For Immediate Release

ZF MICRO DEVICES' ZFX86 PC-ON-A-CHIP NOW SUPPORTED BY ONCORE SYSTEMS' POWERFUL EMBEDDED OS

The Next Step in Crash Resistant Embedded Computing

Palo Alto, C.A., June 5, 2001 -- ZF Micro Devices, Inc and OnCore Systems, today jointly announced that *OnCore Systems* embedded *OnCore OS* now offers support for *ZF Micro Devices ZFx86 PC-on-a-Chip.* The combination of the ZFx86 PC-on-a-Chip with the OnCore OS, in single or multi processor environments, provides a new level of crash protection and time-to-market advantages for embedded designers.

"The OnCore OS provides an additional layer of crash protection for embedded applications, on top of the established ZFx86 Failsafe™ internal crash detection and recovery features," said David Feldman, Founder and CEO of ZF Micro Devices, Inc.

"Based on a industrial strength microkernel technology, the OnCore OS is the first embedded real-time OS to be based on a virtual memory architecture, thus offering a new level of protection and resiliency for embedded systems, "said Chip Downing, President and CEO for OnCore Systems. "The OnCore OS, now available with support for the ZFx86, provides a robust foundation for mission critical applications that require stability and flexibility," said Downing.

OnCore OS

Highly optimized for the embedded market, the OnCore OS dynamically allocates Memory Management Unit (MMU) protected memory. By doing this, the OnCore OS literally "walls off" individual applications and processes from one another and the operating system itself, thus creating unique 'virtual computing environments'.

Using the OnCore OS, the entire system is protected from a rogue application. Should a single application or process fail to operate as designed, the problem will be isolated, thus protecting all other applications and the integrity of entire system from unplanned interruptions.

The OnCore OS also provides a powerful microkernel foundation that allows developers to use a variety of embedded Linux solutions with existing VxWorks®, PSOS®, MicroC/OS-II RTOS and POSIX applications, in concert with real-time tasks that demand response times in microseconds.

For increased overall system performance, the OnCore OS also provides an open distributed communications platform that supports transparent distributed messaging, which enables a smooth transition to a multiple processor or multi node-based designs.

About OnCore Systems

OnCore Systems Corporation provides hard real-time, highly resilient operating systems for mission-critical applications running on embedded designs powered by microprocessors from AMD, IBM, Intel, MIPS, Motorola and ZF Micro Devices. Additionally, OnCore provides embedded Linux solutions that deliver predictable, microseconds response times to real-time events in a fully protected memory environment, while maintaining 100% binary compatibility with Red Hat Linux applications. OnCore's scalable Linux for Real-Time™ embedded Linux usage models include using standard Linux, OnCore's Linux OnCall™ and Linux OnDemand™ products, along with a complete family RTOS APIs that can run simultaneously on top of OnCore's dynamic virtual memory-based microkernel. OnCore Systems also provides high availability solutions, software development tools and services to assist customers in meeting critical time-to-market demands.

OnCore Systems (http://www.OnCoreSystems.com), headquartered in Half Moon Bay, California, was founded in early 1999. For more information contact Info@OnCoreSystems.com or call Western US / International: 650-465-2222, Eastern US: 860-648-0681, Europe (UK): +44 (0) 1942 819581.

About ZF Micro Devices ZFx86 PC-on-a-Chip

ZF Micro Devices provides the ZFx86 PC-on-a-Chip, to enable customers to deliver innovative products faster. A low power consumption device measuring only 35mm by 35mm, the ZFx86

comes bundled with the run-time license for a fully implemented PhoenixBIOS™ from Phoenix Technology. The ZFx86, with the FailSafe™ System is the only X86 PC-on-a-Chip that boots autonomously on application of power and can operate even if system DRAM and Flash are unavailable. The patented FailSafe™ System also allows upgrades over the Internet, while eliminating the possibility of irrecoverable crashes. Using its proprietary Z-Tag™ interface, the ZFx86 can re-program system Flash at a fast 2M-bits per second, rather than the usual 19.6Kbaud, reducing potential downtime dramatically.

With an expanding range of reference design material available from the ZF Micro Devices web site, the ZFx86 delivers key enabling technologies for embedded applications by providing PC system functionality at a chip-level size and price. The ZFx86 is available from distributor stock on a worldwide basis.

ZF Micro Devices has pioneered FailSafe systems since it's founding in 1995. ZF Micro Devices enables its customers to bring profitable, innovative, crash-immune systems to market faster than their competitors, by delivering low power (½ Watt) PC systems at a chip size and price. The company recently changed its name from ZF Linux Devices. Corporate headquarters are located at 1052 Elwell Court, Palo Alto, CA 94303 USA: toll-free: 800-683-5943; tel: 650-965-3800; fax: 650-965-4050; e-mail: info@zfmicro.com; web: www.zfmicro.com. In Europe, ZF Micro Devices can be reached at +33-(0) 1-41-80-04-10. In South America, call +54-11-4543-0049.

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