

Product Change Notification - SYST-26MGXX529

Date:

27 Apr 2018

Product Category:

Ethernet PHYs

Affected CPNs:**Notification subject:**

Data Sheet - LAN8820/LAN8820i RGMII 10/100/1000 Ethernet Transceiver with HP Auto-MDIX Suppo Data Sheet Document Revision

Notification text:

SYST-26MGXX529

Microchip has released a new DeviceDoc for the LAN8820/LAN8820i RGMII 10/100/1000 Ethernet Transceiver with HP Auto-MDIX Suppo of devices. If you are using one of these devices please read the document located at [LAN8820/LAN8820i RGMII 10/100/1000 Ethernet Transceiver with HP Auto-MDIX Suppo](#).

Notification Status: Final

Description of Change: 1) Updated bit 14 description of 10/100 Special Modes Register and clarified default value: 0 = Enable operational loopback 1 = Disable operational loopback* *Modern implementations of the MAC require this bit be set to 1b for 10BASE-T half duplex communication. Legacy implementation of the MAC may require this bit be set to 0b for 10BASE-T half duplex communication. This bit affects only 10BASE-T half duplex PHY mode. This bit may be set to either 0b or 1b with no affect on 10BASE-T full duplex, 100BASE-TX, or 1000BASE-T PHY operation.

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 27 Apr 2018

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):

[LAN8820/LAN8820i RGMII 10/100/1000 Ethernet Transceiver with HP Auto-MDIX Suppo](#)

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

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Affected Catalog Part Numbers (CPN)

LAN8820-ABZJ

LAN8820-ABZJ-TR

LAN8820I-ABZJ

LAN8820I-ABZJ-TR