



Product Change Notification - SYST-12VYHV269

Date:

16 Apr 2018

Product Category:

32-bit PIC Microcontrollers

Affected CPNs:**Notification subject:**

Data Sheet - SAM D5X/E5X Family Datasheet

Notification text:

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Notification Status: Final

Description of Change: 1) Features; Updated CAN FD reference. Added 120-ball TFBGA package. 2) Configuration; Summary Added 120-ball TFBGA to the family feature tables. 3) Ordering Information; Updated the notes for devices in WLCSP packages; Updated Package Type, adding CT = TFBGA. 4) Pinout; Added the 120-ball TFBGA package pinout diagram. 5) Multiplexed Signals; Added 120-ball TFBGA and updated Note 3 (see Table 6-1.). 6) OSC32KCTRL - 32 kHz Oscillators Controller; Added the EN1K and EN32K bits to the OSCULP32K register (see 29.8.9 OSCULP32K). 7) SERCOM - Serial Communication Interface; Added Fractional Baud information to the Baud Rate Equations (see Table 33-2). 8) QSPI - Quad Serial Peripheral Interface; Added equations to the BAUD register (see 37.8.3 BAUD). 9) CAN - Control Area Network; Updated the Overview; Updated ISO 11898 references throughout the chapter. 10) Public Key Cryptography Controller (PUKCC); Added the Public Key Cryptography Library (PUKCL) Application Programmer Interface (API) section. 11) TCC - Timer/Counter for Control Applications; Updated the number of TCC instances to 5 (4:0). 12) 54. Electrical Characteristics at 85°C; (1) Improved SPI maximum speed information in Table 54-52.; (2). Added example for QSPI maximum frequency examples Table 54-54.). 12) Packaging Information; Added the 120-ball TFBGA package (see 55.3.6 120-ball TFBGA).

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 16 Apr 2018

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 D5X/E5X Family Datasheet](#)

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Affected Catalog Part Numbers (CPN)

ATSAMD51G18A-MU
ATSAMD51G18A-MUT
ATSAMD51G19A-MU
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ATSAMD51J18A-AU
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