

## Product Change Notification - KSRA-28DZLH982

**Date:** 05 Apr 2017

**Product Category:** Capacitive Touch Sensors; USB Bridge; 8-bit PIC Microcontrollers; 16-Bit - Microcontrollers and Digital Signal Controllers

**Notification subject:** CCB 2895 Initial Notice:Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products of the 200K wafer technology available in 20L QFN 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\_CP.N.

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 20L QFN package at NSEB assembly site.

**Pre Change:**

Assembled using gold (Au) bond wire.

**Post Change:**

Assembled using palladium coated copper with gold flash (CuPdAu) bond wire.

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Assembly Site</b>	NSEB	NSEB
<b>Wire material</b>	Au	CuPdAu
<b>Die attach material</b>	8600	8600
<b>Molding compound material</b>	G700LTD	G700LTD
<b>Lead frame material</b>	EFTEC-64T	EFTEC-64T

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying palladium coated copper with gold flash (CuPdAu) bond wire at NSEB assembly site.

**Change Implementation Status:**

In Progress

**Estimated Qualification Completion Date:**

August 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. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

**Time Table Summary:**

	April 2017						-->	August 2017				
Workweek	13	14	15	16	17	18		31	32	33	34	35
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:**  
**April 05, 2017:** 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-28DZLH982\\_Affected CPN.pdf](#)
  - [PCN\\_KSRA-28DZLH982\\_Qual Plan.pdf](#)
  - [PCN\\_KSRA-28DZLH982\\_Affected CPN.xlsx](#)

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

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PCN\_KSRA-28DZLH982 -CCB 2895 Initial Notice: Qualification of CuPdAu bond wire in selected products of the 200K wafer technology available in 20L QFN package at NSEB assembly site.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-28DZLH982</b>
<b>CATALOG_PART_NBR</b>
A010201-I/MQ
A010201-I/MQ
A010201T-I/MQ
AR1100-I/MQ
AR1100T-I/MQ
MCP2200-E/MQ046
MCP2200-I/MQ
MCP2200-I/MQ031
MCP2200-I/MQ046
MCP2200-I/MQRVB
MCP2200T-E/MQ046
MCP2200T-I/MQ
MCP2200T-I/MQ031
MCP2200T-I/MQ046
MCP2200T-I/MQRVB
MCP2210-I/MQ
MCP2210T-I/MQ
MTCH108-I/GZ
MTCH108T-I/GZ
PIC16F1459-E/GZ
PIC16F1459-E/ML
PIC16F1459-I/GZ
PIC16F1459-I/ML
PIC16F1459-I/MLC01
PIC16F1459T-E/GZ
PIC16F1459T-I/GZ
PIC16F1459T-I/ML
PIC16F1459T-I/ML020
PIC16F1459T-I/MLC01
PIC16F1507-E/GZ
PIC16F1507-E/ML
PIC16F1507-I/GZ
PIC16F1507-I/ML
PIC16F1507T-E/GZ
PIC16F1507T-E/ML
PIC16F1507T-I/GZ
PIC16F1507T-I/ML
PIC16F1508-E/GZ
PIC16F1508-E/ML
PIC16F1508-I/GZ
PIC16F1508-I/ML
PIC16F1508T-E/GZ
PIC16F1508T-E/ML

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<b>PCN_KSRA-28DZLH982</b>
<b>CATALOG_PART_NBR</b>
PIC16F1508T-E/ML025
PIC16F1508T-I/GZ
PIC16F1508T-I/ML
PIC16F1508T-I/MLOPP
PIC16F1509-E/GZ
PIC16F1509-E/ML
PIC16F1509-I/GZ
PIC16F1509-I/ML
PIC16F1509T-E/GZ
PIC16F1509T-E/ML
PIC16F1509T-I/GZ
PIC16F1509T-I/ML
PIC16F1578-E/GZ
PIC16F1578-I/GZ
PIC16F1578T-I/GZ
PIC16F1579-E/GZ
PIC16F1579-I/GZ
PIC16F1579T-I/GZ
PIC16F1618-E/GZ
PIC16F1618-E/ML
PIC16F1618-I/GZ
PIC16F1618-I/ML
PIC16F1618T-I/GZ
PIC16F1618T-I/ML
PIC16F1619-E/ML
PIC16F1619-I/ML
PIC16F1619T-I/ML
PIC16F1707-E/ML
PIC16F1707-I/ML
PIC16F1707T-I/ML
PIC16F1708-E/GZ
PIC16F1708-E/ML
PIC16F1708-E/ML028
PIC16F1708-I/GZ
PIC16F1708-I/ML
PIC16F1708T-E/ML
PIC16F1708T-E/ML025
PIC16F1708T-E/ML026
PIC16F1708T-E/ML027
PIC16F1708T-E/ML028
PIC16F1708T-E/ML030
PIC16F1708T-I/GZ
PIC16F1708T-I/ML

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<b>CATALOG_PART_NBR</b>
PIC16F1709-E/ML
PIC16F1709-I/ML
PIC16F1709-I/ML020
PIC16F1709T-E/ML
PIC16F1709T-I/ML
PIC16F1709T-I/ML020
PIC16F1768-E/ML
PIC16F1768-I/ML
PIC16F1768T-E/ML
PIC16F1768T-I/ML
PIC16F1769-E/ML
PIC16F1769-I/ML
PIC16F1769T-E/ML
PIC16F1769T-I/ML
PIC16F1828-E/GZ
PIC16F1828-E/ML
PIC16F1828-E/MLC02
PIC16F1828-I/GZ
PIC16F1828-I/ML
PIC16F1828-I/MLC04
PIC16F1828T-E/GZ
PIC16F1828T-E/ML
PIC16F1828T-I/GZ
PIC16F1828T-I/ML
PIC16F1829-E/GZ
PIC16F1829-E/ML
PIC16F1829-H/ML
PIC16F1829-I/GZ
PIC16F1829-I/ML
PIC16F1829-I/ML030
PIC16F1829-I/ML031
PIC16F1829T-E/GZ
PIC16F1829T-E/ML
PIC16F1829T-H/ML
PIC16F1829T-I/GZ
PIC16F1829T-I/ML
PIC16F1829T-I/ML030
PIC16F1829T-I/ML031
PIC16F720-E/ML
PIC16F720-I/ML
PIC16F720T-I/ML
PIC16F721-E/ML
PIC16F721-I/ML

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<b>CATALOG_PART_NBR</b>
PIC16F721T-E/ML
PIC16F721T-I/ML
PIC16LF1459-E/GZ
PIC16LF1459-E/ML
PIC16LF1459-I/GZ
PIC16LF1459-I/GZC03
PIC16LF1459-I/ML
PIC16LF1459-I/MLC01
PIC16LF1459-I/MLC02
PIC16LF1459-I/MLC03
PIC16LF1459T-E/GZ
PIC16LF1459T-I/GZ
PIC16LF1459T-I/GZC03
PIC16LF1459T-I/ML
PIC16LF1459T-I/MLC01
PIC16LF1459T-I/MLC02
PIC16LF1459T-I/MLC03
PIC16LF1507-E/GZ
PIC16LF1507-E/ML
PIC16LF1507-I/GZ
PIC16LF1507-I/ML
PIC16LF1507T-E/GZ
PIC16LF1507T-I/GZ
PIC16LF1507T-I/ML
PIC16LF1508-E/GZ
PIC16LF1508-E/ML
PIC16LF1508-I/GZ
PIC16LF1508-I/ML
PIC16LF1508T-E/GZ
PIC16LF1508T-I/GZ
PIC16LF1508T-I/ML
PIC16LF1509-E/GZ
PIC16LF1509-E/ML
PIC16LF1509-I/GZ
PIC16LF1509-I/ML
PIC16LF1509T-E/GZ
PIC16LF1509T-I/GZ
PIC16LF1509T-I/ML
PIC16LF1559-E/GZ
PIC16LF1559-E/ML
PIC16LF1559-I/GZ
PIC16LF1559-I/ML
PIC16LF1559T-I/GZ

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<b>CATALOG_PART_NBR</b>
PIC16LF1559T-I/ML
PIC16LF1578-E/GZ
PIC16LF1578-I/GZ
PIC16LF1578T-I/GZ
PIC16LF1579-E/GZ
PIC16LF1579-I/GZ
PIC16LF1579T-I/GZ
PIC16LF1618-E/GZ
PIC16LF1618-E/ML
PIC16LF1618-I/GZ
PIC16LF1618-I/ML
PIC16LF1618T-I/GZ
PIC16LF1618T-I/ML
PIC16LF1619-E/ML
PIC16LF1619-I/ML
PIC16LF1619T-I/ML
PIC16LF1707-E/ML
PIC16LF1707-I/ML
PIC16LF1707T-I/ML
PIC16LF1708-E/GZ
PIC16LF1708-E/ML
PIC16LF1708-I/GZ
PIC16LF1708-I/ML
PIC16LF1708T-I/GZ
PIC16LF1708T-I/ML
PIC16LF1709-E/ML
PIC16LF1709-I/ML
PIC16LF1709T-I/ML
PIC16LF1768-E/ML
PIC16LF1768-I/ML
PIC16LF1768T-I/ML
PIC16LF1769-E/ML
PIC16LF1769-I/ML
PIC16LF1769T-I/ML
PIC16LF1828-E/GZ
PIC16LF1828-E/ML
PIC16LF1828-I/GZ
PIC16LF1828-I/ML
PIC16LF1828T-E/GZ
PIC16LF1828T-I/GZ
PIC16LF1828T-I/ML
PIC16LF1828T-I/ML025
PIC16LF1829-E/GZ

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<b>CATALOG_PART_NBR</b>
PIC16LF1829-E/ML
PIC16LF1829-I/GZ
PIC16LF1829-I/ML
PIC16LF1829T-E/GZ
PIC16LF1829T-I/GZ
PIC16LF1829T-I/ML
PIC16LF720-E/ML
PIC16LF720-I/ML
PIC16LF720T-I/ML
PIC16LF721-E/ML
PIC16LF721-I/ML
PIC16LF721T-I/ML
PIC16LF721T-I/ML022
PIC16LF721T-I/ML024
PIC16LF721T-I/ML025
PIC16LF721T-I/ML028
PIC16LF721T-I/ML030
PIC18F13K22-E/ML
PIC18F13K22-E/MLC01
PIC18F13K22-I/ML
PIC18F13K22T-I/ML
PIC18F13K22T-I/ML020
PIC18F13K50-I/MQ
PIC18F13K50T-I/MQ
PIC18F14K22-E/ML
PIC18F14K22-I/ML
PIC18F14K22T-E/ML
PIC18F14K22T-I/ML
PIC18F14K50-/MQ048
PIC18F14K50-E/MQ
PIC18F14K50-I/MQ
PIC18F14K50T-I/MQ
PIC18F14K50T-I/MQ029
PIC18F14K50T-I/MQ039
PIC18F14K50T-I/MQ044
PIC18F14K50T-I/MQ045
PIC18F14K50T-I/MQ047
PIC18F14K50T-I/MQ048
PIC18LF13K22-E/ML
PIC18LF13K22-I/ML
PIC18LF13K22T-I/ML
PIC18LF13K50-I/MQ
PIC18LF13K50T-I/MQ



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<b>CATALOG_PART_NBR</b>
PIC18LF14K22-E/ML
PIC18LF14K22-I/ML
PIC18LF14K22T-E/ML
PIC18LF14K22T-E/ML021
PIC18LF14K22T-I/ML
PIC18LF14K50-I/MQ
PIC18LF14K50T-I/MQ
PIC24F04KA201-I/MQ
PIC24F04KA201T-I/MQ
PIC24F04KL101-E/MQ
PIC24F04KL101-I/MQ
PIC24F04KL101T-I/MQ
PIC24F08KA101-E/MQ
PIC24F08KA101-I/MQ
PIC24F08KA101T-E/MQ
PIC24F08KA101T-I/MQ
PIC24F08KA101T-I/MQC02
PIC24F08KL201-E/MQ
PIC24F08KL201-I/MQ
PIC24F08KL201T-I/MQ
PIC24F08KL301-E/MQ
PIC24F08KL301-I/MQ
PIC24F08KL301T-I/MQ
PIC24F08KL301T-I/MQ020
PIC24F08KL401-E/MQ
PIC24F08KL401-I/MQ
PIC24F16KA101-E/MQ
PIC24F16KA101-I/MQ
PIC24F16KA101T-E/MQ
PIC24F16KA101T-I/MQ
PIC24F16KA101T-I/MQC04
PIC24F16KL401-E/MQ
PIC24F16KL401-I/MQ
PIC24F16KL401T-I/MQ