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## Product Change Notification - JAON-17JDSD193

**Date:** 05 Aug 2016  
**Product Category:** Analog (Thermal, Power Management & Safety)  
**Notification subject:** CCB 2596 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 40K wafer technology available in 8L MSOP package at MTAI 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 of palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 40K wafer technology available in 8L MSOP package at MTAI assembly site.

**Pre Change:**

Gold (Au) bond wire

**Post Change:**

Palladium coated copper with gold flash (CuPdAu) bond wire

**Pre and Post Change Summary:**

|                                  | Pre Change         | Post Change        |
|----------------------------------|--------------------|--------------------|
| <b>Assembly Site</b>             | MTAI assembly site | MTAI assembly site |
| <b>Wire material</b>             | Au wire            | CuPdAu wire        |
| <b>Die attach material</b>       | 8390A              | 8390A              |
| <b>Molding compound material</b> | G600               | G600               |
| <b>Lead frame material</b>       | CDA194             | CDA194             |

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve manufacturability and qualify palladium coated copper with gold flash (CuPdAu) bond wire.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**  
September 4, 2016 (date code: 1635)

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

**Time Table Summary:**

|                               | June 2016 |    |    |    |    | July 2016 |    |    |    | August 2016 |    |    |    | September 2016 |    |    |    |    |
|-------------------------------|-----------|----|----|----|----|-----------|----|----|----|-------------|----|----|----|----------------|----|----|----|----|
| WW                            | 22        | 23 | 24 | 25 | 26 | 27        | 28 | 29 | 30 | 31          | 32 | 33 | 34 | 35             | 36 | 37 | 38 | 39 |
| 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:**  
**June 9, 2016:** Issued initial notification.  
**August 5, 2016:** Issued final notification. Attached the qualification report. Provided estimated first ship date on September 4, 2016.

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-17JDSD193\\_Qual\\_Report.pdf](#)  
[PCN\\_JAON-17JDSD193\\_Affected\\_CPN.pdf](#)  
[PCN\\_JAON-17JDSD193\\_Affected\\_CPN.xls](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

| PCN JAON-17JDSD193 |
|--------------------|
| CATALOG_PART_NBR   |
| TC1410EUA          |
| TC1410EUA713       |
| TC1410NEUA         |
| TC1410NEUA713      |
| TC1410NVUA         |
| TC1410NVUA713      |
| TC1411EUA          |
| TC1411EUA713       |
| TC1411NEUA         |
| TC1411NEUA713      |
| TC1411NVUA         |
| TC1411NVUA713      |
| TC1411VUA          |
| TC1411VUA713       |
| TC1412EUA          |
| TC1412EUA713       |
| TC1412NEUA         |
| TC1412NEUA713      |
| TC1413EUA          |
| TC1413EUA713       |
| TC1413NEUA         |
| TC1413NEUA713      |
| TC1426CUA          |
| TC1426CUA713       |
| TC1427CUA          |
| TC1427CUA713       |
| TC1428CUA          |
| TC1428CUA713       |
| TC426CUA           |
| TC426CUA713        |
| TC426EUA           |
| TC426EUA713        |
| TC427CUA           |
| TC427CUA713        |
| TC427EUA           |
| TC427EUA713        |
| TC428CUA           |
| TC428CUA713        |
| TC428EUA           |
| TC428EUA713        |
| TC4426ACUA         |
| TC4426ACUA713      |
| TC4426AEUA         |

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|--------------------|
| CATALOG_PART_NBR   |
| TC4426AEUA713      |
| TC4426AVUA         |
| TC4426AVUA713      |
| TC4426CUA          |
| TC4426CUA713       |
| TC4426EUA          |
| TC4426EUA713       |
| TC4426VUA          |
| TC4426VUA713       |
| TC4427AEUA         |
| TC4427AEUA713      |
| TC4427AVUA         |
| TC4427AVUA713      |
| TC4427CUA          |
| TC4427CUA713       |
| TC4427EUA          |
| TC4427EUA713       |
| TC4427VUA          |
| TC4427VUA713       |
| TC4428AEUA         |
| TC4428AEUA713      |
| TC4428AVUA         |
| TC4428AVUA713      |
| TC4428CUA          |
| TC4428CUA713       |
| TC4428EUA          |
| TC4428EUA713       |
| TC4428VUA          |
| TC4428VUA713       |