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Product Change Notification - KSRA-08ZQDJ558

Date: 27 Dec 2016
Product Category: 8-bit PIC Microcontrollers; USB Power Delivery
Notification subject: CCB 2799 Initial Notice: Qualification of CuPdAu bond wire for selected products of 200K wafer technology available in 16L QFN (3x3x0.9mm) package at NSEB assembly site
Notification text: **PCN Status:**
Initial notification

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 for selected products of 200K wafer technology available in 16L QFN (3x3x0.9mm) package at NSEB 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	NSEB assembly site	NSEB assembly site
Wire material	Au wire	CuPdAu wire
Die attach material	8600	8600
Molding compound material	G700LTD	G700LTD
Lead frame material	EFTEC-64T	EFTEC-64T

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 at NSEB assembly site.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:
April 2017

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.

Time Table Summary:

	December 2016					-->	April 2017				
Workweek	49	50	51	52	53		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:
December 27, 2016: 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_KSRA-08ZQDJ558_Affected CPN.pdf](#)
[PCN_KSRA-08ZQDJ558_Qual Plan.pdf](#)
[PCN_KSRA-08ZQDJ558_Affected CPN.xlsx](#)

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KSRA-08ZQDJ558 - Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected products of 200K wafer technology available in 16L QFN (3x3x0.9mm) package at NSEB assembly site.

Affected Catalog Part Numbers (CPN)

PCN_KSRA-08ZQDJ558
CATALOG_PART_NBR
PIC16F1503-E/MG
PIC16F1503-I/MG
PIC16F1503-I/MG031
PIC16F1503-I/MGC02
PIC16F1503T-E/MG
PIC16F1503T-E/MG033
PIC16F1503T-E/MG035
PIC16F1503T-E/MG039
PIC16F1503T-I/MG
PIC16F1503T-I/MG022
PIC16F1503T-I/MG027
PIC16F1503T-I/MG028
PIC16F1503T-I/MG029
PIC16F1503T-I/MG030
PIC16F1503T-I/MG031
PIC16F1503T-I/MG032
PIC16F1503T-I/MG035
PIC16F1503T-I/MG037
PIC16F1503T-I/MG043
PIC16F1503T-I/MG044
PIC16F1503T-I/MG048
PIC16F1503T-I/MGC02
PIC16LF1503-E/MG
PIC16LF1503-I/MG
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UTC2000T/MG
UTC2000T-E/MG
UTC2000T-I/MG