

Product Change Notification - SYST-04LRXG431

Date:

05 Jul 2019

Product Category:

8-bit Microcontrollers

Affected CPNs:**Notification subject:**

Data Sheet - ATtiny807/1607 Data Sheet Document Revision

Notification text:

SYST-04LRXG431

Microchip has released a new DeviceDoc for the ATtiny807/1607 Data Sheet of devices. If you are using one of these devices please read the document located at [ATtiny807/1607 Data Sheet](#).

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

- 1) Document: Editorial updates.
- 2) Device:
 - (a) Introduction:
 - Added a note for automotive data sheets
 - Changed text to align with all tinyAVR(R) 0- and 1-series data sheets
 - (b) Retention endurance numbers added
 - (c) Data Sheet Clarification Document chapter added
 - (d) Ordering Information moved
 - (e) I/O Multiplexing and Considerations updated
 - (f) Reset Pin Selection table removed
- 3) Memories: Unsupported AUX rows from overview tables removed
- 4) Configuration and User Fuses: RSTPINCFG: Time-out after a system reset when fused to be GPIO explained
- 5) BOD - Brown-out Detector:
 - (a) Removed levels not characterized by minimum and maximum values
 - (b) Added a note for typical values and reference to electrical characteristics
- 6) TCA: Added a note for alternative WOn pins
- 7) USART:
 - (a) Clarified One-Wire mode
 - (b) Clarified text about Disabling the Transmitter
 - (c) Reverted 32+/-6 to 16+/-3 baud samples in RXMODE bits in CTRLB
- 8) SPI: Clarified functionality for SPI SS pin
- 9) CRCSCAN: Added a missing MODE bit field
- 10) UPDI: GPIO functionality disabled for a period after a system reset, changed from ms to clock cycles
- 11) Electrical Characteristics: Added a note for Chip Erase in General Operating Ratings
- 12) Errata: Errata moved to ATtiny807/1607 Silicon Errata and Data Sheet Clarification Document
- 13) Ordering Information: Updated with product page links and ordering codes
- 14) Product Identification System: Updated with Tube and Tray packing media
- 15) Package Drawings: 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: 05 July 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):

[ATtiny807/1607 Data Sheet](#)

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)

ATTINY1607-MF

ATTINY1607-MFR

ATTINY1607-MN

ATTINY1607-MNR

ATTINY807-MF

ATTINY807-MFR

ATTINY807-MN

ATTINY807-MNR