



Product Change Notification / SYST-14IYHC474

Date:

17-Aug-2020

Product Category:

Ethernet PHYs, Tolerant Devices

PCN Type:

Document Change

Notification Subject:

Data Sheet - VSC8541RT Single Port Gigabit Ethernet Copper PHY with GMII/RGMII/MII/RMII Interfaces

Affected CPNs:

[SYST-14IYHC474_Affected_CPN_08172020.pdf](#)

[SYST-14IYHC474_Affected_CPN_08172020.csv](#)

Notification Text:

SYST-14IYHC474

Microchip has released a new Product Documents for the VSC8541RT Single Port Gigabit Ethernet Copper PHY with GMII/RGMII/MII/RMII Interfaces of devices. If you are using one of these devices please read the document located at [VSC8541RT Single Port Gigabit Ethernet Copper PHY with GMII/RGMII/MII/RMII Interfaces](#).

Notification Status: Final

Description of Change:

- 1) Updated the operating temperature range and CDM. For more information, see "Features".
- 2) Updated the introduction paragraph in the Hardware Mode Strapping and PHY Addressing section. For more information, see Section 5.3, Hardware Mode Strapping and PHY Addressing.
- 3) Updated the VOLTAGE MODE LINE DRIVER section with updated figures. For more information, see Section 5.4.1, Voltage Mode Line Driver.
- 4) Updated the ABSOLUTE MAXIMUM RATINGS table. For more information, see Table 8-1.
- 5) Updated the CURRENT CONSUMPTION and CURRENT CONSUMPTION (VDDMAC) tables. For more information, see Table 8-12.
- 6) Updated the THERMAL SPECIFICATIONS section. For more information, see Section 9.1.2, Thermal Specifications
- 7) Updated the THERMAL SPECIFICATIONS section. For more information, see Section 9.2.2, Thermal Specifications

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 17 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:

VSC8541RT Single Port Gigabit Ethernet Copper PHY with GMII/RGMII/MII/RMII Interfaces

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

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Affected Catalog Part Numbers (CPN)

VSC8541WZBRT-E

VSC8541WZBRT-SV

VSC8541XMV-01

VSC8541XMV-02

VSC8541XMV-04

VSC8541XMV-05

VSC8541XMVRT-ENG