

Product Change Notification - SYST-01KZPN918

Date:	08 Jun 2017
Product Category:	8-bit PIC Microcontrollers
Affected CPNs:	 
Notification subject:	Data Sheet - ATmega328PB - Complete Datasheet
Notification text:	SYST-01KZPN918

Microchip has released a new DeviceDoc for the ATmega328PB - Complete Datasheet of devices. If you are using one of these devices please read the document located at [ATmega328PB - Complete Datasheet](#).

Notification Status: Final

Description of Change:

- 1) New Microchip document number 40001906A. Previous version was Atmel document 42397 rev.C.
- 2) Updated the color of PB3, PB4 and PB5 in the Pin Configurations, Temperature Measurement, CFD - Clock Failure Detection mechanism, offset for SPL and SPH, description of GTCCR and TWBR, PTC Features and Table 32-5
- 3) Removed all notes that are referring to production testing on Electrical Characteristics
- 4) Updated the Low Power Crystal Oscillator, Power-on Reset Threshold Voltage (rising) and (falling) in the Table 33-6, simple Assembly Code Example for a Boot Loader, Updated the Power Consumption, Add Signature Row Summary – SIGROW, Figure 22-2 and bits in ADCSRB

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 08 June 2017

NOTE: Please be advised that this is a change to the document only the product has not been changed.

Markings to Distinguish Revised from Unrevised Devices: N/A

Attachment(s): [ATmega328PB - Complete Datasheet](#)

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

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Affected Catalog Part Numbers (CPN)

ATMEGA328PB-AU
ATMEGA328PB-AUR
ATMEGA328PB-MUR
ATMEGA328PB-MU
ATMEGA328PB-AN
ATMEGA328PB-ANR
ATMEGA328PB-MN
ATMEGA328PB-MNR