



Product Change Notification / SYST-09RJB446

Date:

12-Feb-2024

Product Category:

8-Bit Microcontrollers

PCN Type:

Silicon Die Revision

Notification Subject:

AVR64EA28/32/48 Silicon Errata and Data Sheet Clarifications

Affected CPNs:

[SYST-09RJB446_Affected_CPN_02122024.pdf](#)

[SYST-09RJB446_Affected_CPN_02122024.csv](#)

Notification Text:

SYST-09RJB446

Microchip has released a new Document for the AVR64EA28/32/48 Silicon Errata and Data Sheet Clarifications of devices. If you are using one of these devices please read the document located at [AVR64EA28/32/48 Silicon Errata and Data Sheet Clarifications](#).

Notification Status: Final

Description of Change:

Updated Silicon Revision: B2

Added errata:

- Device: 2.2.3. Write Operation Lost if Consecutive Writes to Specific Address Spaces

Added Data Sheet Clarifications:

- SPI:

– 3.1. SPI - Serial Peripheral Interface

– 3.2. SPI - Serial Peripheral Interface

- Electrical Characteristics:

– 3.5. Electrical Characteristics - I/O Pins

– 3.7. Electrical Characteristics - SPI

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 12 Feb 2024

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

Attachments:

[AVR64EA28/32/48 Silicon Errata and Data Sheet Clarifications](#)

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)

AVR64EA48-E/6LX
AVR64EA28-E/SP
AVR64EA28-E/SS
AVR64EA32-E/RXB
AVR64EA28-E/STX
AVR64EA32-E/PT
AVR64EA48-E/PT
AVR64EA48-I/6LX
AVR64EA28-I/SP
AVR64EA28-I/SS
AVR64EA32-I/RXB
AVR64EA28-I/STX
AVR64EA32-I/PT
AVR64EA48-I/PT
AVR64EA48T-I/6LX
AVR64EA28T-I/SS
AVR64EA32T-I/RXB
AVR64EA28T-I/STX
AVR64EA32T-I/PT
AVR64EA48T-I/PT
AVR64EA48T-E/6LX
AVR64EA28T-E/SS
AVR64EA32T-E/RXB
AVR64EA28T-E/STX
AVR64EA32T-E/PT
AVR64EA48T-E/PT