

Product Change Notification - SYST-10FFDV394

Date:	13 Mar 2017
Affected CPNs:	
Notification subject:	Data Sheet - KSZ9897R - 7-Port Gigabit Ethernet Switch with Two RGMII/MII/RMII Interfaces Data Sheet Document Revision
Notification text:	SYST-10FFDV394

Microchip has released a new DeviceDoc for the KSZ9897R - 7-Port Gigabit Ethernet Switch with Two RGMII/MII/RMII Interfaces of devices. If you are using one of these devices please read the document located at [KSZ9897R - 7-Port Gigabit Ethernet Switch with Two RGMII/MII/RMII Interfaces](#).

Notification Status: Final

Description of Change:

- 1) Added new section 4.1.10, Remote PHY Loopback and section 4.4.5.1, Two Rate Three Color Marker
- 2) Updated section 4.4.5.2 with additional information on Weighted Random Early Detection (WRED).
- 3) Added additional information to end of section and added new subsections on Standard MIIM and MMD registers on section 4.9.3 MIIM Management (MIIM) Interface, Section 4.9.3.1 Standard MIIM Registers (Direct, and Section 4.9.3.2 MDIO Manageable Device (MMD) Registers (Indirect)
- 4) Added new section 5.4, MDIO Manageable Device (MMD) Registers (Indirect).
- 5) Added new register definitions on section 5.2.7.8, Port Police Queue Rate Register through section 5.2.7.14, Port WRED Queue Performance Monitor Control Register
- 6) Updated RGMII timing diagrams and data on section 6.4.1 RGMII Timing
- 7) Updated/Clarified pin buffer type information on Table 1-2 Buffer Types, Table 3-2 Pin Descriptions and Table 6-1 Electrical Characteristics

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 13 March 2017

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): [KSZ9897R - 7-Port Gigabit Ethernet Switch with Two RGMII/MII/RMII Interfaces](#)

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

Terms and Conditions:

If you wish to change your product/process change notification (PCN) profile please log on to our website at <http://www.microchip.com/PCN> sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.

To opt out of future offer or information emails (other than product change notification emails), click here to go to [microchipDIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."

Affected Catalog Part Numbers (CPN)

KSZ9897STXI-TR

KSZ9897STXI

KSZ9897STXC-TR

KSZ9897STXC

KSZ9897RTXI-TR

KSZ9897RTXI

KSZ9897RTXC-TR

KSZ9897RTXC