

## Product Change Notification - SYST-08QQGX632

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**Date:**

11 Nov 2019

**Product Category:**

32-bit Microcontrollers

**Affected CPNs:****Notification subject:**

Data Sheet - SAM D20 Datasheet

**Notification text:**

SYST-08QQGX632

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](#).

Data Sheet - SAM D20 Datasheet

**Notification Status:** Final

**Description of Change:** This revision includes typographical corrections throughout the document

- 1) PORT section: Updated the PMUX Register with information for 0x5 for the PMUXO and PMUXE bits.
- 2) SERCOM I2C section: Updated the Diagram I 2C Master Behavioral Diagram in I 2C Master Operation.
- 3) SERCOM I2C section: Updated the chapter to remove the following duplicate sections: a. Receiving Data Packets b. High Speed Mode c. 10 Bit Addressing d. Receiving Address Packets.
- 4) SERCOM I2C section: Updated the Diagram I 2C Slave Behavioral Diagram in I 2C Slave Operation
- 5) SERCOM I2C section: Updated the following Registers: a. STATUS Slave Register With R/W information for the CLKHOLD bit b. STATUS Master Register was updated with information for the SCL line.
- 6) Electrical Characteristics at 85°C section: Updated the Equation in Crystal Oscillator Characteristics
- 7) Electrical Characteristics at 105°C section: Updated the Equation in Crystal Oscillator Characteristics
- 8) Schematic Checklist section: a. Updated Crystal Oscillator with CLEXT information in the figure and table replacing 15pF b. Updated External Real Time Oscillator with information for CLEXT in the figure and table replacing 22pF c. Updated Calculating the Correct Crystal Decoupling Capacitor with a new reference to Oscillator Characteristics for an updated equation d. Updated External Reset Circuit with a new diagram
- 9) Power Domain Overview section: Corrected the color of the pins on the right side of the diagram to blue.

**Impacts to Data Sheet:** None

**Reason for Change:** To Improve Manufacturability

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 11 November 2019



**NOTE:** Please be advised that this is a change to the document only the product has not been

**Attachment(s):**

[SAM D20 Datasheet](#)

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Affected Catalog Part Numbers (CPN)

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