May 20, 2013

Rambus Engineers and Inventors to Present Three Papers at Electronic System Technologies Conference & Exhibition 2013

SUNNYVALE, Calif. & LAS VEGAS--(BUSINESS WIRE)-- Rambus Inc.(NASDAQ:RMBS):

Who: Rambus Inc.

Where: ESTC 2013
The New Tropicana
3801 S Las Vegas Blvd
Las Vegas, NV 89109

When: May 20-23, 2013

At the Electronic System Technologies Conference and Exhibition (ESTC) 2013, Rambus engineers will present three technical papers in the areas of 3-D interposer design, high frequency effects in physical architectures, and high-speed parallel buses.

Tuesday, May 21, 2013

Title: "System Design of a Bufferless 6.4 Gb/s Server Multi-DIMM Memory Interface System"
8:00 a.m. — 12:00 p.m.
Yi Lu, Ravi Kollipara, and Arun Vaidyanath, Rambus

Rambus engineers will discuss details of the system design of a multi-DIMM memory interface system of 6.4 Gb/s data rate and 1.6 Gb/s C/A rate, showcasing innovations like fast power down exit and near ground signaling to reduce idle and active power consumption.

Title: "Consideration of Fiber Weave Effects in Selecting PCB Dielectric Material for 25/28 Gbps SerDes Applications"
8:00 a.m. — 12:00 p.m.
Gnanadeep Kollipara, David Secker, and Arun Vaidyanath, Rambus

In this paper presentation, Rambus engineers will demonstrate the impacts of the anisotropy of the fiber weave in one dielectric material by using identical strip line structures on a single fabricated PCB with traces at varying rotations.

Thursday, May 23, 2013

Title: "3-D Si Interposer Manufacturing and Design Challenges"
8:00 a.m. — 12:00 p.m.
Ming Li, Mandy Ji, Julia Cline, John Lau, Pei-Jer Tzeng, Chau-Jie Zhan, and Ching-Kuan Lee, Rambus

In this presentation, Rambus engineers will present a 3-D silicon interposer design with double-sided active silicon chip attachments. Design and manufacturing challenges as well as solutions and package structure will be discussed.

About Rambus Inc.

Rambus is the innovative technology solutions company that brings invention to market. Unleashing the intellectual power of our world-class engineers and scientists in a collaborative and synergistic way, Rambus invents, licenses and develops solutions that challenge and enable our customers to create the future. While best known for creating unsurpassed semiconductor memory architectures, Rambus is also developing world-changing products and services in security, advanced LED lighting and displays, and immersive mobile media.

RMBSTN

Schwartz MSL for Rambus
Dan O'Mahony/Darah Roslyn, 415-512-0770
rambus@schwartzmsl.com

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