



## **Broadcom Becomes World's First to Introduce Single Chip IAD with Integrated ADSL2+, 802.11n and DECT, Enabling Voice, Video, Data, and Wireless Bundled Services**

### **New Single-Chip Solution Delivers High Speed ADSL2+ Connectivity with Complete Home Router Functionality**

PARIS, Sept 08, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- (Broadband World Forum Europe 2009) -- Broadcom Corporation (Nasdaq: BRCM), a global leader in semiconductors for wired and wireless communications, today announced its first single chip broadband integrated access device (IAD) integrating high performance ADSL2+ and 802.11n wireless LAN (WLAN), along with Gigabit Ethernet switching, Digital Enhanced Cordless Telecommunications (DECT), and voice over IP (VoIP) for IADs and high-end residential gateways. This new IAD solution provides OEMs with the lowest component count, size, power and cost, and enables service providers to offer a single device that delivers a fast Internet connection and robust DECT/DECT6.0/CAT-iq and Wi-Fi(R) connectivity to support triple play services (voice, video and data). The integrated DSL+WLAN solution eliminates the need for consumers to purchase a separate DSL modem, wireless router and DECT cordless base station, significantly reducing the cost of home networking.

Broadcom has developed several innovative combination ('combo') chips that integrate multiple technologies onto a single monolithic silicon die, thus, enabling smaller and more efficient devices with a rich set of features. The new Broadcom(R) BCM6362 is the first chip to combine the company's industry-leading ADSL2+ and Wi-Fi technologies. By using the new combo chip, modem manufacturers can eliminate more than 200 discrete components to streamline the design of IADs and reduce bill of material (BOM) cost by over 50 percent. The availability of more cost effective product designs is expected to further increase demand for wireless gateways - which is expected to represent 73 percent of the ADSL market by 2013, according to Dell'Oro Group industry research.

"The highly integrated BCM6362 ADSL2+ and 802.11n wireless LAN solution reaffirms that Broadcom is at the forefront of broadband system-on-chip integration technology, enabling our customers to deliver customer premise equipment with the best combination of performance available today," said Greg Fischer, Vice President & General Manager of Broadcom's Carrier Access line of business. "In turn, our customers can rapidly develop cost effective, low power system-level solutions for the ADSL+ Wi-Fi market."

The BCM6362 provides a fast, 'Always On' Internet connection that is easy to install and use. Its high performance wireless capabilities allow users to surf the Web, transfer files, and stream media content between PCs and consumer electronics devices throughout their homes - without the hassle of wires. Also featured is a six port Ethernet switch with four 10/100 Fast Ethernet and two gigabit ports that can be used as a high performance routed local area network (LAN) and to connect set-top boxes, printers, storage drives and other products to the network, so they can access and share content with all connected devices.

The product family provides unparalleled levels of integration utilizing Broadcom's high performance 400 MHz dual core processor architecture, hardware-assisted wirespeed bridging and routing, hardware assisted IPsec security for virtual private network (VPN) termination, gigabit switching, and support for USB 2.0 host and devices.

The BCM6362 features Broadcom's latest 2x2 802.11n core, which offers best-in-class range and throughput to support the video, voice and data services that broadband providers are offering to subscribers. The WLAN subsystem includes Accelerange(TM) technology, a unique set of hardware and software enhancements that provide more reliable wireless connections to PCs and media devices that are far from the home's broadband connection. It also features a high-speed processor, high-output power amplifiers and other optimizations to deliver maximum throughput - even during times of heavy DSL usage, which can slow down older wireless systems.

Additionally, Broadcom's 802.11n radio supports both 2.4 GHz and 5 GHz operation, enabling manufacturers to build dual-band gateways that provide even more flexibility and capacity for wireless users. Dual-band gateways are increasingly popular as more Wi-Fi users dedicate the less crowded 5 GHz portion of their wireless networks for video streaming and VoIP calls, and use the 2.4 GHz band for traditional data applications.

To enhance users' VoIP experience, and to further eliminate the need for corded POTS handsets, the BCM6362 integrates a CAT-iq DECT core for HD voice, multi-line cordless VoIP and internet connectivity.

The BCM6362's integrated ADSL2+ transceiver and analog front end (AFE) supports full-rate ADSL2+ connectivity that conforms to all International Telecommunications Union (ITU) and American National Standard Institute (ANSI) ADSL2+ specifications. It is also a low power solution that adheres to the regulations set forth by The European Code of Conduct on Energy Efficiency with best-of-class power consumption and management of low power modes.

To round out the BCM6362's capabilities, Broadcom also provides integrated software that enables carriers to add their own applications on top of this complete solution for further seamless integration, enabling faster time-to-market for carriers.

#### Availability and Pricing

The Broadcom BCM6362 ADSL2 and wireless IAD combo chip is now sampling to early access customers. Pricing is available upon request.

#### 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](http://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 demand for wireless gateways, , our position in that market and the timing of volume production for Broadcom BCM6362 combo chip products. 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 BCM6362 ADSL2 and 802.11n combo chips include, but are not limited to:

- 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
- Delays in the adoption and acceptance of industry standards in the markets for ADSL2 and 802.11n applications;
- Our ability to timely and accurately predict market requirements and evolving industry standards and to identify opportunities in new markets;
- Competitive pressures and other factors such as the qualification, availability and pricing of competing products and technologies and the resulting effects on sales and pricing of our products; and
- The timing of customer-industry qualification and certification of our products and the risks of non-qualification or non-certification.

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](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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Broadcom Trade Press Contact	Broadcom Investor Relations Contact
Jessica Ingraham	T. Peter Andrew
Public Relations Representative	Vice President, Corporate Communications
949-926-8008	949-926-5663
<a href="mailto:jessicai@broadcom.com">jessicai@broadcom.com</a>	<a href="mailto:andrewtp@broadcom.com">andrewtp@broadcom.com</a>

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<http://www.broadcom.com>

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