MICROCHIP

Product Change Notification / SYST-20UDEB922

Date:

24-Aug-2020

Product Category:

USB Hubs

PCN Type:

Document Change

Notification Subject:

Data Sheet - USB7002 4-Port SS/HS USB Type-C PD Smart Hub - Data Sheet

Affected CPNs:

SYST-20UDEB922_Affected_CPN_08242020.pdf
SYST-20UDEB922_Affected_CPN_08242020.csv

Notification Text:

SYST-20UDEB922

Microchip has released a new Product Documents for the USB7002 4-Port SS/HS USB Type-C PD Smart Hub - Data Sheet of devices. If you are using one of these devices please read the document located at USB7002 4-Port SS/HS USB Type-C PD Smart Hub - Data Sheet.

Notification Status: Final

Description of Change: 1) USB Implementation Forum numbering update: "USB 3.1" changed to "USB 3.2"; title modified. 2) Section 3.1, Pin Assignments - Pin reset states added to table 3) Section 9.0, Operational Characteristic Note added following Figure 9-1: "The Power Supply Rise time requirement does not apply if the RESET_N signal is held low during power on and released after power levels rise and stabilize above the power on thresholds, or if the RESET_N signal is toggled after power supplies become stable." 4) Section 9.2, Operating Conditions** • +1.2 V Supply Voltage Rise Time > Increased from 400us to 5ms • +3.3 V Supply Voltage Rise Time > Increased from 400us to 5ms 5) Table 9-3, "I/O DC Electrical Characteristics" Note 4 deleted, replaced with 0.9V in both instances.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 24 Aug 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:

USB7002 4-Port SS/HS USB Type-C PD Smart Hub - Data Sheet

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

Terms and Conditions:

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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.

Affected Catalog Part Numbers (CPN)

USB7002-I/KDX
USB7002-I/KDXV02
USB7002-I/KDXVAO
USB7002/KDX
USB7002T-I/KDX
USB7002T-I/KDXV01
USB7002T-I/KDXVAO
USB7002T/KDX