



Product Change Notification - SYST-01ZXJH851

Date:

04 Mar 2019

Product Category:

32-bit Microcontrollers

Affected CPNs:**Notification subject:**

Data Sheet - PIC32MZ Embedded Connectivity with Floating Point Unit (EF) Family

Notification text:

SYST-01ZXJH851

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: This revision includes the following changes, which are referenced by their respective chapter in Table C- 5. In addition, minor updates to text and formatting were incorporated throughout the document.

Section Name	Update Description
Electrical Characteristics 37.0	ESD Qualifications added to the Absolute Maximum Ratings list.
DC Temperature and Voltage Specifications 37-4	Clarifications were made to DC Temperature and Voltage Specifications 37-4 for the DC16 VPOR Specification
Pin Names for 144-pin TFBGA Devices 7	Corrected typographical errors.
EBICSx: External Bus Interface Chip Select Register ('x' = 0-3) 24-1	A note was added to clarify that the Memory Base Address should be aligned on the Memory Size Boundary.
Package Marking Information 41.1	Package Marking was described rather than pictured.
PIC32MZ EF Family Features 1	100-lead TFBGA package information was added.
Pin Names for 144-pin TQFP Devices 6 and ADC Pinout I/O Descriptions 1-1 through JTAG, Trace, and Programming/ Debugging Pinout I/O Descriptions 1-22	100-lead TFBGA Pinout information was added.
Packaging Information 41.0	100-lead TFBGA package information was added.
DC Characteristics 37.1	100-lead TFBGA package thermal information was added.
Product Identification System	100-lead TFBGA package thermal information was added.
Considerations when Interfacing to Remotely Powered Circuits 2.11	This section was corrected to include the proper circuit Diagram.

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete



Date Document Changes Effective: 04 Mar 2019

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)

PIC32MZ0512EFE064-E/MR
PIC32MZ0512EFE064-E/MRA21
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PIC32MZ0512EFE064-I/MR
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PIC32MZ2048EFM144-I/PHN21
PIC32MZ2048EFM144-I/PHN22
PIC32MZ2048EFM144-I/PHN23
PIC32MZ2048EFM144-I/PL
PIC32MZ2048EFM144T-E/JWX
PIC32MZ2048EFM144T-E/PH
PIC32MZ2048EFM144T-E/PL
PIC32MZ2048EFM144T-I/JWX
PIC32MZ2048EFM144T-I/PH
PIC32MZ2048EFM144T-I/PHN21
PIC32MZ2048EFM144T-I/PHN22
PIC32MZ2048EFM144T-I/PL