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Product Change Notification - KSRA-07LZOY150

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Date:

29 May 2018

Product Category:

Digital Potentiometers; 8-bit PIC Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3082 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond in selected products of the 160K wafer technology available in 16L QFN package at NSEB 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 in selected products of the 160K wafer technology available in 16L QFN package at NSEB assembly site

Pre Change:

Using gold (Au) bond wire and EFTEC-64T lead frame material

Post Change:

Using palladium coated copper with gold flash (CuPdAu) bond wire and C194 lead frame material

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	C194

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying CuPdAu bond wire at NSEB assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

June 29, 2018 (date code: 1826)

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

Time Table Summary:

	September 2017					-->	May 2018					June 2018			
	35	36	37	38	39		18	19	20	21	22	23	24	25	26
Workweek															
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:

September 22, 2017: Issued initial notification.

May 29, 2018: Issued final notification. Attached the Qualification Report. Provided estimated first ship date on June 29, 2018.

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-07LZOY150_Qual Report.pdf](#)

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