

PRODUCT CHANGE NOTICE

- Major change
 Minor change

Affected product: ATS9371 serial number S860861 or later

PCN #: PCN-9371-001

Packaging

PCN Date: 18-Nov-2024

Part

Effective Date: 18-Nov-2024

Product mark

Other

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Attachment: Yes No

DESCRIPTION AND PURPOSE OF CHANGE:

PCB version change to 1.9 to include PCIe redrivers.

AlazarTech discovered that some server boards, such as Supermicro X11DPG-QT, do not meet PCIe QoS (Quality of Signal) specifications.

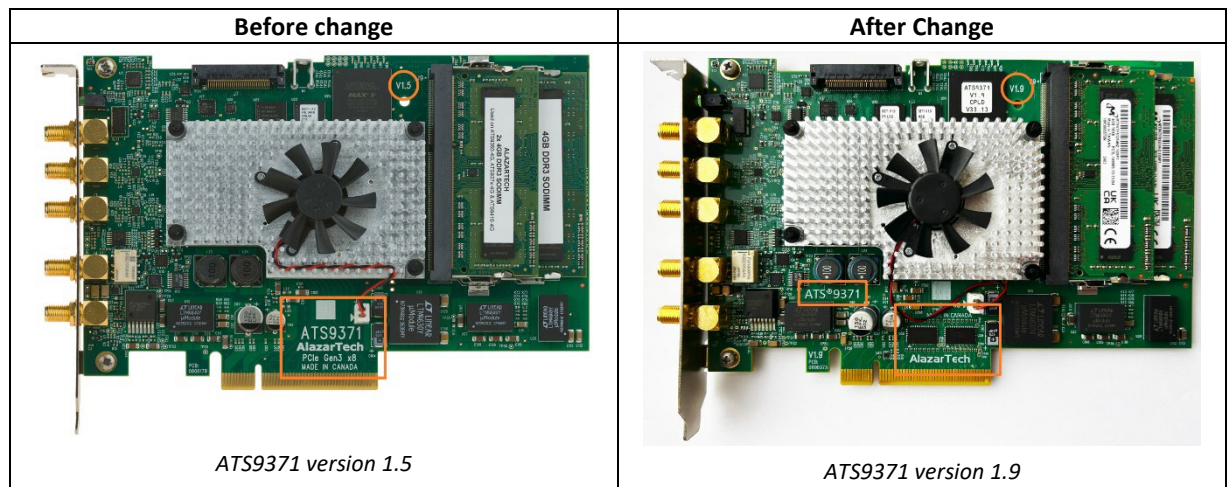
To allow customers to use ATS9371 boards with such motherboards, we added PCIe redrivers. These redrivers reconstruct the transceiver signals and have no detrimental effect on interoperability with in-specification motherboards.

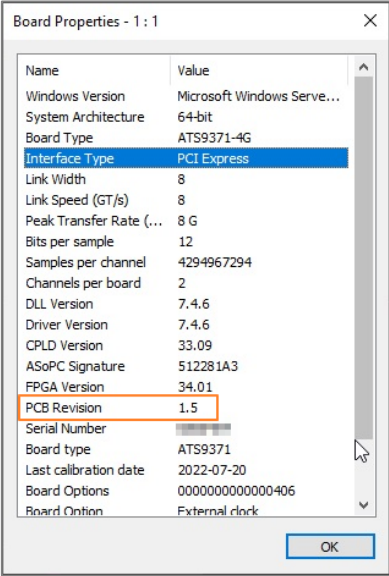
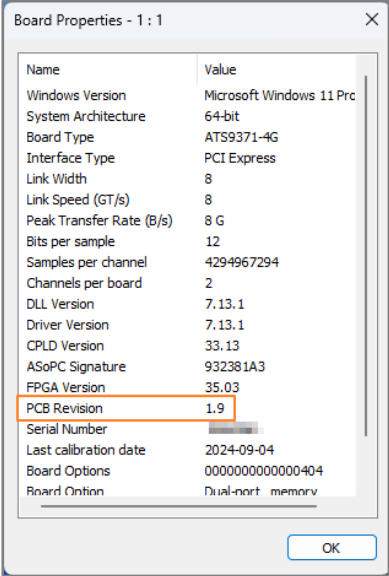
Power consumption of these redrivers is in the order of a few hundred milliWatts, so there is negligible impact on power consumption.

PCB version 1.5 boards without redrivers will continue to ship until stock is depleted; these boards work with the vast majority of motherboards and server boards without issue.

DETAIL OF CHANGE:

Addition of redrivers on the PCB required moving the product name to the left. The PCB version number has changed to 1.9, as seen at the top of the board (to the left of the SODIMM). The PCB version number can also be found in AlazarDSO (for Windows) by pressing F4 to display the Board Properties. In Linux, use the [AlazarGetBoardRevision](#) API function to get the PCB version number.



Before change	After Change
 <p><i>AlazarDSO Board Properties <F4> for ATS9371 v1.5</i></p>	 <p><i>AlazarDSO Board Properties <F4> for ATS9371 v1.9</i></p>

RELIABILITY/QUALIFICATION SUMMARY:

Product approval is according to the specification and is internally released by the Product Management Department.

DOCUMENTATION CHANGES:

Specifications: Yes No 2D Drawings: Yes No
 Hardware manual: Yes No 3D Models: Yes No
 SDK manual: Yes No