

## Product Change Notification - KSRA-01PIZX948

**Date:** 13 Mar 2018  
**Product Category:** 8-bit PIC Microcontrollers  
**Notification subject:** CCB 3166.002 Final Notice: Qualification of MMT as new assembly site for selected Atmel products available in 28L PDIP package using gold (Au) bond wire  
**Notification text:** **PCN Status:**  
Final notification

**PCN Type:**  
Manufacturing Change

**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 MMT as an additional assembly site for selected Atmel products available in 28L PDIP package

**Pre Change:**

Assembled at LPI Assembly site using palladium coated copper wire with gold flash (CuPdAu) or gold (Au) bond wire, CRM-1033BF die attach material, and G600 molding compound material.

**Post Change:**

Assembled at MMT Assembly site using gold (Au) bond wire, CRM-1064L die attach material, and GE800 molding compound material

**Pre and Post Change Summary:**

	Pre Change		Post Change
<b>Assembly Site</b>	Lingsen Precision Industries, LTD. / LPI		Microchip Technology Thailand  (Branch) / MMT
<b>Wire material</b>	CuPdAu	Au	Au
<b>Die attach material</b>	CRM-1033BF		CRM-1064L
<b>Molding compound material</b>	G600		GE800
<b>Lead frame material</b>	C194		C194

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying MMT assembly site using gold (Au) bond wire.

**Change Implementation Status:**  
In Progress

**Estimated First Ship Date:**  
April 13, 2018 (date code: 1815)

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

**Time Table Summary:**

	March 2018					April 2018				
Workweek	09	10	11	12	13	14	15	16	17	18
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:**  
**March 13, 2018:** Issued final notification. This PCN is qualified by similarity (QBS) to PCN # [KSRA-23FDQF538](#).

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-01PIZX948\\_Affected\\_CPN.pdf](#)  
[PCN\\_KSRA-01PIZX948\\_Qual\\_Report.pdf](#)  
[PCN\\_KSRA-01PIZX948\\_Affected\\_CPN.xlsx](#)

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Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01PIZX948</b>
<b>CATALOG_PART_NBR</b>
AT89LP428-20PU
AT89LP828-20PU
ATMEGA168-20PU
ATMEGA168A-PU
ATMEGA168P-20PU
ATMEGA168PA-PN
ATMEGA168PA-PU
ATMEGA168PV-10PU
ATMEGA168V-10PU
ATMEGA328P-PN
ATMEGA328P-PU
ATMEGA328-PU
ATMEGA48-20PU
ATMEGA48A-PU
ATMEGA48P-20PU
ATMEGA48PA-PN
ATMEGA48PA-PU
ATMEGA48PV-10PU
ATMEGA48PV-10PUA2
ATMEGA48V-10PU
ATMEGA8-16PU
ATMEGA8-16PUA4
ATMEGA88-20PU
ATMEGA88-20PUA2
ATMEGA88A-PU
ATMEGA88P-20PU
ATMEGA88PA-PN
ATMEGA88PA-PU
ATMEGA88PV-10PU
ATMEGA88V-10PU
ATMEGA8A-PN
ATMEGA8A-PU
ATMEGA8L-8PU
ATMEGA8L-8PU096
ATTINY28L-4PU
ATTINY28V-1PU
ATTINY48-PU
ATTINY88-PU