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Product Change Notification - SYST-11NHLH983

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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Affected Catalog Part Numbers (CPN)

PIC32MZ1024EFG064T-I/PT
PIC32MZ1024EFG064T-I/MR
PIC32MZ1024EFG064T-E/PT
PIC32MZ1024EFG064T-E/MRVAO
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PIC32MZ1024EFG064-I/PT
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