



Product Change Notification: SYST-16ZSNF650

Date:

21-Jan-2025

Product Category:

8-Bit Microcontrollers

Notification Subject:

AVR64DA28/32/48/64(S) Silicon Errata and Data Sheet Clarification

Affected CPNs:

[SYST-16ZSNF650_Affected_CPN_01212025.pdf](#)

[SYST-16ZSNF650_Affected_CPN_01212025.csv](#)

Notification Text:

SYST-16ZSNF650

Microchip has released a new Document for the AVR64DA28/32/48/64(S) Silicon Errata and Data Sheet Clarification of devices. If you are using one of these devices please read the document located at **[AVR64DA28/32/48/64\(S\) Silicon Errata and Data Sheet Clarification](#)**

Notification Status: Final

Description of Change:

- Added new device revision (A6)
- Added errata:– Device: Write Operation Lost if Consecutive Writes to Specific Address Spaces– ADC: ADC MUX Selection and Accumulation Number has Delayed Update When Initialization Delay is Used– NVMCTRL: NVM_EEPROM_ERASE Command does Not Respect Write Protect– TCB: TCB4 Waveform Output Alternative 1 Non-Functional– USART: Receiver Non-Functional after Detection of Inconsistent Synchronization Field•
- Removed data sheet clarifications:– 3.1. Features– 3.2. FUSE - Configuration and User Fuses– 3.3. RSTCTRL - Reset Controller– 3.4. TWI - Two-Wire Interface– 3.5. Electrical Characteristics

- Peripheral Power Consumption– 3.6. Electrical Characteristics - Memory Programming Specifications– 3.7. Electrical Characteristics - VREF– 3.8. Electrical Characteristics - DAC– 3.9. Electrical Characteristics - ADC

Impacts to Data Sheet: Refer to **DS40002233**

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Estimated First Ship Date: 20 Feb 2025

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Markings to Distinguish Revised from Unrevised Devices: Traceability Code

Attachments:

AVR64DA28/32/48/64(S) Silicon Errata and Data Sheet Clarification

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

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