Product Change Notification / SYST-10TSQD600

Date:

11-Feb-2021

Product Category:

8-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

ERRATA - ATmega3208/3209 Silicon Errata and Data Sheet Clarification

Affected CPNs:

SYST-10TSQD600_Affected_CPN_02112021.pdf
SYST-10TSQD600_Affected_CPN_02112021.csv

Notification Text:

SYST-10TSQD600

Microchip has released a new Product Documents for the ATmega3208/3209 Silicon Errata and Data Sheet Clarification of devices. If you are using one of these devices please read the document located at ATmega3208/3209 Silicon Errata and Data Sheet Clarification.

Notification Status: Final

Description of Change:
1) Added new errata:
 – Device:
  • 2.2.1 Writing the OSCLOCK Fuse in FUSE.OSCCFG to '1' Prevents Automatic Loading of Calibration Values
 – TCA: 2.7.1 Restart Will Reset Counter Direction in NORMAL and FRQ Mode
 – TCB: 2.8.3 CCMP and CNT Registers Operate as 16-Bit Registers in 8-Bit PWM Mode
 – USART:
  • 2.9.2 Open-Drain Mode Does Not Work When TXD is Configured as Output
  • 2.9.3 Start-of-Frame Detection Can Unintentionally Be Triggered in Active Mode

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 11 Feb 2021

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:

ATmega3208/3209 Silicon Errata and Data Sheet Clarification

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

Terms and Conditions:

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If you wish to <u>change your PCN profile, including opt out,</u> 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.