Product Change Notification / SYST-18CWHD261

Date:

24-Nov-2020

Product Category:

8-bit Microcontrollers

PCN Type:

Silicon Die Revision

Notification Subject:

ERRATA - AVR64DA28/32/48/64 Silicon Errata and Data Sheet Clarification

Affected CPNs:

SYST-18CWHD261_Affected_CPN_11242020.pdf
SYST-18CWHD261_Affected_CPN_11242020.csv

Notification Text:

SYST-18CWHD261

Microchip has released a new Product Documents for the AVR64DA28/32/48/64 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 Silicon Errata and Data Sheet Clarification.

Notification Status: Final

Description of Change:
This revision includes the following updates to Data Sheet Clarifications:
1) Add new device revision (A4)
2) Added errata:
– Device: Some Reserved Fuse Bits Are '1'
– Device: CRC Check During Reset Initialization Is not Functional
– RSTCTRL: BOD Registers not Reset When UPDI Is Enabled
– TCA: Restart Will Reset Counter Direction in NORMAL and FRQ Mode
– TCB: CCMP and CNT Registers Operate as 16-Bit Registers in 8-Bit PWM Mode
– TCD: Asynchronous Input Events not Working When TCD Counter Prescaler Is Used
– USART: Start-of-Frame Detection Can Unintentionally Be Enabled in Active Mode When RXCIF Is '0'

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 24 Nov 2020

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:

AVR64DA28/32/48/64 Silicon Errata and Data Sheet Clarification

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.