MICROCHIP

Product Change Notification - SYST-11NHLH983   (Printer Friendly)

Date:	12 Jul 2016
Product Category:	32-bit PIC Microcontrollers; 8-bit Microcontrollers
Affected CPNs:	📄 📊
Notification subject:	Data Sheet - PIC32MZ Embedded Connectivity with Floating Point Unit (EF) Family Data Sheet Document Revision
Notification text:	SYST-11NHLH983

Microchip has released a new DeviceDoc for the PIC32MZ Embedded Connectivity with Floating Point Unit (EF) Family of devices. If you are using one of these devices please read the document located at PIC32MZ Embedded Connectivity with Floating Point Unit (EF) Family.

Notification Status: Final

Description of Change: 1) 32-bit MCUs (up to 2 MB Live-Update Flash and 512 KB SRAM) with FPU, Audio and Graphics Interfaces, HS USB, Ethernet, and Advanced Analog - Updated the Operating Conditions and Core MHz values and XFBGA package was renamed to TFBGA. 2) 20.0 "Serial Quad Interface (SQI)" - The CLKDIV<9:0> bits in the SQI1CLKCON register were updated (see Register 20-5) and THRES<4:0> bits in the SQI1THR register were updated (see Register 20-21). 3) 37.0 "Electrical Characteristics" - The Program Flash Memory Wait States were updated (see Table 37-13) and minimum value for System Time Requirements parameter OS51 (when the USB module is enabled) was updated (see Table 37-18). 4) 39.0 "252 MHz Electrical Characteristics" - This chapter was added. 5) Appendix A: "Migrating from PIC32MX5XX/6XX/7XX to PIC32MZ EF" - The new ADC module reference was updated (see A.2 "Analog-to-Digital Converter (ADC)") and ADC Calibration was added to B.2 "Analog-to-Digital Converter (ADC)" 6) Appendix B: "Migrating from PIC32MZ EC to PIC32MZ EF" - The Device Configuration and Control Differences (Table B-8) were updated to include the Boot Flash Sequence and B.10 "Serial Quad Interface (SQI)" was updated. 7) Product Identification System - The Speed category was added.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 12 Jul 2016

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):   PIC32MZ Embedded Connectivity with Floating Point Unit (EF) Family

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