Reference Designs Create MoCA 2.0-Enabled Solutions

Entropic Communications, a leading provider of silicon and software solutions for connected home entertainment, and Marvell, a worldwide leader in integrated silicon solutions, introduced joint reference designs. The designs include a broadband router and an IP-set top box (STB). These reference designs provide the basis for service provider and consumer electronics products to bring MoCA 2.0 (Multimedia over Coax) home networks to market. MoCA 2.0 is the next generation of home networking, fully backward interoperable to MoCA 1.1, that sets the foundation for next generation services that are to be distributed into and throughout the home.

The joint development between Entropic and Marvell span products across the connected home, where the need for faster home networks and more powerful devices will dominate the landscape. From high performance access solutions using Marvell's AVANTA to STBs using the recently announced Marvell ARMADA 1500 HD Media System-on-a-Chip (SoC), MoCA 2.0 from Entropic will be the high performance and highly reliable backbone that service providers have come to rely on.

The reference designs pair up with Entropic's award-winning EN2710 chipset based on the MoCA 2.0 standard, capable of delivering MAC throughput from 400 Mbps up to 1 Gbps over a home's existing coaxial cables. Marvell's AVANTA broadband processor is already deployed using Entropic's MoCA 1.1 solution at a major service provider -- this latest reference design paves the way for next generation services and gateway/client architectures. The ARMADA 1500 STB reference design uses the EN2710 to set forth a very compelling IP-STB with MoCA 2.0 for the highest performance, most flexible and economical TV client solution.

"By partnering with Entropic, one of MoCA's founding members, Marvell helps service providers satisfy consumer appetite for High Definition video in every screen in the house," said Gaurav Shah, vice president of marketing for Digital Entertainment products at Marvell Semiconductor, Inc. "With AVANTA and ARMADA, Entropic's MoCA silicon joins a rich family of enabling technologies that immerse users in an untapped audio/video multimedia experience."

"Partnering with Marvell is a natural choice for Entropic. As MoCA 2.0 continues to gather critical mass, service providers will naturally look to Marvell and all their capabilities to reliably deliver MoCA connectivity," said Vinay Gokhale, senior vice president, Marketing and Business Development, Entropic Communications. "The result is an unrivaled user experience in a broadband networking market that is otherwise bursting at its seams."

To learn more about Entropic, its technology and its joint reference designs with

Marvell, visit: www.entropic.com [1] or visit Entropic or Marvell at CES2012, January 9-13, 2012 at the Las Vegas Convention Center (Entropic Booth # 31253, Marvell Booth #30542). For more information about Marvell, visit www.Marvell.com [2].

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[1] http://www.entropic.com
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