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## Rambus Cryptography Research Extends License Agreement with NAGRA

*DPA countermeasures enhance the security of digital TV offerings*

SUNNYVALE, Calif.--(BUSINESS WIRE)-- Rambus Inc. (NASDAQ:RMBS) today announced it has extended the license agreement with NAGRA, a digital TV division of the Kudelski Group (SIX:KUD.S) and the world's leading independent provider of content protection and multiscreen television solutions, for the use of its Differential Power Analysis (DPA) countermeasures in selected NAGRA digital TV offerings.

"NAGRA has shown that security is a top priority and protection against side channel attacks is an important component of their solutions," said Dr. Martin Scott, general manager of the Rambus Security Division. "We are pleased to extend our DPA countermeasures agreement with NAGRA, enabling the integration of this technology in some of their broadcast platforms that deliver premium entertainment to their customers."

DPA countermeasures consist of a broad range of software, hardware, and protocol techniques that protect tamper-resistant 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.

### About Rambus Security Division

The Rambus Security Division is dedicated to providing a secure foundation for a connected world. Our innovative technologies span areas including tamper resistance, content and media protection, network security, secure payment, smart ticketing, and transaction services. Our technologies protect nearly nine billion licensed products annually, providing secure access to data and creating invaluable trust between our customers and their customer base. Additional information is available at [rambus.com/security](http://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, 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](http://rambus.com).

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