Cambricon Selects Synopsys HAPS for Next-Generation Artificial Intelligence Processor Product

MOUNTAIN VIEW, Calif., May 3, 2018 /PRNewswire/ -- Synopsys, Inc. (Nasdaq: SNPS), today announced that Cambricon, a global leader in intelligent processors, had adopted Synopsys' HAPS$^®$ prototyping solution for their artificial intelligence processor product. HAPS-80 delivers the performance, capacity, and scalability needed to enable Cambricon and their customers to accelerate their software development and system validation tasks.

"As the complexity of intelligent processor increases, and the need for software co-verification increases, we require a high-performance prototyping solution to perform real-world validation," said Tianshi Chen, CEO of Cambricon. "Synopsys' HAPS-80 delivers the performance and scalability required to execute complex software tests and perform real-world interface testing, enabling us to accelerate delivery of our intelligent processor product to our customers and allowing our customers to develop software ecosystems and solutions on our intelligent platform in advance."

HAPS-80 is focused on accelerating the entire verification and software development cycle and enabling faster time-to-market. The software development and system validation of Cambricon's new Cloud Smart Chip released in Shanghai was accelerated by HAPS-80. With HAPS' remote access capability, Cambricon software developers can continuously run software tests. HAPS' high performance combined with its fast bring-up and debug capabilities enables Cambricon to maximize execution of test cycles and accelerate delivery of its artificial intelligence processor product.

"The development of emerging fields requires a high-performance prototyping solution to validate the function and performance of the SoCs," said Magic Ge, Synopsys vice president and China Country Manager. "With the increasing demand for cloud computing and data centers for computing power, Cambricon launches a new generation of cloud computing solutions to enhance cloud computing performance. We will continue our close collaboration with Cambricon to deliver advanced prototyping hardware and software to accelerate system validation, resulting in faster time-to-market for a new generation of intelligent processors for our customers."

About Synopsys

Synopsys, Inc. (Nasdaq: SNPS) is the Silicon to Software$^™$ partner for innovative companies developing the electronic products and software applications we rely on every day. As the world's 15th largest software company, Synopsys has a long history of being a global leader in electronic design automation (EDA) and semiconductor IP and is also growing its leadership in information security and software quality solutions. Whether you're a system-on-chip (SoC) designer creating advanced semiconductors, or a software developer writing applications that require the highest security and quality, Synopsys has the solutions needed to deliver innovative, high-quality, secure products. Learn more at www.synopsys.com.

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