



## Product Change Notification - KSRA-19MSVX727

**Date:**

24 Apr 2018

**Product Category:**

Memory; Power Management - PWM Controllers; Sigma - Delta A/D Converters; 8-bit PIC Microcontrollers; Digital Potentiometers; System D/A Converters; Instrumentation Amplifier; Battery Management and Fuel Gauges - Battery Chargers; Temperature Sensors

**Affected CPNs:****Notification subject:**

CCB 3073 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond in selected products of the 160K wafer technology available in 8L DFN 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 8L DFN package at NSEB assembly site

**Pre Change:**

Using gold (Au) bond wire, 8200T or 8600 die attach material, G770HCD or G700LTD molding compound material and C194 or EFTEC-64T lead frame material

**Post Change:**

Using palladium coated copper with gold flash (CuPdAu) bond wire 8600 die attach material, G700LTD molding compound material and C194 lead frame material

**Pre and Post Change Summary:**

	Pre Change			Post Change
Assembly Site	UTAC Thai Limited LTD. (NSEB)			UTAC Thai Limited LTD. (NSEB)
Wire material	Au Wire			CuPdAu Wire
Die attach material	8200T	8600	8600	8600
Molding compound material	G770HCD	G700LTD	G700LTD	G700LTD
Lead frame material	C194	C194	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:**

May 24, 2018 (date code: 1821)

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

**Time Table Summary:**

	August 2017					-->	April 2018				May 2018				
Workweek	31	32	33	34	35		14	15	16	17	18	19	20	21	22
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:**

**August 31, 2017:** Issued initial notification with PCN No. [KSRA-200SOQ751](#)

**April 24, 2018:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date on May 24, 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-19MSVX727\\_Qual\\_Report.pdf](#)

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

**Terms and Conditions:**

If you wish to change your product/process change notification (PCN) profile please log on to our website at [microchip.com/PCN](#) sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.



To opt out of future offer or information emails (other than product change notification emails), click here to go to [microchip DIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."

Affected Catalog Part Numbers (CPN)

24AA04-I/MC  
24AA04T-I/MC  
24AA08-I/MC  
24AA08T-I/MC  
24AA16-I/MC  
24AA16T-I/MC  
24AA32AT-I/MC  
24AA64T-I/MC  
24FC64-I/MC  
24FC64T-I/MC  
24LC04B-E/MC  
24LC04B-I/MC  
24LC04BT-E/MC  
24LC04BT-I/MC  
24LC08B-E/MC  
24LC08B-I/MC  
24LC08BT-E/MC  
24LC08BT-I/MC  
24LC16B-E/MC  
24LC16B-I/MC  
24LC16BT-E/MC  
24LC16BT-I/MC  
24LC32AT-E/MC  
24LC32AT-I/MC  
24LC32AT-I/MCA28  
24LC64T-E/MC  
24LC64T-I/MC  
25AA010AT-I/MC  
25AA020AT-I/MC  
25AA040AT-I/MC  
25LC010AT-E/MC  
25LC010AT-I/MC  
25LC020AT-E/MC  
25LC020AT-I/MC  
25LC040AT-E/MC  
25LC040AT-I/MC  
MCP1632-AAE/MC  
MCP1632-BAE/MC  
MCP1632T-AAE/MC  
MCP1632T-BAE/MC  
MCP3422A0-E/MC  
MCP3422A0T-E/MC  
MCP3422A1-E/MC  
MCP3422A1T-E/MC  
MCP3422A2-E/MC  
MCP3422A2T-E/MC  
MCP3422A3-E/MC

MCP3422A4-E/MC  
MCP3422A4T-E/MC  
MCP3422A5-E/MC  
MCP3422A5T-E/MC  
MCP3422A6-E/MC  
MCP3422A6T-E/MC  
MCP3422A7-E/MC  
MCP3422A7T-E/MC  
MCP3426A0-E/MC  
MCP3426A0T-E/MC  
MCP3426A1-E/MC  
MCP3426A1T-E/MC  
MCP3426A2-E/MC  
MCP3426A2T-E/MC  
MCP3426A3-E/MC  
MCP3426A3T-E/MC  
MCP3426A4-E/MC  
MCP3426A4T-E/MC  
MCP3426A5-E/MC  
MCP3426A5T-E/MC  
MCP3426A6-E/MC  
MCP3426A6T-E/MC  
MCP3426A7-E/MC  
MCP3426A7T-E/MC  
MCP4011T-103E/MC  
MCP4011T-202E/MC  
MCP4011T-502E/MC  
MCP4011T-503E/MC  
MCP4021T-103E/MC  
MCP4021T-202E/MC  
MCP4021T-502E/MC  
MCP4021T-503E/MC  
MCP4131-103E/MF  
MCP4131-104E/MF  
MCP4131-502E/MF  
MCP4131-503E/MF  
MCP4131T-103E/MF  
MCP4131T-104E/MF  
MCP4131T-502E/MF  
MCP4131T-503E/MF  
MCP4132-103E/MF  
MCP4132-104E/MF  
MCP4132-502E/MF  
MCP4132-503E/MF  
MCP4132T-103E/MF  
MCP4132T-104E/MF  
MCP4132T-502E/MF  
MCP4132T-503E/MF  
MCP4141-103E/MF

MCP4141-502E/MF  
MCP4141-503E/MF  
MCP4141T-103E/MF  
MCP4141T-104E/MF  
MCP4141T-502E/MF  
MCP4141T-503E/MF  
MCP4142-103E/MF  
MCP4142-104E/MF  
MCP4142-502E/MF  
MCP4142-503E/MF  
MCP4142T-103E/MF  
MCP4142T-104E/MF  
MCP4142T-502E/MF  
MCP4142T-503E/MF  
MCP4151-103E/MF  
MCP4151-104E/MF  
MCP4151-502E/MF  
MCP4151-503E/MF  
MCP4151T-103E/MF  
MCP4151T-104E/MF  
MCP4151T-502E/MF  
MCP4151T-503E/MF  
MCP4152-103E/MF  
MCP4152-104E/MF  
MCP4152-502E/MF  
MCP4152-503E/MF  
MCP4152T-103E/MF  
MCP4152T-104E/MF  
MCP4152T-502E/MF  
MCP4152T-503E/MF  
MCP4161-103E/MF  
MCP4161-104E/MF  
MCP4161-502E/MF  
MCP4161-503E/MF  
MCP4161T-103E/MF  
MCP4161T-104E/MF  
MCP4161T-502E/MF  
MCP4161T-503E/MF  
MCP4162-103E/MF  
MCP4162-104E/MF  
MCP4162-502E/MF  
MCP4162-503E/MF  
MCP4162T-103E/MF  
MCP4162T-104E/MF  
MCP4162T-502E/MF  
MCP4162T-503E/MF  
MCP4531T-103E/MF  
MCP4531T-104E/MF  
MCP4531T-502E/MF

MCP4532T-103E/MF  
MCP4532T-104E/MF  
MCP4532T-502E/MF  
MCP4532T-503E/MF  
MCP4541T-103E/MF  
MCP4541T-104E/MF  
MCP4541T-502E/MF  
MCP4541T-503E/MF  
MCP4542-103PE/MF  
MCP4542T-103E/MF  
MCP4542T-103PE/MF  
MCP4542T-104E/MF  
MCP4542T-502E/MF  
MCP4542T-503E/MF  
MCP4551T-103E/MF  
MCP4551T-104E/MF  
MCP4551T-502E/MF  
MCP4551T-503E/MF  
MCP4552T-103E/MF  
MCP4552T-104E/MF  
MCP4552T-502E/MF  
MCP4552T-503E/MF  
MCP4561T-103E/MF  
MCP4561T-104E/MF  
MCP4561T-502E/MF  
MCP4561T-503E/MF  
MCP4561T-503E/MFOPP  
MCP4562-103PE/MF  
MCP4562T-103E/MF  
MCP4562T-103PE/MF  
MCP4562T-104E/MF  
MCP4562T-104QE/MF  
MCP4562T-502E/MF  
MCP4562T-503E/MF  
MCP4562T-503QE/MF  
MCP4801-E/MC  
MCP4801T-E/MC  
MCP4811-E/MC  
MCP4811T-E/MC  
MCP4821-E/MC  
MCP4821T-E/MC  
MCP4901-E/MC  
MCP4901T-E/MC  
MCP4911-E/MC  
MCP4911T-E/MC  
MCP4921-E/MC  
MCP4921T-E/MC  
MCP6N16-001E/MF  
MCP6N16-010E/MF

MCP6N16T-001E/MF  
MCP6N16T-010E/MF  
MCP6N16T-100E/MF  
MCP73831-2ACI/MC  
MCP73831-2ATI/MC  
MCP73831-2DCI/MC  
MCP73831-3ACI/MC  
MCP73831-4ADI/MC  
MCP73831-5ACI/MC  
MCP73831T-2ACI/MC  
MCP73831T-2ATI/MC  
MCP73831T-2DCI/MC  
MCP73831T-3ACI/MC  
MCP73831T-4ADI/MC  
MCP73831T-5ACI/MC  
MCP73832-2ACI/MC  
MCP73832-2ATI/MC  
MCP73832-2DCI/MC  
MCP73832-3ACI/MC  
MCP73832-4ADI/MC  
MCP73832-5ACI/MC  
MCP73832T-2ACI/MC  
MCP73832T-2ATI/MC  
MCP73832T-2DCI/MC  
MCP73832T-3ACI/MC  
MCP73832T-4ADI/MC  
MCP73832T-5ACI/MC  
MCP9804-E/MC  
MCP9804-E/MCBBB  
MCP9804T-E/MC  
MCP9804T-E/MCBBB  
MCP9805-BE/MC  
MCP9805T-BE/MC  
MCP9808T-E/MC  
MCP98242-BE/MC  
MCP98242-BE/MCBA2  
MCP98242-CE/MC  
MCP98242T-BE/MC  
MCP98242T-BE/MCBA2  
MCP98242T-BE/MCBA3  
MCP98242T-BE/MCBAA  
MCP98242T-BE/MCBAB  
MCP98242T-BE/MCBAC  
MCP98242T-CE/MC  
MCP98243-BE/MC  
MCP98243T-BE/MC  
MCP98243T-BE/MCAA  
MCP98243T-BE/MCAB  
MCP9843-BE/MC



PIC10F200-E/MC  
PIC10F200-I/MC  
PIC10F200T-E/MC  
PIC10F200T-I/MC  
PIC10F202-E/MC  
PIC10F202-I/MC  
PIC10F202T-E/MC  
PIC10F202T-I/MC  
PIC10F204-E/MC  
PIC10F204-I/MC  
PIC10F204T-E/MC  
PIC10F204T-I/MC  
PIC10F206-E/MC  
PIC10F206-I/MC  
PIC10F206T-E/MC  
PIC10F206T-I/MC  
PIC10F220-E/MC  
PIC10F220-I/MC  
PIC10F220T-E/MC  
PIC10F220T-I/MC  
PIC10F222-E/MC  
PIC10F222-I/MC  
PIC10F222T-E/MC  
PIC10F222T-I/MC  
PIC10F222T-I/MC051  
PIC12F508-E/MC  
PIC12F508-I/MC  
PIC12F508-I/MC075  
PIC12F508T-I/MC  
PIC12F508T-I/MC075  
PIC12F509-E/MC  
PIC12F509-I/MC  
PIC12F509T-I/MC  
PIC12F510-E/MC  
PIC12F510-I/MC  
PIC12F510T-E/MC  
PIC12F510T-I/MC  
PIC12F519-E/MC  
PIC12F519-I/MC  
PIC12F519T-E/MC  
PIC12F519T-E/MC046  
PIC12F519T-I/MC  
PIC12F519T-I/MC034  
PIC12F519T-I/MC045  
PIC12F529-I/MC  
PIC12F609-E/MD  
PIC12F609-E/MF  
PIC12F609-I/MD  
PIC12F609-I/MF

PIC12F609T-I/MD  
PIC12F609T-I/MF  
PIC12F615-E/MD  
PIC12F615-E/MF  
PIC12F615-H/MD  
PIC12F615-I/MD  
PIC12F615-I/MF  
PIC12F615T-E/MF  
PIC12F615T-I/MD  
PIC12F615T-I/MD029  
PIC12F615T-I/MF  
PIC12F617-E/MF  
PIC12F617-I/MF  
PIC12F617T-E/MF  
PIC12F617T-E/MF049  
PIC12F617T-E/MF061  
PIC12F617T-E/MF064  
PIC12F617T-I/MF  
PIC12F635-I/MD  
PIC12F635T-I/MD  
PIC12F635T-I/MD070  
PIC12F683-E/MD  
PIC12F683-I/MD  
PIC12F683T-E/MD  
PIC12F683T-I/MD  
PIC12F752-E/MF  
PIC12F752-I/MF  
PIC12F752T-I/MF  
PIC12HV609-E/MD  
PIC12HV609-E/MF  
PIC12HV609-I/MD  
PIC12HV609-I/MF  
PIC12HV609T-E/MF  
PIC12HV609T-I/MD  
PIC12HV609T-I/MF  
PIC12HV615-E/MD  
PIC12HV615-E/MF  
PIC12HV615-I/MD  
PIC12HV615-I/MF  
PIC12HV615T-E/MF  
PIC12HV615T-I/MD  
PIC12HV615T-I/MF  
PIC12HV615T-I/MF026  
PIC12HV615T-I/MF027  
PIC12HV615T-I/MF028  
PIC12HV615T-I/MF030  
PIC12HV752-E/MF  
PIC12HV752-I/MF  
PIC12HV752T-I/MF