

Product Change Notification - SYST-25XKGP049

Date:

26 Mar 2020

Product Category:

32-bit Microcontrollers

Affected CPNs:

Notification subject:

Data Sheet - SAM D21/DA1 Family Data Sheet

Notification text:

SYST-25XKGP049

Microchip has released a new Product Documents for the SAM D21/DA1 Family Data Sheet of devices. If you are using one of these devices please read the document located at [SAM D21/DA1 Family Data Sheet](#).

Notification Status: Final

Description of Change: This revision includes the following changes

Appendix A	Added a new appendix SIL 2 Enabled Functional Safety Devices
Packaging Information	Added '35-ball WLCSP (Device variant D)'
DAC	Updated the INTENSET register, changed disable to enable for interrupts. Updated the SYNCRDY bit of the INTENSET Register. Added information about internal 1.0V buffered reference voltage.
ADC	Added information about internal 1.0V buffered reference voltage. Updated CALIB register description.
SAM DA1 Electrical Characteristics	Updated I ² C Pins Characteristics in I ² C Configuration in I ² C Pins. Updated label for internal 1.1V Bandgap Reference Added information about internal 1.0V buffered reference voltage for ADC and DAC.
SERCOM I2C	Updated the SYSOP bit of the SYNCBUSY Register with the removal of erroneous text
SERCOM SPI	Updated DOPO description.
EIC	Note added for CONFIGn registers.
DMAC	Updated Sleep mode operation description.
SYSCTRL	Removed reference to BOD12 registers. Added ENABLE bit in the VREG



DSU	Related linked added in the DID register description.
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Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 26 March 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):

[SAM D21/DA1 Family Data Sheet](#)

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Affected Catalog Part Numbers (CPN)

ATSAMD21E15A-MFT
ATSAMD21E15B-AF
ATSAMD21E15B-AFT
ATSAMD21E15B-AU
ATSAMD21E15B-AUT
ATSAMD21E15B-AZ
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