



## Product Change Notification - SYST-10HQVQ416

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**Date:**

12 Dec 2018

**Product Category:**

8-bit Microcontrollers

**Affected CPNs:**



**Notification subject:**

Data Sheet - ATmega164P/V/324P/V/644P/V - Complete Datasheet

**Notification text:**

SYST-10HQVQ416

Microchip has released a new DeviceDoc for the ATmega164P/V - Complete Datasheet of devices. If you are using one of these devices please read the document located at [ATmega164P/V - Complete Datasheet](#).

**Notification Status:** Final

**Description of Change:** 1) Updated the data sheet to Microchip style. 2) New Microchip document number. Previous version was Atmel data sheet rev. 8011R.

**Impacts to Data Sheet:** None

**Reason for Change:** To Improve Manufacturability

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 01 Oct 2018

**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):**

[ATmega164P/V - Complete Datasheet](#)

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

**Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATMEGA164P-20AQ  
ATMEGA164P-20AQRA1  
ATMEGA164P-20AU  
ATMEGA164P-20AUA0  
ATMEGA164P-20AUR  
ATMEGA164P-20MQ  
ATMEGA164P-20MU  
ATMEGA164P-20MUR  
ATMEGA164P-20PQ  
ATMEGA164P-20PU  
ATMEGA164P-B15AZ  
ATMEGA164P-B15MZ  
ATMEGA164PV-10AQ  
ATMEGA164PV-10AU  
ATMEGA164PV-10AUA0  
ATMEGA164PV-10AUR  
ATMEGA164PV-10MU  
ATMEGA164PV-10MUA0  
ATMEGA164PV-10MUR  
ATMEGA164PV-10PQ  
ATMEGA164PV-10PU  
ATMEGA324P-20AQ  
ATMEGA324P-20AQR  
ATMEGA324P-20AU  
ATMEGA324P-20AUR  
ATMEGA324P-20AURA0  
ATMEGA324P-20MQ  
ATMEGA324P-20MQR  
ATMEGA324P-20MU  
ATMEGA324P-20MUR  
ATMEGA324P-20PU  
ATMEGA324P-A15MZ  
ATMEGA324P-B15AZ  
ATMEGA324P-B15MZ  
ATMEGA324PV-10AU  
ATMEGA324PV-10AUR  
ATMEGA324PV-10MU  
ATMEGA324PV-10MUA1  
ATMEGA324PV-10MUR  
ATMEGA324PV-10PU  
ATMEGA644P-20AQ  
ATMEGA644P-20AQR  
ATMEGA644P-20AU  
ATMEGA644P-20AUR  
ATMEGA644P-20MQ  
ATMEGA644P-20MQR

ATMEGA644P-20MU  
ATMEGA644P-20MUR  
ATMEGA644P-20PQ  
ATMEGA644P-20PU  
ATMEGA644P-A15AZ  
ATMEGA644P-A15MZ  
ATMEGA644PV-10AQ  
ATMEGA644PV-10AQR  
ATMEGA644PV-10AU  
ATMEGA644PV-10AUR  
ATMEGA644PV-10MQ  
ATMEGA644PV-10MQR  
ATMEGA644PV-10MU  
ATMEGA644PV-10MUR  
ATMEGA644PV-10PQ  
ATMEGA644PV-10PU