

## Product Change Notification - KSRA-05VVCD269

**Date:** 30 Jan 2018  
**Product Category:** 8-bit PIC Microcontrollers  
**Notification subject:** CCB 2995 Final Notice: Qualification of UMC5 as an additional fabrication site for Atmel ATMEGA328PB device families manufactured with the 59.91K process technology.

**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 UMC5 as an additional fabrication site for Atmel ATMEGA328PB device families manufactured with the 59.91K process technology.

**Pre Change:**

Fabricated at TPS5 fabrication site

**Post Change:**

Fabricated at TPS5 and UMC5 fabrication sites

**Pre and Post Change Summary:**

	Pre Change	Post Change	
<b>Fab Site</b>	TowerJazz Panasonic (TPS5)	TowerJazz Panasonic (TPS5)	United Microelectronics Corporation (UMC5)
<b>Wafer Size</b>	8 inch	8 inch	8 inch
<b>Quality Certification</b>	ISO/TS16949	ISO/TS16949	ISO/TS16949
<b>Design/Layout</b>	No Change	No Change	No Change
<b>Die Size</b>	No Change	No Change	No Change

**Impacts to Data Sheet:**  
None

**Change Impact:**  
None

**Reason for Change:**  
To improve on time delivery performance by qualifying UMC5 as an additional fabrication site.

**Change Implementation Status:**  
In progress

**Estimated First Ship Date:**  
March 02, 2018 (date code: 1809)

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					->	January 2018					->	March 2018				
	35	36	37	38	39		01	02	03	04	05		09	10	11	12	13
Initial PCN Issue Date		X															
Qualification 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 06, 2017:** Issued initial notification.  
**January 22, 2018:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on March 02, 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-05VVCD269\\_Affected CPN.pdf](#)
  - [PCN\\_KSRA-05VVCD269\\_Qual Report.pdf](#)
  - [PCN\\_KSRA-05VVCD269\\_Affected CPN.xls](#)

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 <http://www.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 [microchipDIRECT](#) 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."

KSRA-05VVCD269- CCB 2995 Final Notice: Qualification of UMC5 as an additional fabrication site for Atmel ATMEGA328PB device families manufactured with the 59.91K process technology.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-05VVCD269</b>
<b>Catalog Part Numbers</b>
ATMEGA328PB-AN
ATMEGA328PB-ANR
ATMEGA328PB-AU
ATMEGA328PB-AUR
ATMEGA328PB-MN
ATMEGA328PB-MNR
ATMEGA328PB-MU
ATMEGA328PB-MUR