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Texas Instruments and PCTEL Deliver Smallest, Lowest Power Embedded V.90 Modem Chipset Cutting Power Use By 90% and Board Space By 40%

-New DSP-based solution provides Internet connectivity in set-top boxes, gaming consoles, PDAs, Internet appliances and other devices-

HOUSTON, TX – September 24, 2001 – For products requiring Internet connectivity, Texas Instruments Incorporated (TI) (NYSE: TXN) and PCTEL, Inc. (NASDAQ: PCTI) today introduced the lowest power and smallest V.90 embedded modem chipset for integration into end-equipments with very small form factors at low cost. This new two-chip solution cuts power consumption by as much as 90 percent and board space by up to 40 percent over existing solutions, enabling a new class of Internet access devices with smaller power and space requirements. The offering combines TI's expertise in digital signal processing with PCTEL communications software into a proven two-chip solution. (See dspvillage.ti.com/v90pr)

"As consumers demand more portability in their electronic products, size and battery life are key factors driving emerging Internet applications," said Will Strauss, president of DSP market watcher Forward Concepts. "The programmability and power efficiency of TI's TMS320C5000™ DSP platform is well suited to embedded modem applications in products like PDAs, digital cameras, digital music players and electronic books."

This new two-chip solution, which consists of a power-efficient TMS320C54V90™ DSP and PCTEL line-powered Data Access Arrangement (DAA), consumes only 25 mW of power when running a V.90 modem and requires as little as 1.5 square inches of board space. The C54V90™ DSP incorporates PCTEL's modem control and data pump software, eliminating the need for off-chip memory, and integrates the digital portion of the DAA on-chip, thereby decreasing the conventional embedded modem solution from five or six chips to just two chips. The PCTEL line-powered DAA is used to interface to the telephone line and is compatible with local phone access in more than 65 countries.

TI chose PCTEL communications software because of its proven performance in millions of Internet-enabled products throughout the world. PCTEL provides modem solutions to nearly all of the world's motherboard manufacturers and was a leading modem provider in 2000.

"The first Solsis modem technology proved to be popular with manufacturers such as Sun-Denshi for its online gaming interface for the Sony Playstation® 2, with PolyTrax Information Technology for a home gateway design, and with SAGEM for a consumer digital set-top box," said Navin Rao, senior vice president and general manager of the Embedded Systems Group for PCTEL. "TI and PCTEL are expanding their product line to provide manufacturers with a solid communications platform to enable an enhanced Internet experience for consumers."

"We have leveraged our systems expertise in digital signal processing to develop an embedded modem solution that uses as low as 1/10th the power of competing products," said Mark Mattson, TMS320C5000 DSP business development manager for TI. "Because the C54V90 chipset is enabled by a C5000™ programmable DSP it has the added benefit of allowing customers to run other algorithms on the same DSP, eliminating the need and cost of additional components."

"Consumers will continue to look for new products – and the smaller, the better – that make their lives more connected via the Internet," said Mike Wolf, director of enterprise and residential communications for Cahners In-Stat Group. "Components such as PCTEL's Solsis modem are an important enabler of this growth as manufacturers seek to crowd more systems features into less board space, yet maintain a product's high reliability and quality."

TI and PCTEL also plan to release a V.92 embedded modem chipset that will offer more symmetric data transmission speeds with higher upload bandwidth, faster handshaking time to achieve modem connection and a modem on hold feature that allows the modem connection to be sustained when a phone call occurs on the same line.

TI Offers a Broad Portfolio of Silicon and Tools Support

All 17 C5000 DSPs are code-compatible and offer industry-leading performance, small code size and the industry's lowest power consumption. TI DSPs are supported by eXpressDSP™ Real-Time Software Technology, which includes the

DSP/BIOS™ real-time kernel, the TMS320™ DSP Algorithm Standard, the Code Composer™ Studio Integrated Development Environment (IDE) and interoperable software from the industry's largest third-party network.

Availability

Samples of the C54V90 chipset are available today, with production scheduled to begin in 4Q01. Data sheets and product briefs describing the C54V90, as well as a development kit, are also available from TI. (See dspvillage.ti.com/v90pr)

About the Companies:

Texas Instruments Incorporated

Texas Instruments Incorporated is the world leader in digital signal processing and analog technologies, the semiconductor engines of the Internet age. The company's businesses also include materials and controls, and educational and productivity solutions. TI is headquartered in Dallas, Texas and has manufacturing or sales operations in more than 25 countries.

Texas Instruments is traded on the New York Stock Exchange under the symbol TXN. More information is located on the World Wide Web at www.ti.com

PCTEL

PCTEL (Nasdaq: PCTI), founded in March 1994, is driving the evolution of innovative, cost-effective personal connectivity solutions including analog soft modems, digital broadband, home networking and embedded Internet access technology. The company's market leadership has led to a wide-ranging and comprehensive portfolio of more than 49 broadband and analog communications patents, including the key and essential patents for HSP modem technology. PCTEL products are available to PC and data communications equipment manufacturers, as well as a variety of vertical market OEMs. PCTEL is located at 1331 California Circle, Milpitas, Calif., 95035. Telephone: (408) 965-2100. Fax: (408) 895-0178. For more information on PCTEL products, visit the PCTEL website at <http://www.pctel.com>.

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PCTEL is a registered trademark and Solsis is a trademark of PCTel Incorporated.

Safe Harbor Statement

Statements contained in this press release regarding the expected performance and production schedule of the C54V90, the expected performance and release of a V.92 embedded modem chipset, and other statements of management's beliefs, goals and expectations may be considered "forward-looking statements" as that term is defined in the Private Securities Litigation Reform Act of 1995, and are subject to risks and uncertainties that could cause actual results to differ materially from those expressed or implied by these statements. The following factors, as well as the factors discussed in TIs most recent Form 10-K or in PCTELs most recent Form 10-K, could cause actual results to differ materially from the statements contained in this press release: the accuracy of testing and simulation efforts, and the ability of TI to develop and manufacture products implementing the technologies. TI and PCTEL disclaim any intention or obligation to update any forward-looking statements as a result of developments occurring after the date of this press release.

This press release contains "forward-looking statements" within the meaning of Section 27A of the Securities Exchange Act of 1934, as amended. Actual results may differ materially from those projected as a result of certain risks and uncertainties. These risks and uncertainties include, but are not limited to; the cyclical nature of the semiconductor industry and the markets addressed by the companies and its customers' products; demand for and market acceptance of embedded Internet communications; development, demand, and market acceptance of Texas Instruments' DSP products, the ability to develop and implement new technologies and to obtain protection for the related intellectual property; as well as other risks and uncertainties, including but not limited to those detailed from time to time in the companies Securities and Exchange Commission filings. These forward-looking statements are made only as of the date hereof, and the companies disclaim any obligation to update or revise the information contained in any forward-looking statements, whether as a result of new information, future events or otherwise.

Statements that relate to the business of PCTEL or TI (such as statements regarding the products, services, market position of either company and the beliefs, goals and expectations of either company's management) are statements of such company, and their inclusion is not intended to constitute the other's approval, warranty or endorsement thereof.