Product Change Notification - SYST-24VAGE778

Date:
25 Sep 2019

Product Category:
Computing Embedded Controllers

Affected CPNs:

Notification subject:

Data Sheet - MEC170x Keyboard and Embedded Controller for Notebook PC - Data Sheet Document Revision

Notification text:

SYST-24VAGE778

Microchip has released a new Product Documents for the MEC170x Keyboard and Embedded Controller for Notebook PC - Data Sheet of devices. If you are using one of these devices please read the document located at MEC170x Keyboard and Embedded Controller for Notebook PC - Data Sheet.

Notification Status: Final

Description of Change:

1) Several template pages updated.

2) Added VCI_ENABLE to RTC Control Register: Added VCI_ENABLE to RTC Control Register bit 2. This bit is used to generate the RTL Alarm Interrupt.

3) Updated Note in eSPI chapter: Updated note on EC Firmware responsibility when HOST_RST_WARN/HOST_RST_ACK Virtual Wire are received/sent by EC.

4) Updated Section 3.7 Register Map: Address 4000FC38h marked reserved.

5) Updated Table 1-1: Added three rows for Root Of Trust, Secure Boot and Immutable code

6) Updated Resets Block Diagram: Removed PWR_INV from RESET_VCC path. This is not present in this path.

7) Updated PWR_INV register access information: Updated the definition of PWR_INV

8) Updated 4: Power Sequencing Parameters -> Note 4: auto voltage correction feature has been de-featured. Note updated.

9) Updated Section 46.8.7: OTP Lock Register exposed to customer

10) Updated Section: exposed to customer

11) Updated Section 46.8.9: PECI Disable Register exposed to customer

12) Updated Section 37.12.3: Added ACTIVE bit explanation in Section 37.12.3

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 25 Sep 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):

MEC170x Keyboard and Embedded Controller for Notebook PC - Data Sheet

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

notification.

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