

## Product Change Notification - LIAL-22YHTT084

**Date:** 01 Feb 2018  
**Product Category:** Memory; 8-bit PIC Microcontrollers  
**Notification subject:** CCB 3227, 3227.001 Initial Notice: Qualification of 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:**  
Initial 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 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
<b>Assembly Site</b>	Greatek Electronic Inc. (GTK)	Greatek Electronic Inc. (GTK)
<b>Wire material</b>	Au	CuPdAu
<b>Die attach material</b>	CRM-1076DJ	4900GC
<b>Molding compound material</b>	G600	G700
<b>Lead frame material</b>	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 Qualification Completion Date:**

June 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:**

	February 2018					-->	June 2018			
Workweek	05	06	07	08	09		23	24	25	26
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:****February 01, 2018:** 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\\_LIAL-22YHTT084\\_ Qual\\_Plan.pdf](#)  
[PCN\\_LIAL-22YHTT084\\_Affected CPN.pdf](#)  
[PCN\\_LIAL-22YHTT084\\_Affected CPN.xls](#)

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

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Catalog Part Numbers (CPN)

PCN_ LIAL-22YHTT084
CATALOG_PART_NBR
24AA08/SN
24AA08-I/SN
24AA08T/SN
24AA08T-I/SN
24AA128-I/SN
24AA128T-I/SN
24AA128T-I/SNRVF
24AA16-E/SN
24AA16-I/SN
24AA16-I/SNB22
24AA16T-E/SN
24AA16T-I/SN
24AA16T-I/SNB22
24AA256-E/SN
24AA256-I/SN
24AA256-I/SN104
24AA256T-E/SN
24AA256T-I/SN
24AA256T-I/SN104
24AA256T-I/SN105
24AA64/SN
24AA64-E/SN
24AA64F-I/SN
24AA64FT-I/SN
24AA64-I/SN
24AA64-I/SN101
24AA64T/SN
24AA64T-E/SN
24AA64T-I/SN
24AA64T-I/SN101
24AA64T-I/SNB79
24FC128-E/SN
24FC128-I/SN
24FC128T-E/SN
24FC128T-I/SN
24FC256-E/SN
24FC256-I/SN
24FC256T-E/SN
24FC256T-I/SN
24FC64F-I/SN
24FC64FT-I/SN
24FC64-I/SN
24FC64T-I/SN
24LC08B/SN
24LC08B-E/SN
24LC08B-I/SN

Catalog Part Numbers (CPN)

PCN_ LIAL-22YHTT084
CATALOG_PART_NBR
24LC08BT/SN
24LC08BT-E/SN
24LC08BT-I/SN
24LC08BT-I/SN16KV04
24LC128-E/SN
24LC128-I/SN
24LC128-I/SNRVF
24LC128T-E/SN
24LC128T-I/SN
24LC128T-I/SNRVF
24LC16B/SN
24LC16B-E/SN
24LC16B-I/SN
24LC16B-M/SN
24LC16BT/SN
24LC16BT/SNA79
24LC16BT-E/SN
24LC16BT-I/SN
24LC16BT-M/SN
24LC256-E/SN
24LC256-I/SN
24LC256T-E/SN
24LC256T-I/SN
24LC256T-I/SNRVF
24LC64-E/SN
24LC64F-E/SN
24LC64F-I/SN
24LC64FT-E/SN
24LC64FT-I/SN
24LC64-I/SN
24LC64-I/SN100
24LC64T-E/SN
24LC64T-E/SNA31
24LC64T-I/SN
24LC64T-I/SN100
24LC64T-I/SNA79
25AA040A-I/SN
25AA040AT-I/SN
25AA080A-I/SN
25AA080AT-I/SN
25AA160B-I/SN
25AA160BT-I/SN
25AA640A-E/SN
25AA640A-I/SN
25AA640AT-E/SN
25AA640AT-I/SN

Catalog Part Numbers (CPN)

PCN_ LIAL-22YHTT084
CATALOG_PART_NBR
25AA640AT-I/SNB23
25LC040A-E/SN
25LC040A-H/SN
25LC040A-I/SN
25LC040A-I/SN103
25LC040A-M/SN
25LC040AT-E/SN
25LC040AT-H/SN
25LC040AT-I/SN
25LC040AT-I/SN103
25LC040AT-M/SN
25LC080A-E/SN
25LC080A-H/SN
25LC080A-I/SN
25LC080AT-E/SN
25LC080AT-H/SN
25LC080AT-I/SN
25LC160B-E/SN
25LC160B-I/SN
25LC160BT-E/SN
25LC160BT-I/SN
25LC640A-E/SN
25LC640A-H/SN
25LC640A-I/SN
25LC640A-M/SN
25LC640AT-E/SN
25LC640AT-H/SN
25LC640AT-I/SN
25LC640AT-M/SN
HA1100/SN
HA688-I/SN
HA688T-I/SN
PIC12F508-E/SN
PIC12F508-I/SN
PIC12F508-I/SN038
PIC12F508-I/SN080
PIC12F508T-E/SN
PIC12F508T-E/SN079
PIC12F508T-I/SN
PIC12F508T-I/SN020
PIC12F508T-I/SN025
PIC12F508T-I/SN040
PIC12F508T-I/SN045
PIC12F508T-I/SN056
PIC12F508T-I/SN066
PIC12F508T-I/SN080

Catalog Part Numbers (CPN)

PCN_ LIAL-22YHTT084
CATALOG_PART_NBR
PIC12F629-C/SN
PIC12F629-E/SN
PIC12F629-E/SN219
PIC12F629-E/SN244
PIC12F629-I/SN
PIC12F629-I/SN102
PIC12F629-I/SN148
PIC12F629-I/SN206
PIC12F629-I/SN207
PIC12F629-I/SN208
PIC12F629-I/SN209
PIC12F629-I/SN218
PIC12F629-I/SNC24
PIC12F629T-C/SN
PIC12F629T-E/SN
PIC12F629T-E/SN219
PIC12F629T-E/SN244
PIC12F629T-I/SN
PIC12F629T-I/SN039
PIC12F629T-I/SN051
PIC12F629T-I/SN056
PIC12F629T-I/SN065
PIC12F629T-I/SN069
PIC12F629T-I/SN084
PIC12F629T-I/SN091
PIC12F629T-I/SN102
PIC12F629T-I/SN138
PIC12F629T-I/SN140
PIC12F629T-I/SN148
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PIC12F629T-I/SN220
PIC12F629T-I/SN232
PIC12F629T-I/SN233
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PIC12F629T-I/SN241
PIC12F629T-I/SN242
PIC12F629T-I/SN245
PIC12F629T-I/SNC19
PIC12F635-E/SN
PIC12F635-I/SN
PIC12F635-I/SN057
PIC12F635T-I/SN
PIC12F635T-I/SN041

Catalog Part Numbers (CPN)

PCN_ LIAL-22YHTT084
CATALOG_PART_NBR
PIC12F635T-I/SN043
PIC12F635T-I/SN047
PIC12F635T-I/SN050
PIC12F635T-I/SN058
PIC12F635T-I/SN066
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
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PIC12F675T-I/SN194
PIC12F675T-I/SN195
PIC12F675T-I/SN199
PIC12F675T-I/SN200
PIC12F675T-I/SN201
PIC12F675T-I/SN202

Catalog Part Numbers (CPN)

PCN_ LIAL-22YHTT084
CATALOG_PART_NBR
PIC12F675T-I/SN206
PIC12F675T-I/SN207
PIC12F675T-I/SNC15
PIC12F683-E/SN
PIC12F683-E/SN084
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