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Rambus Signs License Agreement With Idaho Scientific

DPA countermeasures to strengthen the security of Idaho Scientific anti-tamper solutions

SUNNYVALE, Calif.--(BUSINESS WIRE)-- [Rambus Inc.](#) (NASDAQ:RMBS) today announced it has signed an agreement with Idaho Scientific, LLC to license its Differential Power Analysis (DPA) countermeasures for use in Idaho Scientific's security IP Cores for FPGAs and defense ASICs. Through this agreement, Idaho Scientific's customers, which include many of the world's largest defense contractors, will gain access to advanced DPA countermeasures, safeguarding the data integrity of applications requiring a high level of security.

"By incorporating Rambus' technology into our IP cores, we provide our customers access to premier solutions that are immune to DPA attacks," said Dale Reese, president of Idaho Scientific. "The Rambus DPA countermeasures enhance the efficiencies of our FPGA and ASIC encryption cores, which are especially critical to our aerospace and defense customers."

DPA countermeasures, developed by Rambus Cryptography Research, consist of a broad range of software, hardware, and protocol techniques that protect devices from side-channel attacks. DPA is a type of side-channel attack that monitors variations in the electrical power consumption or electro-magnetic emissions from a target device. These measurements can then be used to obtain cryptographic keys and other sensitive information from semiconductors.

"Today's leading aerospace and defense companies are looking for solutions to counter the increasing threat of side-channel attacks," said Dr. Martin Scott, general manager of the Rambus Security Division. "Broader and faster adoption of DPA countermeasures in the FPGA ecosystem will ensure that components are insulated from these types of vulnerabilities. Idaho Scientific has the ability to rapidly deliver solutions based on our DPA countermeasures that will bring significant benefits to the industries they serve, where safety and security are a top priority."

About Rambus Security Division

The Rambus Security Division is dedicated to providing a secure foundation for a connected world. Integrating technologies from Cryptography Research, Bell ID and Ecebs, our innovative solutions span areas including tamper resistance, content and media protection, network security, mobile payment, smart ticketing, and trusted transaction services. Our technologies protect nearly nine billion licensed products annually, providing secure access to data and creating an economy of digital trust between our customers and their customer base. Additional information is available at rambus.com/security.

About Rambus Inc.

Rambus creates cutting-edge semiconductor and IP products, spanning memory and interfaces to security, smart sensors and lighting. Our chips, customizable IP cores, architecture licenses, tools, services, software, training and innovations improve the competitive advantage of our customers. We collaborate with the industry, partnering with leading ASIC and SoC designers, foundries, IP developers, EDA companies and validation labs. Our products are integrated into tens of billions of devices and systems, powering and securing diverse applications, including Big Data, Internet of Things (IoT), mobile, consumer and media platforms. At Rambus, we are makers of better. For more information, visit rambus.com.

About Idaho Scientific, LLC.

Idaho Scientific is a provider of security, cryptography, and anti-tamper IP cores to many of the world's largest defense contractors. The threats facing our nations tactical and critical infrastructure evolve rapidly. To combat these threats, Idaho Scientific maintains cutting edge research through internal and government sponsored programs. The technologies developed under these efforts are matured, tested, and deployed within our nation's most critical systems. In addition to IP offerings, Idaho Scientific provides anti-tamper and cyber security engineering services. As subject matter experts, Idaho Scientific works with customers to evaluate system vulnerabilities, design countermeasures, and deploy solutions. For more information, visit www.idahoscientific.com.

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