

## **NEWS RELEASE**

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## **Broadcom and BroadLight Team to Develop Highly Integrated Solutions for Residential Fiber-to-the-Premises Broadband Services**

*Jointly Developed FTTP Solutions Utilize  
Next-Generation PON and Broadband Communications Silicon Technology*

IRVINE and MOUNTAIN VIEW, CA – June 1, 2004 – Broadcom Corporation, (Nasdaq: BRCM), a leading provider of highly integrated semiconductor solutions enabling broadband communications, and BroadLight Inc., a leading supplier of semiconductors, software and transceivers for fiber-to-the-premises (FTTP) deployments, today announced joint solutions that will enable the rapid production of cost-effective FTTP optical network units (ONUs) for delivering voice, video and data services to residential users.

FTTP optical network units enable end-users to benefit from the advantages of a fiber access network by converting the light signal from a fiber strand into an electrical signal for carrying voice, video and data to and throughout the home. The deployment of FTTP provides much higher bandwidth and lower latency for the delivery of superior quality, consolidated multimedia services, including broadcast video, video-on-demand,

traditional telephony and Internet access. Compared to ADSL and cable modem broadband services, FTTP solutions deliver more than ten times the bandwidth with longer reach at similar cost points.

According to a recent IDC market report by Sterling Perrin, the worldwide revenue forecast for fiber access equipment, which IDC refers to as the last mile technology for bringing optical fiber to the customer, will increase at a 37% compound annual growth rate (CAGR), from \$503 million in 2003 to \$2.4 billion by the end of 2008.

The Broadcom-BroadLight collaboration leverages both companies' expertise in offering cost-optimized solutions for FTTP customer premises equipment (CPE) and central office optical line terminators (OLT). The system design is based on BroadLight's advanced broadband passive optical network (BPON) transceivers and media access controllers (MACs) and Broadcom® high-speed broadband access technologies for carrying voice, video and data to and throughout the home. Broadcom and BroadLight are co-marketing the solutions to telecommunications system vendors and service providers worldwide.

“FTTP deployments represent a strong movement by telecommunications providers to address consumer demand for high-speed data, television and telephony services,” said Daniel Marotta, Group Vice President of Broadcom's Broadband Communications Group. “Through our partnership with BroadLight, a leader in the BPON component market, we can offer the most complete semiconductor solutions for voice, video and data services to equipment vendors of FTTP systems.”

“We believe this partnership offers an unprecedented solution and represents a significant milestone in the FTTP market's development,” said Andrew Vought, BroadLight's CEO. “As a leader in communications semiconductor technology, Broadcom further strengthens BroadLight's leadership position in the emerging PON market and, together, we are delivering the low-cost, high-speed solutions that customers require.”

BroadLight and Broadcom plan to showcase their FTTP solutions at Supercomm 2004, in Chicago, June 22 - 24, 2004 in Booth 22405.

### **About BroadLight**

BroadLight delivers cost effective PON components that enable high performance, end-to-end, easy-to-integrate FTTP solutions. BroadLight develops standards-based digital, analog and optical communication components, software stacks and algorithms for equipment vendors who are looking to integrate high-performance passive optical network solutions for carriers and service providers. With the best price/performance in the industry, BroadLight is a world leading PON components vendor, providing the solution that is driving the deployment of FTTP today. The company is committed to work closely with equipment vendors and carriers to support them throughout the project planning and integration process. BroadLight is headquartered in Mountain View, Calif. and has an R&D facility in Israel. More information about the company can be found at [www.broadlight.com](http://www.broadlight.com).

### **About Broadcom**

Broadcom Corporation is a leading provider of highly integrated semiconductor solutions that enable broadband communications and networking of voice, video and data services. We design, develop and supply complete system-on-a-chip (SoC) solutions incorporating digital, analog, radio frequency (RF), microprocessor and digital signal processing (DSP) technologies, as well as related hardware and software system-level applications. Our diverse product portfolio addresses every major broadband communications market and includes solutions for digital cable and satellite set-top boxes; high definition television (HDTV); cable and digital subscriber line (DSL) modems and residential gateways; high-speed transmission and switching for local, metropolitan, wide area and storage networking; home and wireless networking; cellular and terrestrial wireless communications; Voice over Internet Protocol (VoIP) gateway and telephony systems;

broadband network and security processors; and SystemI/O™ server solutions. These technologies and products support our core mission: Connecting everything®.

Broadcom is headquartered in Irvine, Calif., and may be contacted at 1-949-450-8700 or at [www.broadcom.com](http://www.broadcom.com).

**Safe Harbor Statement of Broadcom Corporation under the Private Securities Litigation Reform Act of 1995:**

*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 Broadcom's current expectations, estimates and projections about our industry, 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," similar expressions, and variations or negatives of these words. 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.*

Broadcom's 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 for any reason.

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