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Macraigor Systems Announces On-Chip Debug Support for Freescale i.MX31 Processors

BOSTON, MA—September 13, 2005—Macraigor Systems LLC today announced support for Freescale Semiconductor, Inc.'s high-performance i.MX31 and i.MX31L multimedia application processors. Debugging and control of this chip will be supported by all Macraigor debug solutions when it is used with the OCDemon family of products. OCDemon products offer the industry's most advanced, yet price-sensitive solution for designing, debugging and programming embedded hardware and application software.

Macraigor has added support for the Freescale i.MX31 processor family and has also updated the free, pre-built Gnu tools suite to include sample configurations for Freescale evaluation boards. These examples contain source, gdbinit and make files for each board. The demo program allows developers to build, download and debug via gdb using only two commands. In addition, Macraigor has committed to supporting future i.MX31 processor-based variants as they become available.

"Macraigor's OCDemon family of products offers an extensive feature set for embedded, low-power applications," said Monica Hamilton, director of Third-Party Business Development at Freescale Semiconductor. "Developers building thin clients, single-board computers, routers and set-top boxes now have robust debug capabilities geared for i.MX31 performance applications."

Advanced, Price-Sensitive Embedded Debug Solution

Macraigor's debug solutions include a broad range of hardware interface devices and application programs. These provide embedded systems engineers with a high degree of flexibility in selecting a host interface and an appropriate price/performance ratio for their embedded projects. Hardware debug devices are available with parallel, serial, USB or Ethernet connectivity to both Windows and Linux host machines.

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Debug application programs are available to support an embedded project through the entire development cycle, from troubleshooting a prototype hardware design to writing and debugging boot code, programming in-circuit Flash devices, developing application-level software and supporting manufacturing burn-in and testing.

"The Freescale i.MX31 architecture is designed to enable manufacturers of audio, video, graphics and communications products to meet and exceed users' price/performance demands," said Craig Haller, chief engineer at Macraigor Systems. "The OCDemon technology is a proven on-chip debug solution that will help to accelerate our customers' development of real-time processing applications."

About Macraigor Systems

Macraigor Systems LLC is a leading supplier of boundary scan-based hardware debug and BDM/JTAG connection solutions for on-chip debugging of 32 and 64-bit embedded microprocessors. Macraigor Systems' solutions are designed for price-sensitive customers. These solutions include a suite of software tools that support Windows 9x, NT, ME, XP, 2000, Linux and Solaris host systems. Macraigor Systems supports all major embedded microprocessor architectures, including AMD, ARM, CPU32 Series, PowerPC, MIPS and the XScale microarchitecture. For more information about Macraigor products, please visit www.macraigor.us.

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