

Product Change Notification - JAON-22CDLC928 (Printer Friendly)

Date:

31 Jan 2018

Product Category:

8-bit PIC Microcontrollers; Interface- Serial Peripherals; Interface- Controller Area Network (CAN)

Notification subject:

CCB 3000 Final Notice: Qualification of MMT as an additional assembly site using CuPdAu bond wire in selected products of the 150K and 160K wafer technologies available in 28L SSOP package.

Notification text:
PCN Status:

Final notification

PCN Type:

Manufacturing Change

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 MMT as an additional assembly site using palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 150K and 160K wafer technologies available in 28L SSOP package.

Pre Change:

Assembled at MTAI using palladium coated copper (PdCu) bond wire.

Post Change:

Assembled at MTAI using palladium coated copper (PdCu) bond wire or assembled at MMT using palladium coated copper with gold flash (CuPdAu) bond wire.

Pre and Post Change Summary:

| | Pre Change | Post Change | |
|----------------------------------|---|---|--|
| Assembly Site | Microchip Technology Thailand (HQ) / MTAI | Microchip Technology Thailand (HQ) / MTAI | Microchip Technology Thailand Branch (MMT) |
| Wire material | PdCu Wire | PdCu Wire | CuPdAu Wire |
| Die attach material | 3280 | 3280 | 3280 |
| Molding compound material | G600 | G600 | G600 |
| Lead frame material | CDA194 | CDA194 | CDA194 |

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|--|--|--|--|
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|--|--|--|--|

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve productivity by qualifying MMT as an additional assembly site using palladium coated copper with gold flash (CuPdAu) bond wire.

Change Implementation Status:

In Progress

Estimated First Ship Date:

February 28, 2018 (date code: 1809)

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

Time Table Summary:

| | July 2017 | | | | - | January 2018 | | | | | February 2018 | | | |
|-------------------------------|-----------|----|----|----|---|--------------|----|----|----|----|---------------|----|----|----|
| | 27 | 28 | 29 | 30 | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |
| Workweek | | | | | | | | | | | | | | |
| 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:

July 6, 2017: Issued initial notification.

January 31, 2018: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on February 28, 2018.

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-22CDLC928_Qual_Report.pdf](#)
- [PCN_JAON-22CDLC928_Affected CPN.pdf](#)
- [PCN_JAON-22CDLC928_Affected CPN.xlsx](#)

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

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