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Product Change Notification - JAON-20DZPV439

Date: 13 Jun 2016
Product Category: Memory; 8-bit Microcontrollers
Notification subject: CCB 2598 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 150K and 160K wafer technologies available in 8L SOIJ package at MTAI
Notification text: **PCN Status:**
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 wire in selected products of the 150K and 160K wafer technologies available in 8L SOIJ package at MTAI assembly site.

Pre Change:

Using Gold (Au) and Palladium coated copper (PdCu) bond wire.

Post Change:

Using Palladium coated copper with gold flash (CuPdAu) bond wire.

Pre and Post Change Summary:

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

Impacts to Data Sheet:

None

Reason for Change:

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

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

June 2016

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.

Summary Table:

| | June 2016 | | | | |
|--------------------------|-----------|----|----|----|----|
| | 22 | 23 | 24 | 25 | 26 |
| Initial PCN Issue Date | | | X | | |
| Qual Report Availability | | | | | X |
| Final PCN Issue Date | | | | | X |

Markings to Distinguish Revised from Unrevised Devices:
Traceability code

Revision History:
June 13, 2016: 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_JAON-20DZPV439_Qual_Plan.pdf](#)
 - [PCN_JAON-20DZPV439_Affected_CPN.pdf](#)
 - [PCN_JAON-20DZPV439_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-20DZPV439 |
|--------------------|
| CATALOG_PART_NBR |
| 24AA128-I/SM |
| 24AA128T-I/SM |
| 24AA256/SM |
| 24AA256-E/SM |
| 24AA256-I/SM |
| 24AA256T/SM |
| 24AA256T-E/SM |
| 24AA256T-I/SM |
| 24AA32A/SM |
| 24AA32A-I/SM |
| 24AA32AT/SM |
| 24AA32AT-I/SM |
| 24AA512-I/SM |
| 24AA512-I/SMRVE |
| 24AA512T-I/SM |
| 24AA512T-I/SMRVE |
| 24AA64-E/SM |
| 24AA64-I/SM |
| 24AA64T-E/SM |
| 24AA64T-I/SM |
| 24FC128-I/SM |
| 24FC128T-I/SM |
| 24FC256-I/SM |
| 24FC256T-I/SM |
| 24FC512-I/SM |
| 24FC512T-I/SM |
| 24FC512T-I/SMRVE |
| 24FC64-I/SM |
| 24FC64T-I/SM |
| 24LC128-E/SM |
| 24LC128-I/SM |
| 24LC128-I/SMRVF |
| 24LC128T-E/SM |
| 24LC128T-I/SM |
| 24LC128T-I/SMG |
| 24LC256-E/SM |
| 24LC256-I/SM |
| 24LC256-I/SMRVE |
| 24LC256-I/SMRVF |
| 24LC256T-E/SM |
| 24LC256T-E/SMRVF |
| 24LC256T-I/SM |
| 24LC256T-I/SMG |

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Affected Catalog Part Numbers (CPN)

| PCN_JAON-20DZPV439 |
|--------------------|
| CATALOG_PART_NBR |
| 24LC256T-I/SMRVE |
| 24LC256T-I/SMRVF |
| 24LC32A/SM |
| 24LC32A-E/SM |
| 24LC32A-I/SM |
| 24LC32AT/SM |
| 24LC32AT-E/SM |
| 24LC32AT-I/SM |
| 24LC512-E/SM |
| 24LC512-I/SM |
| 24LC512-I/SMA21 |
| 24LC512-I/SMG |
| 24LC512-I/SMRVE |
| 24LC512T-E/SM |
| 24LC512T-I/SM |
| 24LC512T-I/SMRVE |
| 24LC64-E/SM |
| 24LC64-I/SM |
| 24LC64-I/SMRVE |
| 24LC64T-E/SM |
| 24LC64T-I/SM |
| 24LC64T-I/SMRVE |
| 25AA1024-I/SM |
| 25AA1024-I/SMB21 |
| 25AA1024T-I/SM |
| 25AA1024T-I/SMB21 |
| 25AA128-I/SM |
| 25AA128T-I/SM |
| 25AA256-E/SM |
| 25AA256-I/SM |
| 25AA256T-E/SM |
| 25AA256T-I/SM |
| 25AA512-I/SM |
| 25AA512T-I/SM |
| 25LC1024-E/SM |
| 25LC1024-I/SM |
| 25LC1024-I/SMA23 |
| 25LC1024T-E/SM |
| 25LC1024T-I/SM |
| 25LC1024T-I/SMA23 |
| 25LC128-E/SM |
| 25LC128-I/SM |
| 25LC128T-E/SM |

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|--------------------|
| CATALOG_PART_NBR |
| 25LC128T-I/SM |
| 25LC256-E/SM |
| 25LC256-I/SM |
| 25LC256T-E/SM |
| 25LC256T-I/SM |
| 25LC512-E/SM |
| 25LC512-I/SM |
| 25LC512T-E/SM |
| 25LC512T-I/SM |
| PIC12F509-E/SM |
| PIC12F509-I/SM |
| PIC12F509T-E/SM |
| PIC12F509T-I/SM |
| PIC12F509T-I/SM034 |
| PIC12F509T-I/SM035 |
| PIC12F509T-I/SM036 |
| PIC12F509T-I/SM037 |
| PIC12F509T-I/SM038 |