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## **Sigma Designs to select the Cryptography Research CryptoFirewall Security Core for Next Generation System-on-Chip Solutions**

SAN FRANCISCO--(BUSINESS WIRE)-- **IBC 2012** — Cryptography Research, Inc. (CRI), a division of Rambus Inc. (NASDAQ:RMBS) and Sigma Designs (NASDAQ: SIGM), a leading provider of System-on-Chip (SoC) solutions for home entertainment connectivity and control, today announced that Sigma Designs will collaborate with CRI to integrate the CRI CryptoFirewall™ security technology into its multimedia set-top box (STB) system-on-a-chip (SoC) solutions. The advanced CryptoFirewall security core will help Sigma Design provide its customers with the ability to provide robust hardware security in their digital entertainment solutions.

"Sigma Designs is committed to secure delivery of high value content on broadcast, IPTV and OTT platforms. Operators and STB OEMs benefit from Sigma's Secure Media Processor (SMP) architecture that includes secure hardware accelerated implementations of CAS and DRM systems," said Waheed Rasheed vice president of product marketing at Sigma Designs. "Cryptography Research's CryptoFirewall technology is an important addition to our advanced hardware security architecture."

"Sigma Designs is a leader in developing SoCs for digital entertainment and home control, which are industries that place a very high value on security," said Paul Kocher, president and chief scientist at Cryptography Research. "We are delighted to be working with Sigma Designs to provide customers with effective solutions for protecting digital content against piracy."

The CryptoFirewall core is a self-contained ASIC security core which provides a secure hardware foundation for signal security applications. The core is designed to protect cryptographic keys and computations within a chip even if surrounding components are compromised. The CryptoFirewall core is integrated directly into video decoding systems-on-a-chip (SoCs) from the leading manufacturers supplying the set-top box chip market. It provides a robust and cost-effective solution that is complementary with hardware and software-based conditional access solutions, protecting against piracy of content and services.

For additional information on CryptoFirewall technology or on Cryptography Research visit [www.cryptography.com](http://www.cryptography.com).

### **About Sigma Designs, Inc.**

Sigma Designs, Inc. (NASDAQ: SIGM) is a world leader in connected media platforms. The company designs and builds the essential semiconductor technologies that serve as the foundation for the world's leading IPTV set-top boxes, DTV, connected media players, residential gateways, home control systems and more. For more information about Sigma Designs, please visit [www.sigmadesigns.com](http://www.sigmadesigns.com).

### **About Cryptography Research, Inc.**

Cryptography Research, Inc. (CRI), a division of Rambus Inc., is a leader in semiconductor security research and development. Established by internationally renowned cryptographer Paul Kocher, CRI develops and licenses innovative technologies in areas including tamper resistance, content protection, anti-counterfeiting, network security, and financial services. Over six billion security products are made each year under license from CRI. Security systems designed by CRI scientists and engineers protect hundreds of billions of dollars in commerce annually. Additional information is available at [www.cryptography.com](http://www.cryptography.com).

### **About Rambus Inc.**

Rambus is one of the world's premier technology licensing companies. Founded in 1990, the Company specializes in the invention and design of architectures focused on enriching the end-user experience of electronic systems. Rambus' patented innovations and breakthrough technologies help industry-leading companies bring superior products to market. Rambus licenses both its world-class patent portfolio, as well as its family of leadership and industry-standard solutions. Headquartered in Sunnyvale, California, Rambus has regional offices in North Carolina, Ohio, India, Germany, Japan, Korea, and Taiwan. Additional information is available at [www.rambus.com](http://www.rambus.com).

### **Forward-Looking Information**

This press release contains forward-looking statements related to Rambus and CRI, including any future relationship with Sigma Designs, the terms of any future license agreement and the benefits of CRI's CryptoFirewall solutions. Actual events or results may differ materially from those contained in the forward-looking statements, including the possibility of a delay, postponement or inability to execute a license agreement with Sigma Designs. Please refer to the documents Rambus files from time to time with the SEC, including Rambus' most recent Form 10-K and Form 10-Q, as well as Rambus' future filings. Although Rambus believes that the expectations reflected in the forward-looking statements are reasonable, Rambus cannot guarantee future results, levels of activity, performance, or achievements. Rambus is under no duty to update any of the forward-looking statements after the date of this press release to conform to actual results.

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