



Product Change Notification - SYST-22IVVX267

Date:

28 Aug 2019

Product Category:

USB Hubs

Affected CPNs:**Notification subject:**

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

Notification text:

SYST-22IVVX267

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) Section 2.1, General Description: Updated last sentence of the first paragraph for greater clarity
- 2) Document Title: Title modified changing Controller to PD Smart
- 3) Key Benefits on cover: USB Power Delivery Billboard Device Support bullet removed
- 4) Cover: Added TID data
- 5) Table 3-5, Table 3-6: a) Changed PF15 from PRT_CTL3 to PRT_CTL2 b) Changed PF16 from PRT_CTL2 to PRT_CTL3 c) Updated programmable functions descriptions table to match new assigned PRT_CTLx and PRT_CTLx_U3 numbers.
- 6) Section 3.4, Physical and Logical Port Mapping: Added new section with physical and logical port mapping.
- 7) Figure 2-1: Updated internal PHY numbering to match physical port numbering detailed in new Section 3.4, Physical and Logical Port Mapping.
- 8) Figure 4-3, SMBus/I2C Connections: Updated suggested nominal external resistor values. Added note under figure: Resistor values detailed in Figure 4-3 are suggestions. Optimal pull-up values may vary dependent on external factors.
- 9) Section 5.1.5, SMBus Check Stage (SMBUS_CHECK): Updated second sentence: If pull-ups are detected on both pins...

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 28 August 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):

[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.



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Affected Catalog Part Numbers (CPN)

USB7002-I/KDX

USB7002-I/KDXVAO

USB7002/KDX

USB7002T-I/KDX

USB7002T-I/KDXVAO

USB7002T/KDX