



ASIC Architect Announces the Availability of AMBA 2 AHB to PCI Express Bridge

ASIC Architect strengthens its position in the high end ASIC/SoC market.

Santa Clara, CA ([PRWeb](#)) August 29, 2007 -- ASIC Architect, Inc. today announced the availability of AMBA® 2 AHB™ to PCI Express bridge product for PCI Express controllers. The solution product has passed PCI Express Compliance and Interoperability testing in PCI-SIG compliance workshop. This solution enables SoC designers to plug-in PCI Express Controller Core into AMBA 2 AHB system bus. This directly leads to low design implementation risk.

ASIC Architect is a high-speed controller solutions company. The company's portfolio of high end products includes PCI Express, DDR and SATA controller cores. The cores provide logic solution targeted for wireless, handheld, consumer, telecommunication and networking markets.

"Averant is excited to partner with ASIC Architect," said Ramin Hojati, president of Averant. "The majority of bugs in IP are found at the interfaces; working with ASIC Architect to verify plug-and-play for AMBA bus protocols is important for everyone in the design chain."

ASIC architect uses best in class test and measurement equipments to verify its intellectual property products. ASIC architect has made a significant investment in its comprehensive verification/compliance testing methodology to make sure our customers get the first time silicon success.

"We are excited to partner with ASIC Architect in providing a vertical logic solution to our common customers," said John Wiedemeier, product marketing manager at LeCroy "The powerful debugging features of LeCroy's PCI Express analyzer along with SpekChek, our advanced compliance tool, help both our customers bring silicon level solutions quickly to the market."

"AMBA 2 AHB bridge for the silicon proven PCI Express Controller is the newest addition to the company's solution portfolio of intellectual property products. Similar to our other products, this solution is very well architected for bridging solution to meet the high speed requirement of connecting AMBA 2 AHB to PCI Express," says Kishore Mishra, President and CEO of ASIC Architect, Inc. "The architecture considers several critical areas of System-on-Chip design that includes dynamic root or endpoint mode support, clocking, reset, power management, dma and interrupt handling. This clearly demonstrates the company's commitment to bring in state-of-the-art solutions to the industry."

Earlier, the company had successfully launched PCI Express Controller with AMBA 3 AXI Interface. Similar to the AXI to PCI Express Bridge, this product provides a tightly integrated solution to connect AMBA AHB to PCI Express Controller Cores. This is a configurable, high performance and scalable solution that enables the user to choose different data-path widths and other performance enhancement configurations.

About ASIC Architect Products and Services:

SIC Architect, Inc. is a high speed interface controller and solution company based in Santa Clara, California and



Bhubaneswar, India. The company strives to provide high quality products, support and services to its clients world-wide and it's this focus that translates into high quality of our products and services. Currently, the company has products and services in PCI Express, DDR, SATA Controllers area. In addition to the main products, the company also provides peripheral cores for its main core products in order to accelerate chip-level integration and shorten time to market. ASIC Architect's products and services are targeted and tailored towards networking, storage, wireless and consumer product markets. For more information, please visit www.asic-architectinc.com

About Averant Products and Services:

Averant Inc., founded in 1997, is a privately held EDA firm pioneering new methodology and technologies for static formal verification. Averant's flagship product is Solidify, a robust formal verification engine that provides the basis for property-based design verification, protocol verification, and automatic design checks -- all without the need for simulators or test vectors. These tools are easily adopted into the design flow, and help improve quality, reduce risk, and speed the design process. For more information, see our web site at <http://www.averant.com>

About LeCroy Products and Services:

LeCroy Corporation is a worldwide leader in serial data test solutions, creating advanced instruments that drive product innovation by quickly measuring, analyzing, and verifying complex electronic signals. The Company offers high-performance oscilloscopes, serial data analyzers, and global communications protocol test solutions used by design engineers in the computer and semiconductor, data storage device, automotive and industrial, and military and aerospace markets. LeCroy's 40-year heritage of technical innovation is the foundation for its recognized leadership in "WaveShape Analysis" -- capturing, viewing, and measuring the high-speed signals that drive today's information and communications technologies. LeCroy is headquartered in Chestnut Ridge, New York. Company information is available at www.lecroy.com.

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Contact Information

Indrani Mohanty

ASIC Architect, Inc.

<http://www.asic-architectinc.com>

408-247-9931

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