CHANDLER, Ariz., May 24, 2001 [NASDAQ: MCHP] — Microchip Technology announced today that Delphi Automotive Systems is using the company’s innovative In-Circuit Serial Programming™ (ICSP™) technology to improve manufacturing efficiencies. The ICSP technology is a feature of Microchip’s PICmicro® microcontrollers, which are being used in controllers in Delphi’s vehicle applications. Microchip’s PIC18C658 CAN microcontroller is one of the latest design wins at Delphi.

Delphi uses the unique ICSP technology in these applications to enhance operation logistics and reduce manufacturing cycle time. ICSP technology allows the microcontroller to be programmed after being placed in a circuit board. Instead of ordering and stocking multiple microcontrollers for various versions of an electronic module, Delphi can order one microcontroller and then customize the device for a specific system as the module leaves the factory, thus reducing inventory challenges. As new software algorithms are developed to respond to changing market conditions, they can be implemented immediately in the manufacturing cycle without scrapping parts.

ICSP technology offers tremendous flexibility, reduces development time and manufacturing cycles, and improves time to market. ICSP also enables reduced cost of field upgrades, system calibration during manufacturing, the addition of unique identification codes to the system and calibration of the system in the field. Requiring only two I/O pins for most devices, Microchip offers the most non-intrusive programming available today.

- MORE -
ADD ONE – DESIGN WIN AT DELPHI

“In addition to meeting engineering’s requirement for high performance microcontrollers in automotive applications, our ICSP technology offers inherent benefits to the manufacturing, purchasing and marketing/sales functions within the organization,” said Dan Termer, Director of Microchip’s Automotive Products Group. “As the number of microcontrollers in vehicles grows, advantages such as the ICSP technology provides maximum design flexibility for OEMs and gives them a compelling, competitive advantage.”

The powerful PIC18C658 targets 8- and 16-bit microcontroller applications, offering 32K Bytes of one-time-programmable memory and 1,536 bytes of user RAM in a 68-pin package. The device features the Controller Area Network (CAN) 2.0B Active peripheral interface and 10 MIPS CPU allowing complex control algorithms and network interfaces to be executed on the same microcontroller.

For more information on Microchip’s products, contact Microchip’s Literature Line at 480.792.7668 or contact any authorized Microchip distributor around the world or visit Microchip’s website at http://www.microchip.com.

Multi-national Delphi Automotive Systems (NYSE: DPH) is a world leader in mobile electronics and transportation components and systems technology. Headquartered in Troy, Michigan, USA, Delphi’s three business sectors -- Dynamics & Propulsion; Safety, Thermal & Electrical Architecture; and Electronics & Mobile Communication -- provide comprehensive product solutions to complex customer needs. Delphi has approximately 211,000 employees and operates 190 wholly-owned manufacturing sites, 44 joint ventures, 53 customer centers and sales offices, and 31 technical centers in 42 countries. Regional headquarters are located in Paris, Tokyo and São Paulo.

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Microchip Technology Inc. manufactures the popular PICmicro® field-programmable RISC microcontrollers, which serve 8- and 16-bit embedded control applications, and a broad spectrum of high-performance linear and mixed-signal, power management and thermal management devices. The Company also offers complementary microperipheral products including interface devices; microID™ RFID devices; serial EEPROMs; and the patented KEELOQ® security devices. This synergistic product portfolio targets thousands of applications and a growing demand for high-performance designs in the automotive, communications, computing, consumer and industrial control markets. The Company's quality systems are ISO 9001 (1994 version) and QS9000 (1998 version) certified. Microchip is headquartered in Chandler, Arizona with design facilities in Mountain View, California and Bangalore, India; semiconductor fabrication facilities in Tempe and Chandler, Arizona and Puyallup, Washington; and assembly and test operations near Bangkok, Thailand. Microchip employs approximately 3,050 people worldwide and has sales offices throughout Asia, Europe, Japan and the Americas. More information on the Company can be found at www.microchip.com.

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