Product Change Notification / SYST-01ZCPY153

Date:

06-Mar-2024

Product Category:

Wireless Modules

PCN Type:

Document Change

Notification Subject:

Data Sheet - PIC32CX-BZ3 and WBZ35x Family Data Sheet

Affected CPNs:

SYST-01ZCPY153_Affected_CPN_03062024.pdf
SYST-01ZCPY153_Affected_CPN_03062024.csv

Notification Text:

SYST-01ZCPY153

Microchip has released a new Datasheet for the PIC32CX-BZ3 and WBZ35x Family Data Sheet of devices. If you are using one of these devices please read the document located at PIC32CX-BZ3 and WBZ35x Family Data Sheet.

Notification Status: Final

Description of Change:

PIC32CX-BZ3 SoC Family Features
Changed Coremark® value from 2.36 to 2.42

1.1. PIC32CX-BZ3 SoC Ordering Information Ordering info for 32QFN SoC and Module is deleted

1.2. WBZ35x Module Ordering Information
• Added UKCA, MIC, KCC, NCC, SRRC in Regulatory Certification for WBZ351
• Ordering info for 32QFN SoC and Module is deleted

5. Pinout and Signal Descriptions List
• Updated the pin name description
• Added note related to power supply pins and

SWCLK pins
9.1. Cortex M4F Processor Removed "ARM® TrustZone® security" information in the Introduction section

17.3.7. Peripheral Clock Generation (GCLK)
Added note "Only REFO1 - REFO4 can get routed to chip IOs"

18. Power Management Unit (PMU) Removed "Software Restore" topic

32.8.3. CTRLC Minor update

36.13.1. ADCCON1
Added note for "Fast Synchronous UPB Clock bit"

41.8.2. CTRLBCLR
Minor update

41.8.6. WEXCTRL
Removed "DTIEN3" bit

41.8.16. WAVE
Removed "SWAP3" bit

43.5. Power Supply DC Module Electrical Specifications
Minor update

43.11. Wake-Up Timing from Low Power Modes AC Electrical Specifications
Added new topic

43.12. I/O PIN AC/DC Electrical Specifications
Updated with new values

43.16. DAC Module Electrical Specifications
Updated with new values

43.19. SPI Module Electrical Specifications
Updated with new values

43.20. UART AC Electrical Specifications
Updated with new values

43.21. I2C Module Electrical Specifications
Updated with new values

43.23. TCx Timer Capture Module AC Electrical Specifications
Added Timing Diagram

43.24. TCCx Timer Capture Module AC Electrical Specifications
Added Timing Diagram

43.26. Frequency Meter AC Electrical Specifications
Minor update

43.27. SWD 2-Wire AC Electrical Specifications
Added Timing Diagram

Impacts to Data Sheet: See above details.

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 06 Mar 2024

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

Attachments:

PIC32CX-BZ3 and WBZ35x Family Data Sheet

Please contact your local Microchip sales office with questions or concerns regarding this notification.

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