



Product Change Notification - LIAL-22YHTT084

Date:

01 Aug 2018

Product Category:

8-bit Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3227 and 3227.001 Final 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 SOIC package at GTK assembly site.

Notification text:**PCN Status:**

Final 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 150K and 160K wafer technologies available in 8L SOIC package at GTK assembly site.

Pre Change:

Using gold (Au) bond wire, CRM-1076DJ die attach and G600 mold compound material

Post Change:

Using palladium coated copper with gold flash (CuPdAu) bond wire, 4900GC die attach and G700 mold compound material.

Pre and Post Change Summary:

| | Pre Change | Post Change |
|----------------------------------|------------------------------|------------------------------|
| Assembly Site | Greatek Electronic Inc.(GTK) | Greatek Electronic Inc.(GTK) |
| Wire material | Au | CuPdAu |
| Die attach material | CRM-1076DJ | 4900GC |
| Molding compound material | G600 | G700 |
| Lead frame material | A194 | A194 |

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying palladium coated copper with gold flash (CuPdAu) bond wire.

Change Implementation Status:

In Progress

Estimated First Ship Date:

September 01, 2018 (date code: 1836)



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

Time Table Summary:

| | February 2018 | | | | | --> | August 2018 | | | | | September 2018 | | | | |
|-------------------------------|---------------|----|----|----|----|-----|-------------|----|----|----|----|----------------|----|----|----|----|
| Workweek | 05 | 06 | 07 | 08 | 09 | | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 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:

February 01, 2018: Issued initial notification

February 19, 2018: Revised the PCN to update the affected part list

August 01, 2018: Issued final notification. Attached the Qualification Report. Provided estimated first ship date on September 01, 2018.

Attachment(s):

[PCN_LIAL-22YHTT084 Qual Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

PIC12F675-C/SN
PIC12F675-E/SN
PIC12F675-I/SN
PIC12F675-I/SN102
PIC12F675-I/SN112
PIC12F675-I/SN166
PIC12F675-I/SN172
PIC12F675-I/SN177
PIC12F675-I/SN202
PIC12F675-I/SNC15
PIC12F675T-C/SN
PIC12F675T-E/SN
PIC12F675T-E/SN073
PIC12F675T-E/SN082
PIC12F675T-E/SN091
PIC12F675T-I/SN
PIC12F675T-I/SN026
PIC12F675T-I/SN049
PIC12F675T-I/SN075
PIC12F675T-I/SN079
PIC12F675T-I/SN085
PIC12F675T-I/SN121
PIC12F675T-I/SN131
PIC12F675T-I/SN145
PIC12F675T-I/SN150
PIC12F675T-I/SN152
PIC12F675T-I/SN153
PIC12F675T-I/SN166
PIC12F675T-I/SN172
PIC12F675T-I/SN173
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PIC12F675T-I/SN200
PIC12F675T-I/SN201
PIC12F675T-I/SN202
PIC12F675T-I/SN206
PIC12F675T-I/SN207
PIC12F675T-I/SNC15
PIC12F683-E/SN
PIC12F683-E/SN084

PIC12F683-I/SN
PIC12F683-I/SN
PIC12F683-I/SN075
PIC12F683-I/SNAU
PIC12F683T-E/SN
PIC12F683T-E/SN040
PIC12F683T-E/SN079
PIC12F683T-E/SN084
PIC12F683T-E/SN092
PIC12F683T-E/SN097
PIC12F683T-E/SN098
PIC12F683T-I/SN
PIC12F683T-I/SN061
PIC12F683T-I/SN062
PIC12F683T-I/SN072
PIC12F683T-I/SN091
PIC12F683T-I/SNAU