



Product Change Notification / SYST-27WONG136

Date:

29-Jul-2020

Product Category:

Computing Embedded Controllers

PCN Type:

Document Change

Notification Subject:

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

Affected CPNs:

[SYST-27WONG136_Affected_CPN_07292020.pdf](#)

[SYST-27WONG136_Affected_CPN_07292020.csv](#)

Notification Text:

SYST-27WONG136

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) Section TABLE 50-1:, "Power Supply Operating Conditions" Typ value for VTR_REG Main Regulator Power Supply changed from 3.0 to 3.3.
- 2) Table 38-1, "External Signal Description" All signal names start with QMSPI. This change will match the pin table
- 3) Section 18.10.4.4, "Output GPIO[140:176] Register" bits 23:16 corrected to GPIO[167:160] Output
- 4) Section 18.10.4.6, "Output GPIO[240:276] Register" Offset address corrected to 0x394.
- 5) Section 10.4.3.2, "Clocks" eSPI_CLOCK supports up to max 51MHz operation.

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 29 Jul 2020

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:

[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-F3-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