



Product Change Notification - SYST-17VZDW352

Date:

20 Jan 2020

Product Category:

8-bit Microcontrollers

Affected CPNs:**Notification subject:**

ERRATA - ATmega164A/PA/324A/PA/644A/PA/1284/P Silicon Errata and Data Sheet Clarification

Notification text:

SYST-17VZDW352

Microchip has released a new Product Documents for the ATmega164A/PA/324A/PA/644A/PA/1284/P Silicon Errata and Data Sheet Clarification of devices. If you are using one of these devices please read the document located at

[ATmega164A/PA/324A/PA/644A/PA/1284/P Silicon Errata and Data Sheet Clarification](#).

Notification Status: Final

Description of Change: 1) Initial release of this document. 2) Content moved from the data sheet and restructured to the new document template. 3) Updated the die revision list to reflect die revisions in production.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 20 Jan 2020

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):

[ATmega164A/PA/324A/PA/644A/PA/1284/P Silicon Errata and Data Sheet Clarification](#)

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

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Affected Catalog Part Numbers (CPN)

ATMEGA1284-AU
ATMEGA1284-AUR
ATMEGA1284-MU
ATMEGA1284-MUR
ATMEGA1284-PU
ATMEGA1284P-AU
ATMEGA1284P-AUR
ATMEGA1284P-MU
ATMEGA1284P-MUR
ATMEGA1284P-PU
ATMEGA164A-AU
ATMEGA164A-AUA2
ATMEGA164A-AUR
ATMEGA164A-AURA2
ATMEGA164A-CU
ATMEGA164A-CUR
ATMEGA164A-MCH
ATMEGA164A-MCHR
ATMEGA164A-MU
ATMEGA164A-MUR
ATMEGA164A-PU
ATMEGA164PA-AN
ATMEGA164PA-ANR
ATMEGA164PA-AU
ATMEGA164PA-AUR
ATMEGA164PA-CU
ATMEGA164PA-CUR
ATMEGA164PA-MCH
ATMEGA164PA-MCHR
ATMEGA164PA-MN
ATMEGA164PA-MNR
ATMEGA164PA-MU
ATMEGA164PA-MUR
ATMEGA164PA-PU
ATMEGA324A-AU
ATMEGA324A-AUR
ATMEGA324A-AURA3
ATMEGA324A-CU
ATMEGA324A-MCH
ATMEGA324A-MU
ATMEGA324A-MUR
ATMEGA324A-PU
ATMEGA324PA-AN
ATMEGA324PA-ANR
ATMEGA324PA-AU
ATMEGA324PA-AUA1

ATMEGA324PA-AUR
ATMEGA324PA-CU
ATMEGA324PA-MCH
ATMEGA324PA-MCHR
ATMEGA324PA-MN
ATMEGA324PA-MNR
ATMEGA324PA-MU
ATMEGA324PA-MUR
ATMEGA324PA-MURA2
ATMEGA324PA-PN
ATMEGA324PA-PU
ATMEGA644A-AU
ATMEGA644A-AUR
ATMEGA644A-MU
ATMEGA644A-MUR
ATMEGA644A-PU
ATMEGA644PA-AN
ATMEGA644PA-ANR
ATMEGA644PA-AU
ATMEGA644PA-AUR
ATMEGA644PA-MN
ATMEGA644PA-MNR
ATMEGA644PA-MU
ATMEGA644PA-MUR
ATMEGA644PA-PU



ATmega164A/PA/324A/PA/ 644A/PA/1284/P

ATmega164A/PA/324A/PA/644A/PA/1284/P Silicon Errata and Data Sheet Clarification

Introduction

The ATmega164A/PA/324A/PA/644A/PA/1284/P devices you have received conform functionally to the current device data sheet (<http://www.microchip.com/DS40002070>), except for the anomalies described in this document. The errata described in this document will likely be addressed in future revisions of the ATmega164A/PA/324A/PA/644A/PA/1284/P devices.

Note:

- This document summarizes all the silicon errata issues from all revisions of silicon, previous, as well as current.

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1. Silicon Issue Summary

- Erratum is not applicable.
- X** Erratum is applicable.
- * This silicon revision was never released to production.

Peripheral	Short Description	Valid for Silicon Revision								
		ATmega164A/PA		ATmega324A/PA			ATmega644A/PA		ATmega1284/P	
		Rev. A-D	Rev. E	Rev. A-E	Rev. F	Rev. G	Rev. A-E	Rev. F	Rev. A	Rev. B
Device		*	-	*	-	-	*	-	*	-

2. Silicon Errata Issues

2.1 None

There are no known errata as of this publication date.

3. Data Sheet Clarifications

The following typographic corrections and clarifications are to be noted for the latest version of the device data sheet (<http://www.microchip.com/DS40002070>).

Note: Corrections are shown in **bold**. Where possible, the original bold text formatting has been removed for clarity.

3.1 None

There are no known data sheet clarifications as of this publication date.

4. Document Revision History

Note: The data sheet clarification document revision is independent of the die revision and the device variant (last letter of the ordering number).

4.1 Revision History

Doc Rev.	Date	Comments
A	01/2020	Initial release of this document. <ul style="list-style-type: none">• Content moved from the data sheet and restructured to the new document template• Updated the die revision list to reflect die revisions in production

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- Technical Support

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