Product Change Notification / SYST-09LJPO043

Date:

10-Aug-2022

Product Category:

Computing Embedded Controllers

PCN Type:

Document Change

Notification Subject:

Data Sheet - MEC1725 Keyboard and Embedded Controller for Notebook PC - Data Sheet

Affected CPNs:

SYST-09LJPO043_Affected_CPN_08102022.pdf
SYST-09LJPO043_Affected_CPN_08102022.csv

Notification Text:

SYST-09LJPO043

Microchip has released a new Datasheet for the MEC1725 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 MEC1725 Keyboard and Embedded Controller for Notebook PC - Data Sheet.

Notification Status: Final

Description of Change:
Table 2-5, "Pin Description table" • Added Note 22 and 23 for number of data pins in QMSPI's Private SPI (PVT_IOx) and GPSPI (GPSPI_IOx) interface. • Added Note 24 for number of data pins of GP SPI (SPIx_MISO, SPIx_MOSI).
TABLE 2-4:, GPIO Alternate Functions • Removed the unsupported functions/GPIO's from the table. Section 11.11.2, Physical Interface • Typo 106 corrected to 16.
Table 4-5, "Power Sequencing Signals" • Note added "During EC power up, the pad pro tection logic holds the pads in reset"
Section 19.7.2, WDT Control Register • HIBERNATION_TIMER_STALL definition updated
Section 44.8.2, Edge Event Status • Description updated
Section 44.9.4, VCI Input Enable Register • Note 2 added.
Table 53-18, "SPI Clock Tim ing Parameters" • Tp parameter min time corrected.
Section 2.4.6, Under-voltage Protection • Updated the description of the section.
Table 52-11, "VTR Supply Current, I_VTR" • Heavy Sleep typical numbers corrected.
Table 3-2, "Sleep Allocation" • PSPI Block changed to EEPRO

Impacts to Data Sheet: See above details.

Change Implementation Status: Complete

Date Document Changes Effective: 10 Aug 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:

MEC1725 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)

MEC1725N-B0-I/LJ