



Product Change Notification - RMES-28GKLH852

Date:

25 Jun 2019

Product Category:

Ethernet Switches

Affected CPNs:**Notification subject:**

Data Sheet - VSC7430/35/36/37

Notification text:

Microchip has released a new DeviceDoc for the 6, 8 and 10 Port Ethernet Switch with ViSAA[®] and/or VeriTime[®], Integrated DPLL and/or Gigabit Ethernet PHYs.

If you are using one of these devices please read the document located at [VSC7430 Datasheet](#), [VSC7435 Serval-TE Datasheet](#), [VSC7436 Serval-2 Lite Datasheet](#) and [VSC7437 Serval-TE10 Datasheet](#).

Notification Status:

Final

Description of Change:

In connection with the unification of the ServalT chip, it has been decided to make the following change to the data sheet of the carrier SKU's.

- Updated Section 10:** New wording on OAM errata: OAM statistics may be incorrectly maintained during CPU Injection. OAM PDUs carried in an Ethernet frame less than 149 bytes in size are unaffected by this issue and are counted correctly. The following issue description only relates to OAM PDUs carried in an Ethernet frame larger than 148 bytes. When an OAM PDU is processed by a VOE (MEP) at the same time as the CPU injects any kind of traffic into the switch core, the OAM statistics is incorrectly maintained by the processing VOE. The issue has no impact on the OAM dataplane operation with peer MEPs. OAM-LM (Loss Measurements) will run correctly at all times. The issue only relates to maintaining statistics of local significance to the VOE, such as the number of selected and unselected OAM PDUs the processing VOE has transmitted and received. All statistics in the register group VOP: VOE_STAT[VOE] are impacted by this issue.
- Updated Section 7.1.1:** (pins by function) has erroneously been made a subsection of 7.1 Pin Diagram. This is corrected as a separate section.

Impacts to Data Sheet:

None

Reason for Change:

To Improve Manufacturability

Change Implementation Status:

Complete

Date Document Changes Effective:

25 Jun 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)

VSC7430XMT

VSC7435XMT

VSC7436XMT

VSC7437XMT