOCR585\\_Qual Report.pdf](#)  
[PCN\\_KSRA-14QOCR585\\_Affected CPN.xlsx](#)

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