iCatch Technology Selects Synopsys' DesignWare IP Portfolio for Digital Video and Image SoCs

High-Quality IP Combined with Synopsys' HAPS-70 FPGA-Based Prototyping System and Professional Services Accelerate Time-to-Market

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Highlights:

- Broad portfolio of widely used Synopsys DesignWare IP, including USB, DDR, HDMI, Data Converter and Audio Analog Codec IP lowers integration risk
- Synopsys' HAPS-70 FPGA-based prototyping system accelerates software development, hardware/software integration and system validation
- Trusted, experienced design consultants and DDR hardening services help meet aggressive area, power and time-to-market goals

Synopsys, Inc. (Nasdaq:SNPS), today announced that iCatch Technology has selected Synopsys' portfolio of silicon-proven DesignWare® IP, scalable FPGA-based prototyping system and trusted professional design services for its digital video and image system-on-chip (SoC). They adopted the silicon-proven DesignWare USB 2.0 picoPHY, Gen 2 DDR multiPHY and Controllers, HDMI 2.0 TX PHY, Data Converter and Audio Analog Codec IP. iCatch also adopted Synopsys'HAPS®-70 FPGA-based prototyping system for faster IP prototyping and to enable early hardware/software integration and system validation. iCatch is turning to Synopsys professional design services to meet their area, power and time-to-market requirements.

"As a leading provider of SoCs for the digital video and image industry, iCatch is committed to providing products that deliver innovative features while meeting cost, quality and performance requirements," said Tek Wei, executive vice president at iCatch Technology. "We have designed more than forty SoCs to address digital still, action and automotive cameras, with more than 200 million SoCs shipped since our inception. For our next- generation SoC supporting 4K Ultra HD video encoding, we selected Synopsys because of its unmatched portfolio of silicon-proven IP, HAPS prototyping systems and design consultants with extensive physical implementation experience. This combination provided us the lowest risk path to meeting our project schedules and delivering differentiated products to our customers."

"As iCatch develops their next-generation SoCs for digital video and image applications, they are relying on Synopsys to provide trusted IP, prototyping and design consulting solutions that help them quickly incorporate the necessary functionality and accelerate their time-to-market," said John Koeter, vice president of marketing for IP and prototyping at Synopsys. "As a leading IP provider for more than two decades, Synopsys continues to provide designers with high-quality IP solutions that help them achieve silicon success and deliver innovative products to the market."

Availability

Synopsys' DesignWare USB, DDR, HDMI, Data Converter and Audio Analog Codec IP, as well as HAPS-70 FPGA-based prototyping systems are available now. Synopsys SoC integration, verification and implementation consulting services including DDR hardening are also available now.

About DesignWare IP

Synopsys is a leading provider of high-quality, silicon-proven IP solutions for SoC designs. The broad DesignWare IP portfolio includes logic libraries, embedded memories, embedded test, analog IP, wired and wireless interface IP, security IP, embedded processors and subsystems. To accelerate prototyping, software development and integration of IP into SoCs, Synopsys' IP Accelerated initiative offers IP prototyping kits, IP software development kits and IP subsystems. Synopsys' extensive investment in IP quality, comprehensive technical support and robust IP development methodology enables designers to reduce integration risk and accelerate time-to-market. For more information on DesignWare IP, visit http://www.synopsys.com/designware.

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 16th 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 quality and security solutions. Whether you're a system-on-chip (SoC) designer creating advanced semiconductors,

or a software developer writing applications that require the highest quality and security, Synopsys has the solutions needed to deliver innovative, high-quality, secure products. Learn more at www.synopsys.com.

Editorial Contacts:
Monica Marmie
Synopsys, Inc.
650-584-2890
monical@synopsys.com

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