



Product Change Notification - LIAL-01MXFB070

Date:

21 Mar 2018

Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers; Interface- Controller Area Network (CAN);
8-bit PIC Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3263,3263.001-3263.002 Qualification of CuPdAu wire in selected products of 150K and 160K wafer technologies in 28L QFN-S(6x6mm), 28L(6x6mm), 16L(4x4mm) and 20L(4x4mm) QFN packages at MTAI 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 28L QFN-S (6x6mm), 28L QFN (6x6mm), 16L QFN (4x4mm) and 20L QFN (4x4mm) packages assembled 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

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:

	March 2018				-->	April 2018			
Workweek	08	09	10	11		16	17	18	19
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 07, 2018: Issued initial notification.

March 21, 2018: Revised this initial notification to be issued to all affected customers.

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-01MXFB070_QUAL PLAN.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

DSPIC30F2010-20E/MMVAO
DSPIC30F2010-20I/MMVAO
DSPIC30F2010T-20E/MMVAO
DSPIC30F2010T-20I/MMVAO
MCP2515-E/MLVAO
MCP2515T-E/MLVAO
PIC16F616T-I/MLVAO
PIC16F685T-E/MLVAO
PIC16F688-I/MLVAO
PIC16F688T-I/MLVAO
PIC16F689T-I/MLVAO
PIC16F883-E/MLVAO
PIC16F883T-E/MLVAO
PIC16F886-E/MLVAO
PIC16F886T-E/MLVAO
PIC16F886T-I/MLVAO
PIC16HV616-I/MLVAO
PIC16HV616T-I/MLVAO
PIC16LF628A-I/MLVAO
PIC16LF628AT-I/MLVAO
PIC18F2480-E/MLVAO
PIC18F2480T-E/MLVAO
PIC18F2480T-I/MLVAO
PIC18F2580T-I/MLVAO
PIC18LF2520T-E/MLVAO