



## Product Change Notification - KSRA-07LZOY150

**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
<b>Assembly Site</b>	NSEB Assembly Site	NSEB Assembly Site
<b>Wire material</b>	Au Wire	CuPdAu Wire
<b>Die attach material</b>	8600	8600
<b>Molding compound material</b>	G700LTD	G700LTD
<b>Lead frame material</b>	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:**

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

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

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Affected Catalog Part Numbers (CPN)

MCP4231-103E/ML  
MCP4231-104E/ML  
MCP4231-502E/ML  
MCP4231-503E/ML  
MCP4231T-103E/ML  
MCP4231T-104E/ML  
MCP4231T-502E/ML  
MCP4231T-503E/ML  
MCP4241-103E/ML  
MCP4241-104E/ML  
MCP4241-502E/ML  
MCP4241-503E/ML  
MCP4241T-103E/ML  
MCP4241T-104E/ML  
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MCP4661T-104QE/ML

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MCP4661T-503QE/ML  
PIC16F610-E/ML  
PIC16F610-I/ML  
PIC16F610T-E/ML  
PIC16F610T-I/ML  
PIC16F616-E/ML  
PIC16F616-H/ML  
PIC16F616-I/ML  
PIC16F616T-E/ML  
PIC16F616T-E/MLC07  
PIC16F616T-I/ML  
PIC16F616T-I/ML034  
PIC16F616T-I/ML042  
PIC16F616T-I/ML066  
PIC16F636-I/ML  
PIC16F636T-I/ML  
PIC16F636T-I/ML037  
PIC16F684-E/ML  
PIC16F684-I/ML  
PIC16F684T-I/ML  
PIC16F684T-I/ML065  
PIC16F684T-I/ML070  
PIC16F688-E/ML  
PIC16F688-I/ML  
PIC16F688T-I/ML  
PIC16F688T-I/MLAPL  
PIC16F753-E/ML  
PIC16F753-I/ML  
PIC16F753T-I/ML  
PIC16HV610-E/ML  
PIC16HV610-I/ML  
PIC16HV610T-I/ML  
PIC16HV616-E/ML  
PIC16HV616-I/ML  
PIC16HV616T-E/ML  
PIC16HV616T-I/ML  
PIC16HV753-E/ML  
PIC16HV753-I/ML  
PIC16HV753T-I/ML