



Product Change Notification - SYST-04FQTS945

Date:

05 Jul 2019

Product Category:

8-bit Microcontrollers

Affected CPNs:**Notification subject:**

ERRATA - megaAVR 0-series Silicon Errata and Data Sheet Clarifications

Notification text:

SYST-04FQTS945

Microchip has released a new DeviceDoc for the megaAVR 0-series Silicon Errata and Data Sheet Clarifications of devices. If you are using one of these devices please read the document located at [megaAVR 0-series Silicon Errata and Data Sheet Clarifications](#).

Notification Status: Final

Description of Change:

1. Document:

- a. Adding variants with 16 KB and 8 KB Flash
- b. Adding 40-pin variant of ATmega4809
- c. Changing document title
- d. Adding section 3. Data Sheet Clarifications

2. New Errata:

- a. PORTMUX: 2.2.1 SPI SS Pin is Connected to Pin Even if SPI is Configured to Have No Port Connection
 - b. TCB: 2.6.2 Minimum Event Duration Must Exceed Selected Clock Period
 - c. USART: 2.7.1 TXD Pin Override Not Released When Disabling the Transmitter
3. Erratum for TCA removed: Issuing a restart will clear the direction bit - the data sheet is describing this correctly.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 05 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):

[megaAVR 0-series Silicon Errata and Data Sheet Clarifications](#)

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

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Affected Catalog Part Numbers (CPN)

ATMEGA1608-AF
ATMEGA1608-AFR
ATMEGA1608-AU
ATMEGA1608-AUR
ATMEGA1608-MF
ATMEGA1608-MFR
ATMEGA1608-MU
ATMEGA1608-MUR
ATMEGA1608-XF
ATMEGA1608-XFR
ATMEGA1608-XU
ATMEGA1608-XUR
ATMEGA1609-AF
ATMEGA1609-AFR
ATMEGA1609-AU
ATMEGA1609-AUR
ATMEGA3208-AF
ATMEGA3208-AFR
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ATMEGA3208-AUR
ATMEGA3208-MF
ATMEGA3208-MFR
ATMEGA3208-MU
ATMEGA3208-MUR
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ATMEGA3208-XU
ATMEGA3208-XUR
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ATMEGA3209-MF
ATMEGA3209-MFR
ATMEGA3209-MU
ATMEGA3209-MUR
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