Synopsys Ships More Than 3,000 HAPS-80 Prototyping Systems

HAPS-80's High Performance and Cost Effectiveness Has Driven Adoption by More Than 100 Companies

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Synopsys, Inc. (Nasdaq: SNPS) today announced that it has shipped more than 3,000 HAPS®-80 prototyping systems since its introduction. HAPS-80 is deployed at more than 100 companies worldwide, including nine of the top 10 semiconductor companies, to accelerate software development and system validation across a wide range of consumer, wired and wireless communications, industrial, AI, and computing/storage applications. These companies selected HAPS-80 due to its high performance and cost effectiveness. HAPS-80 offers proven scalability, including deployment in data centers, a rich catalog of real-world I/O interfaces, and a tool set leveraging 20+ years of FPGA synthesis technology leadership.

"MediaTek is a leader in advanced 5G modems," said Gauss Lin, head of LRM at MediaTek, "Verifying our advanced 4G/5G architectures and protocol software requires scalable and high-performance prototyping. Synopsys' HAPS-80 allows us to deliver cost-effective prototypes to our 5G software and system validation teams that include our interface daughterboards and connect to 5G protocol testers. With the HAPS-80 software stack we are achieving between 5MHz to more than 100MHz performance."

For more HAPS success stories, click here to read quotes from ISSI, Kalray, and Novatek.

With more than 3,000 units shipped, HAPS-80 is the proven choice for accelerating software development and system validation. In addition, HAPS system's rich ecosystem of Synopsys DesignWare® IP and HAPS Connect daughtercards supports a broad set of industry standard protocols such as USB, PCI Express®, Ethernet, and others, making HAPS the most versatile prototyping solution on the market. HAPS systems are available in various sizes, enabling designers to quickly assemble prototypes to meet project needs, as well as leverage the same hardware investment over many projects.

"The demand for high-performance prototyping for early software development and system validation has exceeded our expectations," said Tom De Schutter, vice president of engineering in the Verification Group at Synopsys. "This significant milestone demonstrates how our customers are benefitting from cost-effective HAPS prototyping to verify increasingly complex designs and accelerate time-to-market."

Availability

HAPS-80 FPGA-based prototyping system is available now.

Additional Resources

For more information on HAPS-80 please visit: https://www.synopsys.com/verification/prototyping/haps/haps-80.html

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 software security and 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.

Editorial Contacts
James Watts
Synopsys, Inc.
650-584-1625
jwatts@synopsys.com

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