



## **Symwave Breaks the Speed Record for Desktop Connectivity with World's First 1.6Gbps FireWire Solution**

*New 1394b PHY Doubles Today's Highest Speed, to Transfer One Thousand 4  
Megapixel Digital Pictures in Less than Five Seconds*

SAN DIEGO, Calif., April 8, 2008 – Symwave, Inc., a privately-held supplier of high-performance analog/mixed signal semiconductor solutions for PC, consumer and mobile devices, announced today that it is demonstrating the world's first IEEE 1394b S1600 Physical Layer (PHY) solution. The new device is backwards compatible with all prior generations of FireWire/1394, and is offered at an equivalent price to today's 800Mbps solutions with twice the speed.

Symwave's "FirePHY-1600" PHY solution is the latest product based on Symwave's state-of-the-art, high speed SERDES technology, a critical core competency required for most next-generation connectivity standards, including the proposed USB3.0 standard. The FirePHY-1600 runs at 2GHz clock speed and is designed to comply with the IEEE 1394b S1600 standard enabling data transfer rates up to 1.6Gbps, nearly four times faster than the highest speed USB standard today.

"Symwave is proud to help drive the accelerated migration to the next speed level of 1394b/FireWire technology for both consumer and industrial applications," said Yossi Cohen, president and CEO of Symwave. "The FirePHY-1600 is a significant leap forward for us in ultra-high speed SERDES design and is a remarkable achievement for our mixed-signal engineering team. This 'no-compromise' solution offers our customers the ultimate combination of speed, cost and backwards compatibility."

FirePHY-1600 is an ideal interface technology for next generation Mac and PC platforms, computer peripheral devices and consumer/professional applications that demand a high speed interface with guaranteed bandwidth and quality of service. Target applications include Mac and PC interface ports, PC add-in cards and ExpressCards, external storage devices/enclosures, high definition industrial cameras, FireWire hubs/repeaters and high speed Flash card readers. Some unique advantages of FireWire over other high speed serial interfaces include the ability to support 45W power over 1394 cables, peer-to-peer networking and long distance networking over CAT-5, POF and Coax cables."

"We are thrilled that Symwave is introducing the world's first S1600 silicon solution today," said James Snider, executive director of the 1394 Trade Association. "Symwave's innovative S1600 technology paves the way for a new breed of high speed applications and firmly establishes IEEE1394 (FireWire™) as the interface technology of choice for next-generation products."

Symwave, Inc. is sponsoring the 1394 Trade Association's Q2 quarterly meetings, to be held near its flagship design center in Shenzhen, China, April 7-10, 2008. Symwave's FirePHY-1600 technology will be demonstrated at the 1394 product seminar to be held on April 10 at the Crown Plaza Hotel in Shenzhen. For more details, visit the 1394TA website at [www.1394TA.org](http://www.1394TA.org).

**Availability**

The FirePHY-1600 device (P/N SW3160) is pin-compatible with the company's 800 Mbps FirePHY-800 (P/N SW3080) device and is housed in a 64-pin 8x8mm QFN package. It is priced at \$3.50 in 10Ku quantities. Samples are available to selected customers.

**About Symwave**

Symwave is a fabless semiconductor company that designs, develops and markets high-performance analog/mixed-signal integrated circuits and system solutions. Symwave specializes in the design and development of high-speed, standards-based Serial Physical Layer ICs (PHYs) and high-performance, low-power Analog Front End ICs (AFEs) leveraging its proprietary mixed-signal technology and silicon design capabilities. Symwave's mission is to become the premier supplier of high-performance, customer-driven mixed-signal silicon and systems solutions to the PC, mobile device and consumer electronics markets. Symwave's strategy is focused on defining, developing and delivering best-in-class / first-in-class integrated circuit solutions for its customers leveraging Symwave's world-class analog / mixed-signal IC design team coupled with its broad IP portfolio. Symwave is a privately held company founded in 2001 with headquarters in San Diego, CA, and offices in Southern China, and is backed by several top-tier venture capital firms, including Kodiak Venture Partners and CMEA Ventures. Additional information is available at [www.symwave.com](http://www.symwave.com).

**About 1394TA**

The 1394 Trade Association is a worldwide organization dedicated to the advancement and enhancement of the IEEE 1394 audio video standard. For more information, visit [www.1394ta.org](http://www.1394ta.org)

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