MICROCHIP

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.

Terms and Conditions:

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our PCN home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the PCN FAQ section.

If you wish to <u>change your PCN profile, including opt out,</u> please go to the PCN home page select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.