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## For Immediate Release!

### SEGGER Announces RTOS and Graphical Support for Microchip Technology's New 32-bit PIC32 Microcontroller Family

**Hilden, Germany – November 5, 2007** – SEGGER Microcontroller Systeme GmbH, one of the leading embedded software manufacturers, today announced that its software product tool chain—including embOS, the powerful easy to use RTOS; emWin, the very efficient GUI; and emFile, the high performance file system—is now available for the new PIC32 family of 32-bit microcontrollers from Microchip Technology Inc. [NASDAQ: MCHP], a leading provider of microcontroller and analog semiconductors. This builds off the companies' strong partnership, which includes embOS debugging capabilities in Microchip's MPLAB® Integrated Development Environment (IDE) toolchain and SEGGER support of Microchip's 16-bit microcontroller and Digital Signal Controller (DSC) product lines. The trial packages can be used free of charge for evaluation purposes.

“It is a great opportunity to be Microchip's partner for today's market introduction of the new PIC32 family. Microchip revolutionized the microcontroller business with easy-to-use, yet powerful, microcontrollers. SEGGER has established itself as a major player for middleware, supporting efficient programming of embedded microcontrollers,” said Robert Teufel, COO at Segger Microcontroller Systeme in Hilden, Germany.

“The processing power of the PIC32 family, coupled with the low-overhead design of embOS, ensures that customers have plenty of processing power for their application software,” said Patrick Johnson, director of Microchip's High Performance Microcontroller Division.

The fully featured multitasking embOS provides a migration path, with 100% identical APIs, across the new PIC32 32-bit MCU family, as well as Microchip's 16-bit PIC24 MCU and dsPIC33 DSC families. With debugging capabilities built into the free Microchip MPLAB IDE, embOS provides a free viewer that allows engineers to look into the system from the PC (including profiling). embOS is available in object and source code form, and comes as a single-developer license with no project limitations. Additional developer licenses and TCP/IP stacks can be purchased. embOS is royalty-free, and comes with six months of technical support and free updates. For more information contact [sales@segger.com](mailto:sales@segger.com).

emWin, the most efficient and comprehensive GUI available, is written in ANSI C, and supports any display controller and display. Besides the basic graphics libraries, emWin provides an array of complementary products, such as the Simulator, Font Converter or Bitmap Converter, which save significant amounts of time during development. Even with the wide variety of capabilities included in emWin, it is a highly efficient stack. To ensure the application does not extend past system memory requirements, only the elements of the emWin library that are selected will be used at compile time.

### **About SEGGER Microcontroller Systeme**

SEGGER Microcontroller Systeme GmbH develops and distributes software development tools and ANSI "C" software components (middleware) for embedded systems in several industries, such as telecom, medical technology, consumer electronics, automotive industry and industrial automation. SEGGER's software products include: embOS (RTOS), emWin (GUI), emFile (File System) and emUSB (USB device stack). Besides its highly efficient software products, SEGGER provides embedded hardware tools, such as the well-known J-TAG emulator J-Link and the Flasher (a stand-alone programmer). SEGGER's intention is to cut software development time for embedded applications by offering compact, flexible and easy-to-use middleware, allowing developers to concentrate on their applications.

### **About Microchip Technology**

Microchip Technology Inc. (NASDAQ: MCHP) is a leading provider of microcontroller and analog semiconductors, providing low-risk product development, lower total system cost and faster time to market for thousands of diverse customer applications worldwide. Headquartered in Chandler, Arizona, Microchip offers outstanding technical support along with dependable delivery and quality. For more information, visit the Microchip website at [www.microchip.com](http://www.microchip.com).

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