Product Change Notification - SYST-19XSDQ080

Date:

26 Jun 2020

Product Category:

8-bit Microcontrollers

Affected CPNs:

Notification subject:

Data Sheet - ATmega3208/3209 Data Sheet

Notification text:

SYST-19XSDQ080

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

Notification Status: Final

Description of Change: This revision includes the following changes

Chapter	Changes
Entire Document	Removed the content of the Instruction Set Summary section. This s Set Manual instead.
megaAVR® 0-series Overview	*megaAVR ® Device Designations* figure updated
Features	48-Pin UQFN replaced by 48-Pin VQFN
Pinout	48-Pin UQFN replaced by 48-Pin VQFN
I/O Multiplexing and Considerations	*Multiplexed Signals* table updated to replace 48-Pin UQFN with 48-P
Peripherals and Architecture	*Interrupt Vector Mapping* table 40-Pin column removed
Electrical Characteristics	•*Power Dissipation and Junction Temperature vs. Temperature* ta numbers •*Power Dissipation and Junction Temperature vs. Temperature* ta •*Power Supply, Reference, and Input Range* table added R_{IN} row •*UPDI Max. Bit Rates vs. VDD* table corrected V_{DD} condition for
Ordering information	•Removed ordering codes for 48-Pin UQFN •Added ordering codes for 48-Pin VQFN •*Product Identification System* figure updated
Package Drawings	•Updated table *Drawing Numbers* to Microchip editorial standard •Removed 48-Pin UQFN package from *Drawing Numbers* table •Removed 48-Pin UQFN package drawing

	• Added 48-Pin VQFN package to *Drawing Numbers* table
	• Added 48-Pin VQFN package drawing

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 22 Jun 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

Attachment(s):
ATmega3208/3209 Data Sheet

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

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Affected Catalog Part Numbers (CPN)

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