MICROCHIP

Product Change Notification - SYST-06BUYM643

Date:

07 Mar 2019

Product Category:

Memory

Affected CPNs:

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Notification subject:

Data Sheet - AT24C512C - Complete Datasheet

Notification text:

SYST-06BUYM643

Microchip has released a new DeviceDoc for the AT24C512C - Complete Datasheet of devices. If you are using one of these devices please read the document located at AT24C512C - Complete Datasheet.

Notification Status: Final

Description of Change:

1) Updated to the Microchip template and Microchip DS20006161 replaces Atmel document 8720.

2) Corrected tLOW typo from 400 ns to 500 ns and tAA typo from 550 ns to 450 ns.

3) Deleted the AT24C512C-CUMHY-T package options.

4) Updated Part Marking Information.

5) Updated the “Software Reset” section. Added ESD rating.

6) Removed lead finish designation.

7) Updated trace code format in package markings.

8) Updated section content throughout for clarification.

9) Added a figure for “System Configuration Using Two-Wire Serial EEPROMs”.

10) Added POR recommendations section.

11) Updated the SOIC, SOIJ, TSSOP and UDFN package drawings to Microchip format.

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 07 Mar 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):

AT24C512C - Complete Datasheet

Please contact your local Microchip sales office with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

AT24C512C-CUM-T
AT24C512C-CUM-T-834
AT24C512C-CUM-T-923
AT24C512C-CUMEU-T
AT24C512C-MAHM-E
AT24C512C-MAHM-T
AT24C512C-MAHMEU-T
AT24C512C-SHD-B
AT24C512C-SHD-T
AT24C512C-SHDAU-T
AT24C512C-SHM-B
AT24C512C-SHM-T
AT24C512C-SSHD-B
AT24C512C-SSHD-T
AT24C512C-SSHD-T-834
AT24C512C-SSHD-T-899
AT24C512C-SSHDAU-T
AT24C512C-SSHDHB-T
AT24C512C-SSHDNP-B
AT24C512C-SSHDNP-T
AT24C512C-SSHM-B
AT24C512C-SSHM-T
AT24C512C-SSHM-T-989
AT24C512C-SSHMAU-T
AT24C512C-SSHMEU-T
AT24C512C-SSHMGT-T
AT24C512C-SSHMHB-T
AT24C512C-SSHMRVK-T
AT24C512C-U1UM-T
AT24C512C-UUMHC-T
AT24C512C-UUMHC-T-020
AT24C512C-WWU11M
AT24C512C-WWU27M
AT24C512C-WWU27MJG
AT24C512C-WWU6M
AT24C512C-WWU7M
AT24C512C-XHD-B
AT24C512C-XHD-T
AT24C512C-XHDAU-T
AT24C512C-XHDHB-T
AT24C512C-XHM-B
AT24C512C-XHM-T
AT24C512C-XHMAU-T
AT24C512C-XHMEU-T