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## Product Change Notification - JAON-27DRIR445

**Date:** 06 Jun 2016  
**Product Category:** Analog (Thermal, Power Management & Safety)  
**Notification subject:** CCB 2638.001 Final Notice: Qualification of non-conductive die attach epoxy 8900NC for selected products available in 8L SOIC 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 non-conductive die attach epoxy 8900NC for selected products available in 8L SOIC package at MTAI assembly site.

**Pre Change:**

Using conductive die attach epoxy 8390A.

**Post Change:**

Using non-conductive die attach epoxy 8900NC.

**Pre and Post Change Summary:**

|                                  | Pre Change         | Post Change        |
|----------------------------------|--------------------|--------------------|
| <b>Assembly Site</b>             | MTAI assembly site | MTAI assembly site |
| <b>Wire material</b>             | Au or PdCu wire    | Au or PdCu wire    |
| <b>Die attach material</b>       | 8390A              | 8900NC             |
| <b>Die attach conductive</b>     | Yes                | No                 |
| <b>Molding compound material</b> | G600               | G600               |
| <b>Lead frame material</b>       | CDA194             | CDA194             |

**Impacts to Data Sheet:**

None

**Reason for Change:**

To improve productivity by qualifying non-conductive die attach epoxy 8900NC at MTAI assembly site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

As identified for each CPN listed in the attached parts list.

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

**Summary Table:**

|                               | June 2016 |    |                                       |    |    | -----> |  |  |  | September 2016 |    |    |    |    |    |
|-------------------------------|-----------|----|---------------------------------------|----|----|--------|--|--|--|----------------|----|----|----|----|----|
| WW                            | 22        | 23 | 24                                    | 25 | 26 |        |  |  |  |                | 35 | 36 | 37 | 38 | 39 |
| Qual Report Availability      |           | X  |                                       |    |    |        |  |  |  |                |    |    |    |    |    |
| Final PCN Issue Date          |           | X  |                                       |    |    |        |  |  |  |                |    |    |    |    |    |
| Estimated Implementation Date |           |    | As listed in the attached parts list. |    |    |        |  |  |  |                |    |    |    |    |    |

**Markings to Distinguish Revised from Unrevised Devices:**  
Traceability code

**Revision History:**  
**June 6, 2016:** Issued final notification. Attached the qualification 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\\_JAON-27DRIR445\\_Qual\\_Report.pdf](#)
  - [PCN\\_JAON-27DRIR445\\_Affected\\_CPN.pdf](#)
  - [PCN\\_JAON-27DRIR445\\_Affected\\_CPN.xlsx](#)

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

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Affected Catalog Part Numbers (CPN)

| <b>PCN_JAON-27DRIR445</b> |   |
|---------------------------|---|
| <b>CATALOG_PART_NBR</b>   | <b>Estimated First Ship Date (EFSO)</b> |
| MCP1403-E/SN              | June 17, 2016                           |
| MCP1403T-E/SN             | June 17, 2016                           |
| MCP1404-E/SN              | June 17, 2016                           |
| MCP1404-E/SNVAO           | September 30, 2016                      |
| MCP1404T-E/SN             | June 17, 2016                           |
| MCP1404T-E/SNVAO          | September 30, 2016                      |
| MCP1405-E/SN              | June 17, 2016                           |
| MCP1405T-E/SN             | June 17, 2016                           |
| MCP1405T-E/SNVAO          | September 30, 2016                      |
| MCP14A0153-E/SN           | June 17, 2016                           |
| MCP14A0153T-E/SN          | June 17, 2016                           |
| MCP14A0154-E/SN           | June 17, 2016                           |
| MCP14A0154T-E/SN          | June 17, 2016                           |
| MCP14A0155-E/SN           | June 17, 2016                           |
| MCP14A0155T-E/SN          | June 17, 2016                           |
| MCP14E3-E/SN              | June 17, 2016                           |
| MCP14E3T-E/SN             | June 17, 2016                           |
| MCP14E4-E/SN              | June 17, 2016                           |
| MCP14E4T-E/SN             | June 17, 2016                           |
| MCP14E4T-E/SNVAO          | September 30, 2016                      |
| MCP14E5-E/SN              | June 17, 2016                           |
| MCP14E5T-E/SN             | June 17, 2016                           |
| TC1426COA                 | June 17, 2016                           |
| TC1426COA713              | June 17, 2016                           |
| TC1427COA                 | June 17, 2016                           |
| TC1427COA713              | June 17, 2016                           |
| TC1428COA                 | June 17, 2016                           |
| TC1428COA713              | June 17, 2016                           |
| TC426COA                  | June 17, 2016                           |
| TC426COA713               | June 17, 2016                           |
| TC426EOA                  | June 17, 2016                           |
| TC426EOA713               | June 17, 2016                           |
| TC427COA                  | June 17, 2016                           |
| TC427COA713               | June 17, 2016                           |
| TC427EOA                  | June 17, 2016                           |
| TC427EOA713               | June 17, 2016                           |
| TC427VOA                  | June 17, 2016                           |
| TC427VOA713               | June 17, 2016                           |
| TC428COA                  | June 17, 2016                           |
| TC428COA713               | June 17, 2016                           |
| TC428EOA                  | June 17, 2016                           |
| TC428EOA713               | June 17, 2016                           |
| TC428VOA                  | June 17, 2016                           |

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Affected Catalog Part Numbers (CPN)

| PCN_JAON-27DRIR445 |                                  |
|--------------------|----------------------------------|
| CATALOG_PART_NBR   | Estimated First Ship Date (EFSO) |
| TC428VOA713        | June 17, 2016                    |
| TC4423AVOA         | June 17, 2016                    |
| TC4423AVOA713      | June 17, 2016                    |
| TC4424AVOA         | June 17, 2016                    |
| TC4424AVOA713      | June 17, 2016                    |
| TC4424AVOA713APP   | June 17, 2016                    |
| TC4425AVOA         | June 17, 2016                    |
| TC4425AVOA713      | June 17, 2016                    |
| TC4426ACOA         | June 17, 2016                    |
| TC4426ACOA713      | June 17, 2016                    |
| TC4426AEOA         | June 17, 2016                    |
| TC4426AEOA713      | June 17, 2016                    |
| TC4426AVOA         | June 17, 2016                    |
| TC4426AVOA713      | June 17, 2016                    |
| TC4426COA          | June 17, 2016                    |
| TC4426COA713       | June 17, 2016                    |
| TC4426COA713CAA    | June 17, 2016                    |
| TC4426EOA          | June 17, 2016                    |
| TC4426EOA713       | June 17, 2016                    |
| TC4426VOA          | June 17, 2016                    |
| TC4426VOA713       | June 17, 2016                    |
| TC4427ACOA         | June 17, 2016                    |
| TC4427ACOA713      | June 17, 2016                    |
| TC4427AEOA         | June 17, 2016                    |
| TC4427AEOA713      | June 17, 2016                    |
| TC4427AEOA713AAA   | June 17, 2016                    |
| TC4427AEOAAAA      | June 17, 2016                    |
| TC4427AVOA         | June 17, 2016                    |
| TC4427AVOA713      | June 17, 2016                    |
| TC4427AVOA713-VAO  | September 30, 2016               |
| TC4427AVOA-VAO     | September 30, 2016               |
| TC4427COA          | June 17, 2016                    |
| TC4427COA713       | June 17, 2016                    |
| TC4427COA713HAZ    | June 17, 2016                    |
| TC4427COA723       | June 17, 2016                    |
| TC4427EOA          | June 17, 2016                    |
| TC4427EOA713       | June 17, 2016                    |
| TC4427EOA-VAO      | September 30, 2016               |
| TC4427VOA          | June 17, 2016                    |
| TC4427VOA713       | June 17, 2016                    |
| TC4428ACOA         | June 17, 2016                    |
| TC4428ACOA713      | June 17, 2016                    |
| TC4428ACOA713-GTD  | June 17, 2016                    |

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Affected Catalog Part Numbers (CPN)

| PCN_JAON-27DRIR445 |                                  |
|--------------------|----------------------------------|
| CATALOG_PART_NBR   | Estimated First Ship Date (EFSO) |
| TC4428AEOA         | June 17, 2016                    |
| TC4428AEOA713      | June 17, 2016                    |
| TC4428AVOA         | June 17, 2016                    |
| TC4428AVOA713      | June 17, 2016                    |
| TC4428AVOA713-VAO  | September 30, 2016               |
| TC4428COA          | June 17, 2016                    |
| TC4428COA713       | June 17, 2016                    |
| TC4428COA723       | June 17, 2016                    |
| TC4428DCOA         | June 17, 2016                    |
| TC4428EOA          | June 17, 2016                    |
| TC4428EOA713       | June 17, 2016                    |
| TC4428VOA          | June 17, 2016                    |
| TC4428VOA713       | June 17, 2016                    |
| TC4428VOA713-VAO   | September 30, 2016               |