



Broadcom Announces GPON Product Family to Complement Its Broadband Carrier Access Portfolio

New GPON Portfolio Drives Fiber-to-the-Home and Fiber-to-the-Node Solutions that Delivers Higher Bandwidth Services with Low Overall System Cost

PARIS, Sept 02, 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 product offerings in the Gigabit Passive Optical Network (GPON) market with a scalable family of products spanning from gigabit bridges to fully integrated access device (IAD) capabilities. Broadcom's GPON portfolio leverages their field proven processor, switch and physical layer (PHY) intellectual property cores, in conjunction with the industry's most widely deployed Linux(R) and voice over IP (VoIP) software suite, enabling Fiber-to-the-Home (FTTH) and Fiber-to-the-Node (FTTN) solutions. With today's announcement, Broadcom further completes its carrier access portfolio delivering highly integrated solutions for ADSL, VDSL and now GPON technologies.

Broadcom's new GPON solutions enable high definition (HD) video, VoIP, high-speed internet (HSI), gaming, and higher bandwidth provisional services such as video-on-demand (VoD) and rapid download of IP video content. FTTH and FTTN solutions can deliver much faster broadband speeds to the end-user than is possible over the existing copper access network allowing service providers to offer advanced triple play services.

The Broadcom(R) BCM6800 family of GPON gateway processors are designed to facilitate the realization of more cost effective optical network terminals (ONTs) or optical network units (ONUs) used in conjunction with service provider passive optical networks (PONs). The product family provides unparalleled levels of integration utilizing Broadcom's high performance, 400 MHz dual core processor architecture, hardware-assisted gigabit bridging and routing, hardware-assisted IPsec security for virtual private network (VPN) termination, gigabit switch and PHYs, VoIP, support for USB 2.0 host and devices, and support for Broadcom's latest wireless LAN (WLAN) devices utilizing PCI Express(R). The BCM6800 family includes TR-069 and OMCI management software.

Another unique capability in Broadcom's GPON portfolio is the world's first integration of the Multimedia over Coax Alliance (MoCA(R)) standard which has already received MoCA 1.1 Certification from the MoCA Certification Board. The solution in the BCM6800 portfolio integrates a MoCA(R) media access controller (MAC), PHY transceiver and RF tuner which enable service providers (using GPON technology) to easily and cost effectively transform a subscriber's existing coax network into a home media distribution gateway. As a result, service providers that use coax for media distribution within the home can offer whole-home digital media services that allow subscribers to securely access, store and share multiple types of digital media content including HDTV programs, video-on-demand, digital video recorder (DVR) recordings, Internet content and VoIP.

Each solution within the BCM6800 product family leverages Broadcom's success in xDSL gateway chips and residential gateway software development and is designed in a 65 nanometer (nm) CMOS process that provides high integration, low power consumption, and small footprint size. Telecommunications carrier and OEM customers are able to preserve their software investment across multiple access technologies by leveraging Broadcom's field proven networking, management, Kernel, and VoIP software architectures used on all Broadcom ADSL, VDSL and PON subscriber products.

"Our entry into the GPON market complements our carrier access portfolio of highly integrated, versatile single-chip solutions for next generation broadband services by enabling gigabit networks and extending performance, cost and manageability of subscriber equipment," said Greg Fischer, Vice President & General Manager of Broadcom's Carrier Access line of business. "Our presence and commitment to the carrier market are well established with leadership in DSL, Ethernet and WLAN products. The global GPON standard provides next generation FTTH and FTTN opportunities and we look forward to extending our leading access technologies and investments in this area."

Availability and Pricing

The Broadcom BCM6800 family of GPON devices are now shipping 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 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 expected demand for GPON gateway processor products, our position in that market and the timing of volume production for BCM6800 GPON gateway processors. 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 the BCM6800 family of GPON gateway processors 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, and 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 GPON gateway processor products;
- Our ability to specify, develop or acquire, complete, introduce, market and transition to volume production new products and technologies in a cost-effective and timely manner;
- Our ability to timely and accurately predict market requirements and evolving industry standards and to identify opportunities in new markets; and
- 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.

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.

Broadcom, the pulse logo, Connecting everything, and the Connecting everything logo are among the trademarks of Broadcom Corporation and/or its affiliates in the United States, certain other countries and/or the EU. Any other trademarks or trade names mentioned are the property of their respective owners.

Broadcom Trade Press Contact
Jessica Ingraham
Public Relations Representative
949-926-8008
jessicai@broadcom.com

Broadcom Investor Relations Contact
T. Peter Andrew
Vice President, Corporate Communications
949-926-5663
andrewtp@broadcom.com

SOURCE Broadcom Corporation; BRCM Broadband

<http://www.broadcom.com>

Copyright (C) 2009 PR Newswire. All rights reserved