



## Product Change Notification - SYST-04BCKD834

---

**Date:**

05 Jul 2019

**Product Category:**

8-bit Microcontrollers

**Affected CPNs:****Notification subject:**

Data Sheet - ATtiny417/817 Data Sheet

**Notification text:**

SYST-04BCKD834

Microchip has released a new DeviceDoc for the ATtiny417/817 Data Sheet of devices. If you are using one of these devices please read the document located at [ATtiny417/817 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: Removed unsupported BACKGROUND and CONTINUOUS scan functionality
9. ADC - Analog-to-Digital Converter section: Added missing calibration register
10. UPDI section: Added a warning for ESD protection and GPIO functionality disabled for a period after a system reset, changed from ms to clock cycles
11. Electrical Characteristics section: Added a note for Chip Erase in General Operating Ratings, Added Electrical Characteristics for PTC and Corrected the description for some symbols in the I/O Pin Characteristics table
12. Errata section: Errata moved to ATtiny417/817 Silicon Errata and Data Sheet Clarification Document
13. Ordering Information section: Updated with product page links and ordering codes
14. Product Identification System section: Updated with Tube and Tray packing media
15. 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):**

[ATtiny417/817 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)

ATTINY417-MF  
ATTINY417-MFR  
ATTINY417-MN  
ATTINY417-MNR  
ATTINY817-MF  
ATTINY817-MFR  
ATTINY817-MN  
ATTINY817-MNR  
ATTINY817-QTMOISTD  
ATTINY817-XMINI  
ATTINY817-XPRO