



Broadcom's New International Cable Set-Top Box SoC Solutions Drive Compelling High Definition TV and Advanced Connectivity

Integrated Dual 866MHz Cable Tuners, DOCSIS(R)/EuroDOCSIS(TM) and MoCA(R) 1.1 Technology Enable IP Video and Multi-Room High Definition DVR TV Services

AMSTERDAM, Sept 08, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- IBC 2009 -- Broadcom Corporation (Nasdaq: BRCM), a global leader in semiconductors for wired and wireless communications, today announced new single-chip, multi-format high definition (HD) DOCSIS(R) 2.0/EuroDOCSIS(TM) 2.0 (Euro/DOCSIS 2.0) compatible set-top box (STB) system-on-a-chip (SoC) solutions that enable manufacturers to develop advanced, high performance and cost effective HD STBs for worldwide deployments. With an unsurpassed level of integration, cable service providers can offer the latest in interactive HDTV programming, connectivity and advanced user interface applications to their subscribers, while meeting stringent global power consumption and system performance requirements.

With industry leading host processor performance, 3D graphics, dual integrated 866MHz cable tuners and integrated Euro/DOCSIS 2.0 compatible modems with 3.0 channel bonding over 4 downstream channels, the company introduces its new Broadcom(R) BCM7019 and BCM7025 cable STB SoC solutions at IBC 2009 in Amsterdam. These solutions include software support for new compelling subscriber applications that use Multimedia Home Platform (MHP), Open TV, NDS CDI, SeaChange (R) TV Navigator, Adobe(R) Flash(R) Platform for the Digital Home, Digital Living Network Alliance (DLNA(R)), RVU Remote User Interface (RUI), and PacketCable(R) voice over IP (VoIP). This unique and flexible software platform enables appealing interactive digital television, networked digital video recorder (DVR) functionality and IP video over Euro/DOCSIS applications.

For additional functionality, the BCM7025 cable STB SoC includes an integrated Multimedia over Coax Alliance (MoCA(R)) 1.1 interface that enables service providers to offer innovative whole-home digital media distribution services over coax, which in turn, enables subscribers to securely access, store and share a wide array of digital media content including HDTV programs, video-on-demand (VoD), DVR recordings, Internet content, video, music, photos and VoIP. Both the BCM7019 and BCM7025 cable STB SoC solutions support DLNA that facilitates the easy sharing of digital content between DLNA-enabled devices throughout the home, and RVU Alliance's pixel accurate RUI technology that allows an identical user experience on multiple devices.

Building upon the company's field proven and successful family of set-top box solutions for cable, satellite and IP applications, Broadcom's latest STB technology features integrated dynamic power management controllers that provide a very efficient power management system, capable of managing and shutting down unused system components in real-time. Even in the lowest power modes, the BCM7019 and BCM7025 can continue to remain aware of network events both in the home and from multiple service operators (MSO) head ends, enabling these SoCs to quickly respond to network and user inputs. Both chips offer support for Energy Star(R) and are European Code of Conduct compliant.

"We continue to set the benchmark in integration, performance and connectivity in the home, enabling advanced services such as interactivity, 3D user interfaces and multi-room DVR capabilities using MoCA 1.1 technology that greatly enhances the cable TV entertainment experience," said Dan Marotta, Senior Vice President & General Manager of Broadcom's Broadband Communications Group. "With unprecedented levels of integration, including an integrated DOCSIS/EuroDOCSIS 2.0 modem, we continue to significantly reduce power and overall system cost to efficiently deliver advanced and high quality HD digital programming that changes the way consumers interact and share content in the home."

Technical Information

Designed in a 65 nanometer CMOS process, the BCM7019 and BCM7025 cable STB SoC solutions offer extremely high levels of integration and performance that enables worldwide service providers to offer the latest in connectivity and advanced applications to their subscribers while significantly reducing power requirements, complexity and overall bill of materials (BOM) cost. They offer similar feature sets with the BCM7025 including a MoCA 1.1 modem enabling whole-home digital media distribution services over coax.

Compatible with existing Euro/DOCSIS 2.0 and next generation cable modem termination system (CMTS) equipment, the BCM7019 and BCM7025 cable STB SoC solutions deliver downstream data rates of up to 200 Megabits per second (Mbps), enabling MSOs to deploy downstream channel bonding functionality immediately, without delays or costly upgrades to their

CMTS infrastructures. Channel bonding is often cited as the most significant feature of next generation Euro/DOCSIS 3.0 products, since it is able to combine the bandwidth of several DOCSIS channels to significantly increase data rates. Downstream channel bonding is the first of these next generation features to be deployed on a large scale, and with Broadcom supporting downstream channel bonding since 2006, it continues to be the leading supplier of channel bonded cable modem silicon.

Availability and Pricing

The Broadcom BCM7019 and BCM7025 cable set-top box SoC solutions are now sampling to early access customers. Pricing is available upon request.

MoCA Background

MoCA technology enables the distribution of high quality digital multimedia content throughout the home using existing coaxial cable simultaneously with content provider services. With a content service provider's media center managing the digital rights, MoCA streams and distributes the content to multiple thin media clients in the home. MoCA has emerged as a popular method for in-home multimedia distribution among cable, satellite and telecommunication service providers in the U.S. and is gaining recognition as a reliable and cost effective solution for international adoption.

About Broadcom

Broadcom Corporation is a major technology innovator and global leader in semiconductors for wired and wireless communications. Broadcom products enable the delivery of voice, video, data and multimedia to and throughout the home, the office and the mobile environment. We provide the industry's broadest portfolio of state-of-the-art system-on-a-chip and software solutions to manufacturers of computing and networking equipment, digital entertainment and broadband access products, and mobile devices. These solutions support our core mission: Connecting everything(R).

Broadcom is one of the world's largest fabless semiconductor companies, with 2008 revenue of \$4.66 billion, and holds over 3,450 U.S. and over 1,350 foreign patents, more than 7,350 additional pending patent applications, and one of the broadest intellectual property portfolios addressing both wired and wireless transmission of voice, video, data and multimedia.

A FORTUNE 500(R) company, Broadcom is headquartered in Irvine, Calif., and has offices and research facilities in North America, Asia and Europe. Broadcom may be contacted at +1.949.926.5000 or at www.broadcom.com.

Cautions regarding Forward Looking Statements:

All statements included or incorporated by reference in this release, other than statements or characterizations of historical fact, are forward-looking statements. These forward-looking statements are based on our current expectations, estimates and projections about our industry and business, management's beliefs, and certain assumptions made by us, all of which are subject to change. Forward-looking statements can often be identified by words such as "anticipates," "expects," "intends," "plans," "predicts," "believes," "seeks," "estimates," "may," "will," "should," "would," "could," "potential," "continue," "ongoing," similar expressions, and variations or negatives of these words. Examples of such forward-looking statements include, but are not limited to, the growth in number of global households with in-home provider network nodes that use protocols over coax and the growing demand for whole-home DVR services. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement.

Important factors that may cause such a difference for Broadcom in connection with BCM7019 and BCM7025 high definition cable set-top box SoC solutions include, but are not limited to

- the rate at which our present and future customers and end-users adopt Broadcom's technologies and products in the markets for next generation set-top box applications;
- delays in the adoption and acceptance of industry standards in those markets;
- general economic and political conditions and specific conditions in the markets we address, including the volatility in the technology sector and semiconductor industry, trends in the broadband communications markets in various geographic regions, including seasonality in sales of consumer products into which our products are incorporated, and possible disruption in commercial activities related to terrorist activity or armed conflict in the United States and other locations;
- the timing of customer-industry qualification and certification of our

products and the risks of non-qualification or non-certification; and

- the timing, rescheduling or cancellation of significant customer orders and our ability, as well as the ability of our customers, to manage inventory.

Additional factors that may cause Broadcom's actual results to differ materially from those expressed in forward-looking statements include, but are not limited to the list that can be found at http://www.broadcom.com/press/additional_risk_factors/Q32009.php.

Our Annual Report on Form 10-K, subsequent Quarterly Reports on Form 10-Q, recent Current Reports on Form 8-K, and other Securities and Exchange Commission filings discuss the foregoing risks as well as other important risk factors that could contribute to such differences or otherwise affect our business, results of operations and financial condition. The forward-looking statements in this release speak only as of this date. We undertake no obligation to revise or update publicly any forward-looking statement, except as required by law.

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