



Product Change Notification / SYST-03FUOC183

Date:

12-Jul-2021

Product Category:

8-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

ERRATA - ATtiny13A Silicon Errata and Data Sheet Clarification

Affected CPNs:

[SYST-03FUOC183_Affected_CPN_07122021.pdf](#)

[SYST-03FUOC183_Affected_CPN_07122021.csv](#)

Notification Text:

SYST-03FUOC183

Microchip has released a new Product Documents for the ATtiny13A Silicon Errata and Data Sheet Clarification of devices. If you are using one of these devices please read the document located at [ATtiny13A Silicon Errata and Data Sheet Clarification](#).

Notification Status: Final

Description of Change: Initial release

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 12 July 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:

[ATtiny13A 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)

ATTINY13A-MMF
ATTINY13A-MMFR
ATTINY13A-MMU
ATTINY13A-MMUR
ATTINY13A-MU
ATTINY13A-MUR
ATTINY13A-PU
ATTINY13A-SF
ATTINY13A-SFR
ATTINY13A-SH
ATTINY13A-SHR
ATTINY13A-SN
ATTINY13A-SNR
ATTINY13A-SS7
ATTINY13A-SS7R
ATTINY13A-SSH
ATTINY13A-SSHR
ATTINY13A-SSU
ATTINY13A-SSUR
ATTINY13A-SU
ATTINY13A-SUR
ATTINY13A-SURA4



ATtiny13A

ATtiny13A Silicon Errata and Data Sheet Clarification

Introduction

The ATtiny13A devices you have received conform functionally to the current device data sheet (www.microchip.com/DS40002307), except for the anomalies described in this document. The errata described in this document will likely be addressed in future revisions of the ATtiny13A devices.

Note:

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

1. Silicon Issue Summary

Legend

- Erratum is not applicable.
- X Erratum is applicable.

Peripheral	Short Description	Valid for Silicon Revision		
		Rev. G(1)	Rev. H	Rev. I
Memories	2.2.1 EEPROM Can Not Be Written Below 1.9V	X	X	X

Note:

1. This revision is the initial release of the silicon.

2. Silicon Errata Issues

2.1 Errata Details

- Erratum is not applicable.
- X Erratum is applicable.

2.2 Memories

2.2.1 EEPROM Can Not Be Written Below 1.9V

Writing the EEPROM at V_{CC} below 1.9V might fail.

Work around

Do not write the EEPROM when V_{CC} is below 1.9V.

Affected Silicon Revisions

Rev. G	Rev. H	Rev. I
X	X	X

3. Data Sheet Clarifications

The following typographic corrections and clarifications are to be noted for the latest version of the device data sheet (www.microchip.com/DS40002307).

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 document revision is independent of the silicon revision.

4.1 Revision History

Doc Rev.	Date	Comments
A	03/2021	Initial document release.

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ISBN: 978-1-5224-7615-3

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