MICROCHIP

Product Change Notification / SYST-14XUWQ270

Date:

17-Aug-2020

Product Category:

Ethernet PHYs, Tolerant Devices

PCN Type:

Document Change

Notification Subject:

Data Sheet - VSC8540RT Single Port Fast Ethernet Copper PHY with RGMII/MII/RMII Interfaces

Affected CPNs:

SYST-14XUWQ270_Affected_CPN_08172020.pdf
SYST-14XUWQ270_Affected_CPN_08172020.csv

Notification Text:

SYST-14XUWQ270

Microchip has released a new Product Documents for the VSC8540RT Single Port Fast Ethernet Copper PHY with RGMII/MII/RMII Interfaces of devices. If you are using one of these devices please read the document located at VSC8540RT Single Port Fast Ethernet Copper PHY with 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 VOLTAGE MODE LINE DRIVER section with updated figures. For more information, see Section 5.4.1, Voltage Mode Line Driver.
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:

VSC8540RT Single Port Fast Ethernet Copper PHY with RGMII/MII/RMII Interfaces

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

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