



Product Change Notification - LIAL-08TVGL467

Date:

19 Jul 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 Final 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:**

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 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:

Assembled at MTAI using gold (Au) bond wire, 3280 die attach, G700LTD molding compound and A194 lead frame material or assembled at NSEB using gold (Au) bond wire, 8200T die attach, G770HCD molding compound and C194 or EFTEC-64T lead frame material

Post Change:

Assembled at MTAI using palladium coated copper with gold flash (CuPdAu) bond wire, 3280 die attach, G700LTD molding compound and A194 lead frame material

Pre and Post Change Summary:

	Pre Change		Post Change
Assembly Site	Microchip Technology Thailand HQ (MTAI)	UTAC Thai Limited (UTL-1) LTD. (NSEB)	Microchip Technology Thailand HQ (MTAI)
Wire material	Au	Au	CuPdAu
Die attach material	3280	8200T	3280
Molding compound material	G700LTD	G770HCD	G700LTD
Lead frame material	A194	C194/ EFTEC-64T	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 First Ship Date:

June 22, 2018(date code: 1825)

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

Time Table Summary:

Workweek	March 2018					-->	May 2018					June 2018			
	09	10	11	12	13		18	19	20	21	22	23	24	25	26
Initial PCN Issue Date					X										
Qual Report									X						
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:

March 27, 2018: Issued initial notification.

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

May 22, 2018: Issued final notification. Attached is the qualification report. Provided estimated first ship date to be on June 22, 2018.

July 19, 2018: Re-issued final notification to include NSEB assembly site in the pre-change. Update Affected CPN list.

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_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)

PIC18F14K22T-E/MLVAO
PIC18F24K20T-E/MLVAO
PIC18F24K22T-E/MLVAO
PIC18F25K20-I/MLVAO
PIC18F25K20T-E/MLVAO
MCP2200-I/MQVAO
MCP2200T-E/MQVAO
MCP2200T-I/MQVAO
PIC16F1503-E/MGVAO
PIC16F1503-I/MGVAO
PIC16F1503T-E/MGVAO
PIC16F1503T-I/MGVAO
PIC16F1508-E/MLVAO
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PIC16F1704-E/MLVAO
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PIC24F16KA102T-I/MLVAO
PIC24FV16KA302-I/MLVAO
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UTC2000-E/MG042
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