MICROCHIP

Product Change Notification - SYST-04LNPV937

Date:

05 Jul 2019

Product Category:

8-bit Microcontrollers

Affected CPNs:

Notification subject:

Data Sheet - ATtiny214/414/814 Data Sheet

Notification text:

SYST-04LNPV937

Microchip has released a new DeviceDoc for the ATtiny214/414/814 Data Sheet of devices. If you are using one of these devices please read the document located at ATtiny214/414/814 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. PORTMUX section: Updated with missing information
5. 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.
6. TCA section: Added a note for alternative WOn pins
7. 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
8. SPI section: Clarified functionality for SPI SS pin
9. CRCSCAN section: Removed unsupported BACKGROUD
10. ADC - Analog-to-Digital Converter section: Added missing calibration register
11. UPDI section: Added warning for ESD protection and GPIO functionality disabled for a period after a system reset, changed from ms to clock cycles
12. Electrical Characteristics section: Added a note for Chip Erase in General Operating Ratings and Corrected the description for some symbols in the I/O Pin Characteristics table
13. Errata section: Errata moved to ATtiny214/414/814 Silicon Errata and Data Sheet Clarification Document
14. Ordering Information section: Updated with product page links and ordering codes
15. Product Identification System section: Updated with Tube and Tray packing media
16. 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):
ATtiny214/414/814 Data Sheet

Please contact your local Microchip sales office with questions or concerns regarding this notification.

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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)

ATTINY214-SSF
ATTINY214-SSFR
ATTINY214-SSN
ATTINY214-SSNR
ATTINY414-SSF
ATTINY414-SSFR
ATTINY414-SSN
ATTINY414-SSNR
ATTINY814-SSF
ATTINY814-SSFR
ATTINY814-SSN
ATTINY814-SSNR