

eVision Systems GmbH announces innovative PCIeGen3/4 Protocol Analyzer from Prodigy Technovations

Forstinning (Germany), November 09, 2022 - eVision Systems GmbH, authorized Prodigy Technovations distributor for Central Europe, announced its PGY-PCIeGen3/4-PA PCIe Protocol Analyzer supporting 2.5, 5.0, 8.0 and 16GT/S speeds. PCIeGen3/4 Protocol Analyzer can be used for the development and validation of PCIe interface for M.2, U.2, and Embedded interfaces. Engineers in mobile, automotive, and 5G networks use this product to debug the protocol layer design problems in PCIe. PGY-PCIeGen3/4-PA provides the industry's best solution to simultaneously monitor and decode PCIe Traffic at 2.5GT/S to 16GT/s and supports protocol decode and analysis of TS1, TS2, DLLP, and TLP packets. Detailed LTSSM view is provided to help the designers to see PCIe state machine transitions.

PGY-PCIeGen3/4-PA Software does the industry's best decoding and analysis of deep memory PCIe traffic, saving debug time. Designers can quickly select and view the parameter of interest in the TS1, TS2, DLLP or TLP packet. Separate decode and analysis view of configuration packets exchanged between root complex and end point. Current generation Software GUI with multiple floating windows and flexibility to view the required packet content makes it easy to debug the design issues with flexibility to hide and unhide the columns. LTSSM Analysis in software provides graphical representation of different states of protocol layer along with substate information.

PGY-PCIeGen3/4-PA Protocol Analyzer provides 64GB memory depth to capture the x4 link traffic. PCIe Protocol Analyzer supports trigger on content of the protocol packets and if-then-elseif multi-level trigger capability. This enables engineers to capture protocol details around the trigger condition and monitor PCIe bus over long period of time. Circular buffer feature enables user to view last traffic prior to stop acquisition condition.

Key Features of PGY-PCIeGen3/4-PA PCIe Gen3/4 Protocol Analyzers

- Simultaneous Protocol analysis of 2.5, 5, 8, and 16GT/S Protocol Traffic
- Acquisition memory management to capture protocol traffic using trigger, segmented memory, circular buffer, and hardware filters
- Responsive software to analyze long captures with LTSSM view
- Active M.2, U.2 interposers and Solder down and custom probing Solutions
- Simple and advanced Trigger based on TS1, TS2, DLLP, and TLP Protocol packet content
- Powerful search and Filter capability

Prices and availability

The PCIeGen3/4 Protocol Analyzer is available. Further information on prices at this contact:

sales@evision-systems.de

Press contact:

eVision Systems GmbH

Jahnstr. 12

D – 85661 Forstinning b. München

Josef Ostermeier

Tel: 08121-2208-25

jostermeier@evision-systems.de

Website: www.evision-systems.de

Measurement Online Store: www.evision-webshop.de

Video Online Store: www.evision-systems-video.com

About eVision Systems GmbH

eVision Systems GmbH supports companies targeting the development of microelectronics, with a substantial portfolio of measuring- and testing equipment, electronic design automation (EDA) development tools and services.

Since we founded eVision Systems GmbH, it has always been the goal to help young, innovative companies to enter the Central European market. It is common to all their products that the technology is unique, that they are more than an alternative to established solutions and that they enhance and complement existing design flows. Safety in the design, reusability and increased productivity as a result, are the success factors for their customers.

Acceleration of the simulation and verification of complex designs through formal verification, HDL simulation, Linting and Code Coverage are a few of the topics they are addressing with these emergent and trend setting products.

Together with [ALDEC](#), [Agnisys](#), [AIVION](#), [Atten](#), [Dediprog](#), [Empyrean](#), [Ikalogic](#), [Passmark Software](#), [PEmicro](#), [Prodigy Technovations](#), [Sigasi](#), [Siglent](#), and [Total Phase](#) we work with customers throughout Europe.

You can find more information on our website: www.evision-systems.de or on our online shop www.evision-webshop.de.

About Prodigy Technovations

Prodigy Technovations Pvt Ltd (www.prodigytechno.com) is the leading provider of innovative protocol analysis solutions for mainstream and emerging technologies such as eMMC, SD, SDIO, UHS II, I3C, RFFE, SPMI, we provide Protocol Decode, and PHY layer testing solutions on Test & Measurements equipment's. The company's ongoing efforts include successful implementation of innovative and comprehensive protocol Analysis solutions using latest hardware technologies.