



Product Change Notification - RMES-28TSFZ599

Date:

25 Jun 2019

Product Category:

Ethernet Switches

Affected CPNs:**Notification subject:**

Data Sheet - VSC7420/21/22/23/24/25/26/27/28/29

Notification text:

Microchip has released a new DeviceDoc for the 7, 10, 11 Port PHYs and Ethernet Switches. If you are using one of these devices, please refer the document listed below.

Notification Status:

Final

Description of Change:

Design considerations were added to address issues with 1588 out-of-sync and copper ports. MIIM Interface in Slave Mode section was updated with a note.

“The MIIM slave I/F, due to its low bandwidth, is not aimed at supporting or recommended for managed switch applications.”

Below is the list of updated datasheets:

1. VSC7420-02, VSC7421-02, VSC7422-02 - [VSC7420-02, VSC7421-02 and VSC7422-02 SparX-III Datasheet](#)
2. VSC7423-02 - [VSC7423-02 Datasheet](#)
3. VSC7424-02, VSC7425-02, VSC7426-02, VSC7427-02 - [VSC7424-02, VSC7425-02, VSC7426-02, and VSC7427-02 SparX-III Datasheet](#)
4. VSC7428-12 - [VSC7428-12 Datasheet](#)
5. VSC7428-02_VSC7429-02 - [VSC7428-02 and VSC7429-02 Caracal Datasheet](#)

Impacts to Data Sheet:

None

Reason for Change:

To Improve Manufacturability

Change Implementation Status:

Complete

Date Document Changes Effective:

25 June 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):

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.



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Affected Catalog Part Numbers (CPN)

VSC7420XJG-02
VSC7420XJQ-02
VSC7421XJG-02
VSC7421XJQ-02
VSC7422XJG-02
VSC7422XJQ-02
VSC7423XJG-02
VSC7424XJG-02
VSC7425XJG-02
VSC7426XJG-02
VSC7427XJG-02
VSC7428XJG-02
VSC7428XJG-12
VSC7429XJG-02