

eVision Systems Announces a New Revolutionary Cross Protocol & Logic Analyzer for Embedded Systems from Prodigy Technovations

- Simultaneous logic and protocol analysis of UART, SPI and I2C
- Debugging on circuit and system level
- Log activity with timestamp information

Forstinning (Germany), 01. December 2020 – eVision Systems GmbH authorized Prodigy Technovations distributor for Central Europe announces a revolutionary cross-protocol analyzer and logic analyzer. The PGY-LA-EMBD enables engineers to solve timing problems while performing protocol analysis of I2C, SPI, and UART interfaces in embedded designs. The Cross Protocol Analyzer is the industry's first 1GS/s timing analysis, 100MHz state analysis capable 10-channel logic analyzer with simultaneous I2C, SPI, and UART protocol analysis.

IoT, healthcare, consumer electronics, industrial automation are driving the growth of embedded designs. These are becoming more complex and offer more and more software content, edge computing, and artificial intelligence to meet the ever-increasing demands. The biggest challenge embedded design teams face today is the high integration between hardware and software, meaning that system-level functions must also work correctly.

There is a need to simultaneously monitor the embedded interfaces I2C, SPI, and UART to observe the operation on the system level. Currently, however, developers must use several test devices in sequential order to verify their embedded designs. This leads to more extended design validation, verification, and test cycles. By integrating I2C, SPI, and UART into a single application, the PGY-EMBD Cross Logic & Protocol Analyzer is the ideal tool for developing or debugging an embedded design.

Key Features of PGY-LA-EMBD Logic Analyzer for Embedded Interfaces

- 1GS/s Timing Analysis-enables Glitch analysis of a 2ns glitch.
- 100MHz State Analysis
- 10 Channel Logic Analyzer
- Simultaneous I2C, SPI and UART protocol decode capability.
- Powerful trigger capabilities enable capturing data at specific events
- Smart Continuous streaming of data enables long duration capture and analysis.

Pricing and Availability

The PGY-LA-EMBD is now orderable. The Prodigy Technovations products are available in the eVision Systems online shop: <https://evision-webshop.de/Prodigy-PGY-LA-EMB-Cross-Protocol-Logic-Analyzer>.

Pricing and availability info via email: sales@evision-systems.de

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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](#), [Dediprog](#), [Micron Advanced Computing Solutions](#), [One Spin Solutions](#), [Passmark](#), [PEmicro Computer Systems](#), [Prodigy Technovations](#), [Sigasi](#) und [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 (www.prodigytechno.com) is the leading provider of innovative protocol analysis solutions for mainstream and emerging technologies. We provide Protocol Decode, and PHY layer testing solutions on Test & Measurements equipment's. Prodigy Technovations is member of Open Alliance, MIPI, JEDEC, SD Association, and PCIe associations. It is actively involved in working with industry leaders and redefining the protocol analysis for mainstream and emerging interfaces.