MICROCHIP

Product Change Notification / SYST-11OTVD246

Date:

12-Apr-2022

Product Category:

32-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

Data Sheet - PIC32CM LE00/LS00/LS60 Family Data Sheet Data Sheet Document Revision

Affected CPNs:

SYST-11OTVD246_Affected_CPN_04122022.pdf
SYST-11OTVD246_Affected_CPN_04122022.csv

Notification Text:

SYST-11OTVD246

Microchip has released a new Product Documents for the PIC32CM LE00/LS00/LS60 Family Data Sheet of devices. If you are using one of these devices please read the document located at PIC32CM LE00/LS00/LS60 Family Data Sheet.

Notification Status: Final

Description of Change:

1. Updated the naming for the ATECC608B-TFLXTLS

2. Table 1-1. PIC32CM LE00/LS00/LS60 Family Features

3. Updated the values in the tables for Bit position 13 in PIC32CM LE00 User Row, PIC32CM LS00 User Row and PIC32CM LS60 User Row

4. Replaced the text in ATECC608B CryptoAuthentication Device (PIC32CM LS60 only)

5. Added new content to refer to Region Unlock Bits in Chip Erase

6. Updated the following registers: 14.2.2. SCFGB, 14.2.3. SCFGA, and 14.2.4. SCFGR

7. Added an Important note to Region Unlock Bits

8. Updated Figure NVMCTRL - Secure SRAM (RS region) Size

9. Updated these registers: 29.6.10. SULCK and 29.6.11. NSULCK

10. Corrected oscillator naming in Start-of-Frame Detection

11. Added a new note to the Signal Description

12. Removed incorrect NIST References from the following sections: Overview and Features

13. Added a new note to Initialization

14. Added a note to the ENABLE bit for the CTRLA Register

15. Added new bullet points to the Caution note in Analog Peripherals Considerations

16. Replaced the Block Diagram with a new Image

17. Updated the 39.7.2. CTRLBCLR register

18. Updated these registers: 40.7.2. CTRLBCLRand 40.7.3. CTRLBSET

19. Removed sections of data for the PDSW Domain in Retention from the MCU

20. Standby Current Consumption Electrical Specifications table

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 12 Apr 2022

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:

PIC32CM LE00/LS00/LS60 Family Data Sheet

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

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Affected Catalog Part Numbers (CPN)

PIC32CM2532LE00048-I/U5B
PIC32CM2532LE00048T-I/U5B
PIC32CM2532LS00048-I/U5B
PIC32CM2532LS00048T-I/U5B
PIC32CM2532LS00100-I/PF
PIC32CM2532LS00100T-I/PF
PIC32CM5164LE00048-I/U5B
PIC32CM5164LE00048T-I/U5B
PIC32CM5164LE00100-I/PF
PIC32CM5164LE00100T-I/PF
PIC32CM5164LS00048-I/U5B
PIC32CM5164LS00048T-I/U5B
PIC32CM5164LS00100-I/PF
PIC32CM5164LS00100T-I/PF
PIC32CM5164LS60048-I/U5B-PROTO
PIC32CM5164LS60048T-I/U5B-PROTO
PIC32CM5164LS60100-I/PF
PIC32CM5164LS60100-I/PF-PROTO
PIC32CM5164LS60100T-I/PF-PROTO