# Product Change Notification - SYST-04OBUV515

**Date:**

05 Jul 2019

**Product Category:**

8-bit Microcontrollers

**Affected CPNs:**

**Notification subject:**

Data Sheet - ATtiny1614 Data Sheet Document Revision

**Notification text:**

SYST-04OBUV515

Microchip has released a new DeviceDoc for the ATtiny1614 Data Sheet of devices. If you are using one of these devices please read the document located at ATtiny1614 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 updated

(c) Data Sheet Clarification Document chapter added

(d) Ordering Information moved

(e) I/O Multiplexing and Considerations updated

3) Configuration and User Fuses:

(a) CRCAPPDIS and CRCBOOTDIS replaced by CRCSRC

(b) Removed unsupported TOUTDIS bit

(c) RSTPINCFG: Time-out after a system reset when fused to be GPIO explained

4) PORTMUX:

(a) Updated with missing information

(b) Removed unsupported functionality

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) VREF - Voltage Reference: Missing CTRLC and CTRLD registers added

7) TCA: Added a note for alternative WOn pins

8) 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

9) SPI: Clarified functionality for SPI SS pin

10) CRCSCAN: Added a missing MODE bit field

11) CCL: Removed reference to interrupts

12) AC - Analog Comparator: Corrected the number of positive and negative inputs

13) UPDI: GPIO functionality disabled for a period after a system reset, changed from ms to clock cycles

14) Electrical Characteristics:

(a) Added a note for Chip Erase in General Operating Ratings

(b) Corrected the number of PTC channels

15) Errata: Errata moved to ATtiny1614 Silicon Errata and Data Sheet Clarification Document

16) Ordering Information: Updated with product page links and ordering codes

17) Product Identification System: Updated with Tube and Tray packing media

18) 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):**
ATtiny1614 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)

ATTINY1614-SSF
ATTINY1614-SSFR
ATTINY1614-SSN
ATTINY1614-SSNR