



Product Change Notification - SYST-04FWAX704

Date:

05 Jul 2019

Product Category:

8-bit Microcontrollers

Affected CPNs:**Notification subject:**

Data Sheet - ATtiny406 Data Sheet

Notification text:

SYST-04FWAX704

Microchip has released a new DeviceDoc for the ATtiny406 Data Sheet of devices. If you are using one of these devices please read the document located at [ATtiny406 Data Sheet](#).

Notification Status: Final**Description of Change:**

1. Document section: Editorial updates
2. Device section:
 - a. Introduction:
 - Added a note for automotive data sheets
 - Changed text to align with all tinyAVR[®] 0- and 1-series data sheets
 - b. Retention endurance numbers updated
 - c. Data Sheet Clarification Document chapter added
 - d. Ordering Information moved
 - e. I/O Multiplexing and Considerations updated.
3. Configuration and User Fuses section: RSTPINCFG: Time-out after a system reset when fused to be GPIO explained.
4. BOD - Brown-out Detector section: Removed levels not characterized by minimum and maximum values and Added a note for typical values and reference to electrical characteristics.
5. TCA section: Added a note for alternative WOn pins
6. USART section: Clarified One-Wire mode, clarified text about Disabling the Transmitter and Reverted 32±6 to 16±3 baud samples in RXMODE bits in CTRLB
7. SPI section: Clarified functionality for SPI SS pin
8. CRCSCAN section: Added a missing MODE bit field
9. UPDI section: GPIO functionality disabled for a period after a system reset, changed from ms to clock cycles
10. Electrical Characteristics section: Added a note for Chip Erase in General Operating Ratings
11. Errata section: Errata moved to ATtiny406 Silicon Errata and Data Sheet Clarification Document
12. Ordering Information section: Updated with product page links and ordering codes
13. Product Identification System section: Updated with Tube and Tray packing media
14. Package Drawings section: Updated package drawings to Microchip standard

Impacts to Data Sheet: None**Reason for Change:** To Improve Manufacturability**Change Implementation Status:** Complete**Date Document Changes Effective:** 5 Jul 2019

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):

[ATtiny406 Data Sheet](#)

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

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Affected Catalog Part Numbers (CPN)

ATTINY406-MFR

ATTINY406-MNR

ATTINY406-SF

ATTINY406-SFR

ATTINY406-SN

ATTINY406-SNR