



Product Change Notification / SYST-29MWJD434

Date:

03-Nov-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

ERRATA - AT32UC3A Family Silicon Errata and Data Sheet Clarification Errata Document Revision

Affected CPNs:

[SYST-29MWJD434_Affected_CPN_11032021.pdf](#)

[SYST-29MWJD434_Affected_CPN_11032021.csv](#)

Notification Text:

SYST-29MWJD434

Microchip has released a new Product Documents for the AT32UC3A Family Silicon Errata and Data Sheet Clarification of devices. If you are using one of these devices please read the document located at [AT32UC3A Family Silicon Errata and Data Sheet Clarification](#)

Notification Status: Final

Description of Change: This is the initial released version of this document, which is specific to Revision M silicon.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 03 Nov 2021

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

Attachments:

[AT32UC3A Family 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)

AT32UC3A0128-ALUR
AT32UC3A0128-ALUT
AT32UC3A0128-CTUR
AT32UC3A0128-CTUT
AT32UC3A0256-ALUR
AT32UC3A0256-ALUT
AT32UC3A0256-CTUR
AT32UC3A0256-CTUT
AT32UC3A0256-DDW
AT32UC3A0512-ALTRA
AT32UC3A0512-ALTTA
AT32UC3A0512-ALUR
AT32UC3A0512-ALUT
AT32UC3A0512-CTUR
AT32UC3A0512-CTUT
AT32UC3A0512-CTUTN01
AT32UC3A0512-DDW
AT32UC3A1128-AUR
AT32UC3A1128-AUT
AT32UC3A1256-AUR
AT32UC3A1256-AUT
AT32UC3A1512-AUR
AT32UC3A1512-AUT
AT32UC3A3-XPLD
AT32UC3A3128-ALUR
AT32UC3A3128-ALUT
AT32UC3A3128-CTUR
AT32UC3A3128-CTUT
AT32UC3A3128S-ALUR
AT32UC3A3128S-ALUT
AT32UC3A3128S-CTUR
AT32UC3A3128S-CTUT
AT32UC3A3256-ALUR
AT32UC3A3256-ALUT
AT32UC3A3256-ALUTA1
AT32UC3A3256-CTUR
AT32UC3A3256-CTURA1
AT32UC3A3256-CTUT
AT32UC3A3256-CTUTA1
AT32UC3A3256AU-ALUTA1
AT32UC3A3256J-CTUR
AT32UC3A3256S-ALUR
AT32UC3A3256S-ALUT
AT32UC3A3256S-CTUR
AT32UC3A3256S-CTUT
AT32UC3A3256S-CTUTA1

AT32UC3A3256S-D
AT32UC3A364-ALUR
AT32UC3A364-ALUT
AT32UC3A364-CTUR
AT32UC3A364-CTUT
AT32UC3A364S-ALUR
AT32UC3A364S-ALUT
AT32UC3A364S-CTUR
AT32UC3A364S-CTUT
AT32UC3A4128-CIUR
AT32UC3A4128-CIUT
AT32UC3A4128S-CIUR
AT32UC3A4128S-CIURA1
AT32UC3A4128S-CIUT
AT32UC3A4128S-CIUTA1
AT32UC3A4256-CIUR
AT32UC3A4256-CIUT
AT32UC3A4256HHB-CIUR
AT32UC3A4256J-CIUR
AT32UC3A4256S-CIUR
AT32UC3A4256S-CIURA1
AT32UC3A4256S-CIUT
AT32UC3A4256S-CIUTA1
AT32UC3A464-CIUR
AT32UC3A464-CIUT
AT32UC3A464S-CIUR
AT32UC3A464S-CIUT

AT32UC3A Family Silicon Errata and Data Sheet Clarification

The AT32UC3A family of devices that you have received conform functionally to the current device data sheet (Atmel Literature No. 32058K) and summary data sheet (Atmel Literature No. 32058KS).

Data Sheet Clarifications

There are no new data sheet clarifications to report at this time.

Silicon Errata Issues

Refer to the current device data sheet (Atmel Literature No. 32058K) and summary data sheet (Atmel Literature No. 32058KS) for all previous silicon errata issues. All new issues are listed as follows.

1. Module: QPR Software

QPR Software is a test feature and should not be used for production.

Currently chip erase and page erase are verified in production with a normal Flash read.

Work around

To confirm chip erase and page erase are functional, perform a normal read-verify operation.

Affected Silicon Revisions

E	F	G	H	I	J	K	L	M
X	X	X	X	X	X	X	X	X

AT32UC3A

APPENDIX A: REVISION HISTORY

Revision A Document (10/2021)

This is the initial released version of this document, which is specific to Revision M silicon.

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