



Product Change Notification - LIAL-08TVGL467

Date:

02 Apr 2018

Product Category:

8-bit PIC Microcontrollers; 16-Bit - Microcontrollers and Digital Signal Controllers; USB Bridge; USB Power Delivery

Affected CPNs:**Notification subject:**

CCB 3262, 3262.001-3262.003 Initial Notice: Qualification of CuPdAu wire in selected products of the 200K wafer technology available in different QFN packages at MTAI assembly site.

Notification text:**PCN Status:**

Initial notification. **PCN**

Type: Manufacturing

Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

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 200K wafer technology available in 28L QFN-S (6x6mm), 28L QFN (6x6mm), 20L QFN (5x5mm), 16L QFN (4x4mm), 20L QFN (4x4mm) and 16L QFN (3x3mm) packages at MTAI assembly site.

Pre Change:

Using gold (Au) 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 | Microchip Technology Thailand HQ (MTAI) | Microchip Technology Thailand HQ (MTAI) |
| Wire material | Au | CuPdAu |
| Die attach material | 3280 | 3280 |
| Molding compound material | G700LTD | G700LTD |
| Lead frame material | A194 | A194 |

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying palladium coated copper with gold flash (CuPdAu) bond wire.

Change Implementation Status:



In Progress

Reason for Change:

To improve on-time delivery performance by qualifying palladium coated copper with gold flash (CuPdAu) bond wire

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

April 2018

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. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

| Workweek | March 2018 | | | | | | April 2018 | | | | |
|--------------------------|------------|----|----|----|----|--|------------|----|----|----|----|
| | 09 | 10 | 11 | 12 | 13 | | 14 | 15 | 16 | 17 | 18 |
| Initial PCN Issue Date | | | | | X | | | | | | |
| Qual Report Availability | | | | | | | | X | | | |
| Final PCN Issue Date | | | | | | | | X | | | |

Method to Identify Change:

Traceability code

Qualification Plan:

Please open the attachments included with this PCN labeled as PCN_#_Qual Plan.

Revision History:

March 27, 2018: Issued initial notification.

April 02, 2018: Re-issued initial notification to correct the time table summary.

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_LIAL-08TVGL467_QUAL PLAN.pdf](#)

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

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To opt out of future offer or information emails (other than product change notification emails), click here to go to [microchip DIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."

Affected Catalog Part Numbers (CPN)

PIC16F1503-E/MGVAO
PIC16F1503-H/MGVAO
PIC16F1503-I/MGVAO
PIC16F1503T-E/MGVAO
PIC16F1503T-H/MGVAO
PIC16F1503T-I/MGVAO
PIC16F1507-H/MLVAO
PIC16F1507T-H/MLVAO
PIC16F1508-E/MLVAO
PIC16F1508-H/MLVAO
PIC16F1508T-E/MLVAO
PIC16F1508T-H/MLVAO
PIC16F1508T-I/MLVAO
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PIC24FV16KA302T-I/MLVAO
UTC2000-E/MG042
UTC2000T-E/MG042
MCP2200-I/MQVAO
MCP2200T-I/MQVAO
MCP2200T-E/MQVAO