Rambus

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Marvell Selects Cryptography Research's CryptoFirewall™ Anti-Counterfeiting Technology For Use in Consumable Security Chip

CryptoFirewall provides secure authentication and reduces counterfeiting business risks for mass-market consumables and peripherals

SAN FRANCISCO--(BUSINESS WIRE)-- Cryptography Research (CRI), a division of Rambus Inc. (NASDAQ:RMBS), today announced that Marvell has chosen its anti-counterfeiting technology, the CryptoFirewall™ core, for inclusion in the Marvell PA800 Consumable Security chip. The CRI Consumable CryptoFirewall (CCF) technology will be incorporated into the PA800 solution, providing advanced levels of security, authentication and/or secure usage tracking to verify system integrity. The PA800 is a very low-cost, low pin-count chip that enables devices to cryptographically verify both authenticity and usage across their lifecycle.

"CRI is the leader in security solutions across multiple markets. Their CryptoFirewall solution offers our customers the most robust security solution for connected products. Marvell's PA800 with CryptoFirewall enables customers to authenticate and track usage for consumable parts or accessories with ease and confidence," said Greg Allen, vice president, Printer Business Unit, Marvell. "Now manufacturers building systems have a cost-effective and secure method to protect the integrity of their systems."

"Marvell is a global leader in providing complete silicon solutions enabling the digital connected lifestyle. Whenever devices are digitally connected, security becomes a critical need and Marvell clearly understands the need to ensure devices are secure," said Paul Kocher, president and chief scientist at Cryptography Research. "We are delighted to be working with Marvell to provide customers with effective solutions for protecting their consumable items and peripherals."

The Cryptography Research CCF solution uses field-proven, integrated anti-tamper security technologies and provides consumers and manufacturers with the assurance of authenticity. CCF technology authenticates devices at risk for counterfeiting through a silicon core that provides cryptographic confirmation of validity. The Verifier CryptoFirewall (VCF)-CCF core authentication on the system side provides the flexibility to implement the solution in either software or hardware on the device System on Chip (SoC).

For additional information on Cryptography Research or on the CryptoFirewall product, visit www.cryptography.com.

About Cryptography Research, Inc.

Cryptography Research, Inc. (CRI), a division of Rambus Inc. (NASDAQ: RMBS), 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 seven 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.

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