

Product Change Notification - KSRA-05VVCD269

Date: 06 Sep 2017
Product Category: 8-bit PIC Microcontrollers
Notification subject: CCB 2995 Initial Notice: Qualification of UMC5 Fabrication site for Atmel ATMEGA328PB device family manufactured with the 59.91K process technology.
Notification text: **PCN Status:**
 Initial notification

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 Fabrication site for Atmel ATMEGA328PB device family 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	
		TPS5	UMC5
Fab Site	TPS5	TPS5	UMC5
Wafer Size	8 inch wafers	8 inch wafers	8 inch wafers
Quality Certification	ISO/TS16949	ISO/TS16949	ISO/TS16949
Design/Layout	No Change	No Change	No Change
Die Size	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 Qualification Completion Date:

October 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:

Workweek	September 2017					October 2017				
	35	36	37	38	39	40	41	42	43	44
Initial PCN Issue Date		X								
Qualification 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:

September 06, 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-05VVCD269_Affected CPN.pdf](#)
- [PCN_KSRA-05VVCD269_Qual Plan.pdf](#)
- [PCN_KSRA-05VVCD269_Affected CPN.xlsx](#)

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

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Affected Catalog Part Numbers (CPN)

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