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## Product Change Notification - SYST-29UWTZ820 (Printer Friendly)

**Date:**

30 Mar 2017

**Product Category:**

32-bit PIC Microcontrollers

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

Data Sheet - SAM C21 Datasheet

**Notification text:**

SYST-29UWTZ820

Microchip has released a new DeviceDoc for the SAM C21 Datasheet of devices. If you are using one of these devices please read the document located at [SAM C21 Datasheet](#).

**Notification Status:** Final**Description of Change:**

- 1) Removed space form the ordering codes in Ordering Information
- 2) Added 100-pin TQFP package option and more features on Eight TCs, eight SERCOMs
- 3) Added interrupt pin debouncing for SAM C21N on EIC – External Interrupt Controller
- 4) LUTCTRL.INSELx: Added ALT2TC at INSELx=0xA. For the ALT2TC options the LUT 0 to 3 mapping will be TC4,TC5,TC6,TC7. The ALT2TC is only applicable for SAM C21N on CCL – Configurable Custom Logic
- 5) XOSC32K.STARTUP[2:0]: Table for start-up times updated for OSC32KCTRL – 32KHz Oscillators Controller
- 6) Updated block diagram and CAN cannot operate in Standby sleep mode: – Merged content from "Power Down (Sleep Mode)" section into Sleep Mode Operation. – Updated description of Power Management . – MRCFG.RUNSTDBY bit removed in CAN - Control Area Network
- 7) Updated conditions and typical numbers for power consumption in Digital to Analog Converter (DAC) Characteristics, added typical characterization numbers in Digital Phase Locked Loop (DPLL) Characteristics and Updated TSTART values, updated note 4 and removed the condition for 48MHz RC Oscillator (OSC48M) Characteristics.
- 8) Electrical characterization data added for SAM C21.
- 9) Updated schematic diagram and recommended pin connections in External Reset Circuit

**Impacts to Data Sheet:** None**Reason for Change:** To Improve Manufacturability

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 30 March 2017

**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 C21 Datasheet](#)

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