January 8, 2013

Marvell Announces Advanced Remote Control Platform with User-friendly Voice Search and Gesture Recognition for Smart TVs and Smart Homes

Marvell's total solution complements its award-winning ARMADA 1500 series SoC platform for Google TV, Smart TVs and Smart furnishings

LAS VEGAS and SANTA CLARA, Calif., Jan. 8, 2013 /PRNewswire/ -- Marvell (Nasdaq: MRVL) announced today at the 2013 Consumer Electronics Show (CES) a new advanced remote control platform with user-friendly voice search and gesture recognition for Smart TVs and Smart Homes. The remote control platform is designed to serve as a multi-purpose, central command point for next-generation digital media experiences and home furnishings control in the new-era Smart home. Marvell's advanced remote control platform is a highly flexible, cost effective and easy-to-use solution that includes voice and gesture recognition, Internet-based multimedia search and discovery capabilities, support for the latest in cloud gaming and more.

(Logo: https://photos.prnewswire.com/prnh/20100719/SF36559LOGO-b)

"By offering this integrated advanced Smart remote control platform to complement Marvell's award-winning ARMADA® 1500 series SoC for Smart TVs and Smart homes, we've created a total solution for voice- and gesture-enhanced, human-machine interaction that is user friendly," said Winston Chen, vice president of the Smart Home Business Unit at Marvell Semiconductor, Inc. "Consistent with Marvell's vision for improving the way the world enjoys the always-on , always-connected lifestyle, the Marvell platform demonstrates Marvell's leadership in designing end-to-end, cost-effective and user-friendly entertainment options for Google TV and Smart TVs."

The Marvell remote control platform represents Marvell's ongoing innovation in helping consumers achieve a completely seamless experience with Smart TVs and other smart devices in the home. From cloud gaming, to controlling home furnishings, to searching, discovering and enjoying multimedia content from providers like YouTube and Netflix, the new platform makes today's exciting new era of Smart home experiences more accessible and enjoyable to consumers than ever before.

The Marvell remote control platform is an integrated, customizable, turnkey solution for mass-market remote control applications. An easy-to-use software stack and tool chains will help OEMs, ODMs and service providers quickly build products to meet the needs of an ever-changing consumer market.

The platform offers four advanced functions in addition to standard remote control capabilities:

- Voice control: Users can speak into the integrated built-in microphone and command the Smart TV to check weather, find directions, display movie show times and more
- Nine-axis motion and gesture: Provides joystick-like functionality for gaming control
- Air Mouse: For use as a wireless mouse to operate a Smart TV for activities such as Web surfing, gaming, etc.
- Touch and keypad: Supports an optional full-size keyboard on the back of the device for easy text input

The platform is powered by Marvell's 88MZ100 ARM microcontroller and is the first of its kind to support Bluetooth and ZigBee RF4CE connectivity, extending its functionality to more devices in the household and offering the highest level of integrated features for home automation and LED lighting control applications.

Marvell will showcase the new remote control platform at CES, at the Las Vegas Convention Center, January 8-11, 2013, in booth No. 31423, located on the upper level of South Hall 3.

About Marvell

Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions enabling the digital connected lifestyle. From mobile communications to storage, cloud infrastructure, digital entertainment and in-home content delivery, Marvell's diverse product portfolio aligns complete platform designs with industry-leading performance, security, reliability and efficiency. At the core of powerful consumer, network and enterprise systems, Marvell empowers partners and their customers to always stand at the forefront of innovation, performance and mass appeal. By providing people around the world with mobility and ease of access to services adding value to their social, private and work lives, Marvell is committed to enhancing the human experience.

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For Further Information Contact:

Marvell Media Relations

Daniel Yoo	Kim Anderson
Tel: 408-222-2187	Tel: 408-222-0950
yoo@marvell.com	kimander@marvell.com

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