



Product Change Notification / SYST-19BTMG606

Date:

24-Jan-2024

Product Category:

Ethernet PHYs

PCN Type:

Document Change

Notification Subject:

Data Sheet - LAN8650/1 10BASE-T1S MAC-PHY Ethernet Controller with SPI Datasheet

Affected CPNs:

[SYST-19BTMG606_Affected_CPN_01242024.pdf](#)
[SYST-19BTMG606_Affected_CPN_01242024.csv](#)

Notification Text:

SYST-19BTMG606

Microchip has released a new Datasheet for the LAN8650/1 10BASE-T1S MAC-PHY Ethernet Controller with SPI Datasheet of devices. If you are using one of these devices please read the document located at [LAN8650/1 10BASE-T1S MAC-PHY Ethernet Controller with SPI Datasheet](#).

Notification Status: Final

Description of Change:

- Figure 2-1 Correcting duplicate MAC TX to MAC RX
- Tables 3-3, 3-5 Clarifying which power supply pull-ups should connect to
- Figure 4-7 Replacing with correct diagram
- 4.5.4.2 Correcting DIOMUX register reference to PADCTRL
- Figure 8-5 Fix typo in power sequencing diodes, 1.8Vs

Table 9-2	Add footnote limiting junction temperature to 135°C
11.5	Added SQI Configuration 2 (SQICFG2) register
11.6.52	Correcting Phase Adjuster Error from bit 30 to 29

Impacts to Data Sheet: See above details.

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 24 Jan 2024

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:

[LAN8650/1 10BASE-T1S MAC-PHY Ethernet Controller with SPI Datasheet](#)

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

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