



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: PECE 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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Affected Catalog Part Numbers (CPN)

MEC1701H-C1-SZ
MEC1701H-C1-SZ-TR
MEC1701Q-C2-SZ
MEC1701Q-C2-TN
MEC1703K-F2-SZ
MEC1703K-P2-X/XY
MEC1703K-P2-XY
MEC1703Q-B2-TN
MEC1703Q-C2-TN
MEC1703Q-C2-XY
MEC1703Q-F2-SZ
MEC1704Q-C2-I/SZ
MEC1705Q-C2-I/SZ