



InterWorks and Octasic Partner to Develop Media Gateway Module

Octasic's OCT8304 Enables 768 Channels and Reduced Time-to-Market for OEMs

LAKE FOREST, Calif., April 10 /PRNewswire-FirstCall/ -- InterWorks, a Sanmina-SCI Company (Nasdaq: SANM), an industry leader in high-end standard and custom modular subsystem solutions, has partnered with Octasic Inc., a fabless semiconductor vendor delivering innovative silicon solutions for the Voice over Packet (VoP) telecommunications infrastructure market, by selecting Octasic's OCT8304 high-density packetization engine for InterWorks' highly integrated IW-5843 media gateway module.

InterWorks' IW-5843 Media Gateway PMC Module, designed around Octasic's OCT8304 packetization engine, is a highly integrated, low cost modular solution for OEMs developing Voice over IP (VoIP) or Voice over ATM (AAL2) applications. Aimed at OEMs looking for a fast time-to-market solution, it provides unparalleled density and flexibility in all essential functions of a media gateway, supporting up to 768 voice channels that can be compressed and echo cancelled with a tail of up to sixty-four milliseconds. The IW-5843 module is a superior solution for developers seeking to minimize time-to-market, reduce costs, and achieve exceptional performance in terms of density, power, and functionality.

Designed by InterWorks utilizing Octasic Semiconductor's award winning OCT8304 Packetization and Aggregation engine, the IW-5843 Media Gateway Module uses an array of twenty-four Texas Instruments(R) TMS320VC5441 DSP chips running highly optimized signal processing code from either Hellosoft(R) or Tology(R), allowing best-in-class channel densities for low bit-rate compression and echo cancellation.

The OCT8304 high-density packetization engine offers the highest capacity in voice packetization and aggregation on the market today, with an unprecedented 1000 channel capacity. Representing the third generation of Octasic VoP products successfully brought to market, this feature-rich device provides numerous interface options, supports both VoIP and VoAAL2, and has been specifically designed to work with standard DSPs and software. The OCT8304 is ideal for equipment providers who require solutions that offer high density, high throughput, low power consumption and high performance.

"Octasic is a market leader in innovation, and their solutions are achieving tremendous results in terms of density, cost, and power," said Don Coffin, Marketing Manager for DSP Products with InterWorks. "Their OCT8304 packetization device allowed us to develop a highly integrated module that provides significant benefits to our customers in terms of affordability and reduced time-to-market."

"The OCT8304 offers a robust, high-performance solution for equipment providers such as InterWorks," said Doug Morrissey, Octasic's Director of Product Marketing. "By combining our extensive experience in designing VoP technology with InterWorks' expert team of engineers, we've developed a product that offers the highest density on the market today, and provides the features InterWorks needs to win in their market."

The IW-5843 Media Gateway Module connects to sixteen PCM highways at eight MHz via its PMC connector, providing compatibility with most industry standard TDM buses such as H.100, MVIP, ST-BUS and SCSA. The module offers flexible configurable connectivity for MII, Utopia Level Two or POS Level Two for a variety of applications allowing access to several network interfaces. A thirty-two-bit PCI interface is available via the PMC connector, allowing complete control of the Media Gateway Module from an MGCP, Megaco or H.323 software stack residing on the baseboard.

In addition to voice compression and echo cancellation, the Hellosoft(R) or Telogy(R) code running on the Texas Instruments(R) TMS320VC5441 DSP farm can perform enhanced functions such as packet loss concealment, jitter buffering, voice activity detection and silence suppression, DTMF, fax and modem tone detection and T.38 fax relay. The OCTNET network protocol stack is also available from InterWorks / Octasic, providing RTP, UDP, IP and ICMP network connectivity code, as well as, LANE, CLIP and MPOA encapsulation protocols for IP over ATM AAL5.

Available today from InterWorks / Octasic is full integration and software development support, as well as development and debug tools for the IW-5843 and the Octasic OCT8304.

About Octasic

Founded in 1998, Octasic is a fabless semiconductor company based in Montreal, Canada. It designs, markets, and supports best-in-class silicon solutions for the VoP telecommunications infrastructure market. Octasic's innovative approach involves application-specific integrated circuits (ASICs) that perform the key VoP functions: packetization, aggregation and mediation; compression; and echo cancellation. These specialized, high-density co-processors allow communications equipment providers to benefit from optimal scalability, and unmatched performance in terms of density, cost, and power consumption.

For more information about Octasic and its products, please visit <http://www.octasic.com>, or email sales@octasic.com to locate your local representative.

About InterWorks

InterWorks (<http://www.iwcp.com>) is an industry leader in modular DSP, Flash, SRAM and DRAM memory subsystem solutions, focusing on Networking, Telecom, OEM and Industrial markets. Using the latest technologies, including InterWorks' own patented FRAMM and M3 Multi-Memory Module(TM) technologies, InterWorks offers standard and custom designs for every possible requirement.

As a subsidiary of Sanmina-SCI, InterWorks combines the flexibility of an engineering company with the resources of a global electronics contract manufacturer.

About Sanmina-SCI

Sanmina-SCI Corporation is a leading electronics contract manufacturer serving the fastest-growing segments of the \$130 billion global electronics manufacturing services (EMS) market. Recognized as a technology leader, Sanmina-SCI provides end-to-end manufacturing solutions, delivering unsurpassed quality and support to large OEMs primarily in the communications, industrial and medical instrumentation, and computer technology sectors of the market. Sanmina-SCI has over 100 facilities strategically located in key regions throughout the world.

Safe Harbor Statement

The foregoing, including the discussion regarding the company's future prospects, contains certain forward-looking statements that involve risks and uncertainties, including uncertainties associated with economic conditions in the electronics industry, particularly in the principal industry sectors served by the company, changes in customer requirements and in the volume of sales to principal customers, the ability of Sanmina-SCI to effectively integrate its operations

following the merger of Sanmina Corporation and SCI Systems, Inc. and to assimilate other acquired businesses and achieve the anticipated benefits of the merger and other such acquisitions, and competition and technological change. The company's actual results of operations may differ significantly from those contemplated by such forward-looking statements as a result of these and other factors, including factors set forth in the company's 2001 Annual Report on Form 10-K filed with the Securities Exchange Commission on December 21, 2001 and the company's 10-Q filed with the Securities Exchange Commission on February 12, 2002.