

Product Change Notification - SYST-14WOHY819

Date:

15 Jan 2019

Product Category:

Ethernet PHYs

Affected CPNs:**Notification subject:**

Data Sheet - KSZ8061RNB/RND 10BASE-T/100BASE-TX Physical Layer Transceiver

Notification text:

SYST-14WOHY819

Microchip has released a new DeviceDoc for the KSZ8061RNB/RND 10BASE-T/100BASE-TX Physical Layer Transceiver of devices. If you are using one of these devices please read the document located at [KSZ8061RNB/RND 10BASE-T/100BASE-TX Physical Layer Transceiver](#).

Notification Status: Final

Description of Change: 1) Table 2-1, "Signals": Corrected the measurement unit, from Ohm to kOhm (in symbol) of the resistor that should be connected to the REXT pin to ground. 2) Table 3-5, "Typical SQI values": Corrected a text ("SQL" to "SQI") in the column title. 3) Table 4-3, "Standard Register Description": Updated the description of RX PHY Latency Address, Register 18h - Expanded Control. Updated the description of Force Link, Register 1Fh - PHY Control 2. 4) Table 9-1, "25 MHz Crystal/Reference Clock Selection Criteria": Added a new row for Crystal Drive Level. 5) Figure 1-1, "System Block Diagram": Corrected the arrows for INTRP and SIGNAL DETECT lines. 6) Figure 9-1, "KSZ8061RNB 25-MHz Crystal/Oscillator Reference Clock Connection": Removed the 22 pF values on the capacitors. 7) Figure 10-1, "KSZ8061RND 50-MHz Clock Connection": Added frequency tolerance of ± 50 ppm to the figure. 8) RMIIBack-to-Back Mode on page 14: Removed the "Back-to-Back mode - 100 Mbps Repeater" section title and moved the contents to "RMIIBack-to-Back mode" section. 9) LinkMD® Cable Diagnostics on page 19: Updated the fourth step under Step 1, and the third step under Step 2. Added a new paragraph. 10) LinkMD®+ Enhanced Diagnostics: Receive Signal Quality Indicator on page 20: Updated the last sentence of the first paragraph to say "environmental EM noise." 11) Operating Conditions** on page 38: Added a temperature value for TA, Industrial. 12) Reference Clock Connection - KSZ8061RND on page 48: Updated the third sentence of the first paragraph. 13) Magnetic - Connection and Selection on page 49: Added this section.

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 15 Jan 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):

[KSZ8061RNB/RND 10BASE-T/100BASE-TX Physical Layer Transceiver](#)



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

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Affected Catalog Part Numbers (CPN)

KSZ8061RNBV

KSZ8061RNBV-TR

KSZ8061RNBW

KSZ8061RNBW-TR

KSZ8061RNDV

KSZ8061RNDV-TR

KSZ8061RNDW

KSZ8061RNDW-TR