


Product Change Notification - SYST-15MFEU428

Date:	17 Nov 2017
Product Category:	
Affected CPNs:	
Notification subject:	Data Sheet - MEC170x Keyboard and Embedded Controller for Notebook PC - Data Sheet Data Sheet Document Revision
Notification text:	SYST-15MFEU428

Microchip has released a new DeviceDoc 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) Added SHA-384 in document features and section 47.10.2. 2) Added UPD Dead Battery Support in 169-pin package of MEC1701 and MEC1703 in Table 1-1. 3) Added pin information for UPD Dead Battery Interface in section 2.8. 4) Added UPD Strap Options in section 2.9 5) Changed MEC1704 Product Identification to "Industrial Embedded Controller" and MEC1705 Product Identification to "Industrial Embedded Controller with EEPROM Integration" in Product Identification System 6) Changed "VCC" to "VTR" in section 50.2.3 7) Programming voltage corrected to be in the range of 1.52V to 1.60 in section 49.7.1. 8) "Ground" changed to "Discharge" in section 4.4.2 9) Removed "BGND" signal from data sheet. 10) Changed default of GPIO064 to "LRESET#" in section 2.4.1 11) Modified eFuse block in section 49.8. 12) Added note below section in section 46.8.12. 13) Updated IOL and IOH values in Table 50-3. 14) Added Note 16 in section 2.3 15) Removed "RESET_VCC" from table in Table 17-5. 16) Changed bit1 to reserved and added note to customer to change this register to "0" in section 17.11.2. 17) Added characterization information for Industrial part in Table 50-4, Table 50-5, Table 50-6, Table 50-7 and Table 50-11. 18) Added MEC1704 144 WFBGA pinout details in section 2.4.1. 19) Added MEC1704 to the list of supported devices for industrial temperature rating in section 50.1.1. 20) Modified MEC1701 144 pin WFBGA UART to have 2 pin UART in Table 1-1.

Pre Change: Programming voltage - 1.52 volts

Post Change: Programming voltage - 1.60 volts

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 17 Nov 2017

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](#)

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Affected Catalog Part Numbers (CPN)

MEC1701Q-C2-TN-TR
MEC1701Q-C2-TN
MEC1701Q-C2-SZ-TR
MEC1701Q-C2-SZ
MEC1701Q-C1-TN-TR
MEC1701Q-C1-TN
MEC1701Q-C1-SZ-TR
MEC1701Q-C1-SZ
MEC1701K-C2-TN-TR
MEC1701K-C2-TN
MEC1701K-C2-SZ-TR
MEC1701K-C2-SZ
MEC1701K-C1-TN-TR
MEC1701K-C1-TN
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MEC1701H-C1-SZ
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MEC1705H-C2-I/SZ-TR
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