



Product Change Notification / SYST-17KAEV988

Date:

18-Mar-2022

Product Category:

32-bit Microcontrollers, USB Power Delivery

PCN Type:

Document Change

Notification Subject:

Data Sheet - SAM D20 Datasheet Document Revision

Affected CPNs:

[SYST-17KAEV988_Affected_CPN_03182022.pdf](#)

[SYST-17KAEV988_Affected_CPN_03182022.csv](#)

Notification Text:

SYST-17KAEV988

Microchip has released a new Product Documents for the SAM D20 Datasheet of devices. If you are using one of these devices please read the document located at [SAM D20 Datasheet](#).

Notification Status: Final

Description of Change: This revision includes numerous typographical corrections throughout the document. All other changes are described as follows:

1) General: The SPI and I2C standards use the terminology "Master" and "Slave". The equivalent Microchip terminology, "Host" and "Client," is used in this document. This terminology has been updated throughout this document for this revision.

2) RTC: Added a note to the RCONT bitfield in the READREQ Register.

3) SERCOM SPI: Removed erroneous text in Host with Several Clients.

4) TC:

a) Updated the CTRLA Register with a new Register property for 8-bit, 16-bit and 32-bit Registers

b) Updated the 8-bit COUNT Register with a new note and an updated Register Property

c) Updated the 16-bit COUNT Register with a new note and an updated Register Property

d) Updated the 32-bit COUNT Register with a new note and an updated Register Property

5) Electrical Characteristics at 85C

a) In SERCOM in SPI Mode Timing the table had minor formatting updates applied, and the typical and maximum values for tSCK switched

b) In SERCOM in I2C Mode Timing minor formatting updates were applied to the table

6) AEC-Q100 Electrical Characteristics at 125C: In SERCOM in SPI Mode Timing the table had minor formatting updates applied, and the typical and maximum values for tSCK switched.

7) Acronyms and Abbreviations: Removed references to the TCC as this product does not contain a TCC.

Impacts to Data Sheet: See above details.

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 18 Mar 2022

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:

[SAM D20 Datasheet](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

ATSAMD20G17A-MUTA3
ATSAMD20G14A-MUTA2
ATSAMD20G15A-MUTA2
ATSAMD20G16A-MUTA2
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