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IMMEDIATE RELEASE

ZF Micro Solutions ZFx86-based Motherboard for Legacy Applications Introduced by Electronic Solutions Associates

November 9, 2010: Palo Alto, CA and Oldsmar, FL –Today **Electronic Solutions Associates** announces the introduction of the [ESA-486AVR](#) industrial PC Motherboard based on the ZF Micro Solutions [ZFx86 FailSafe® PC-on-a-Chip](#). Shipments are scheduled to begin November 15, 2010 starting at \$319.00 each at quantity 10.

The ESA-486AVR was designed to fill the void left by the discontinuation of the i80486 and AMD-SC520. Many legacy applications run robust reliable software that is costly to re-write and re-verify. The ESA-486AVR allows legacy 286/386/486 software to run with little or no modification or re-verification.

The ESA-486AVR includes the ultra-low power ZFx86™ System-on-Chip, 8MB SDRAM (32MB and 128MB avail.), Silicon Motion graphics controller with 4MB internal memory, 8 ISA slots, one PCI and one mini-PCI slot. It includes 2 Serial & 1 Parallel port, 1 FDD and 2 IDE headers.

The Baby-AT form factor Motherboard is FCC and CE certified, has AT and ATX power connectors, a Speaker, Reset Button, Power LED, HDD LED, Watchdog Timer and GPIO input set up in a standard format along with AT Keyboard connector and PS/2 KB & mouse headers. There is a bootable CompactFlash connector on board that uses no extra memory addresses.

The software included with each board is the ZF embedded Phoenix BIOS and a DR-DOS 7.0 license which eliminates additional licensing costs or porting.

Tony Proia, President of Electronic Solutions Associates, said, “ESA has been providing industrial computing solutions since 1996, and as engineers we understand the need for long life boards with robust components.”

David Feldman, President of ZF Micro Solutions, added, “ZF is proud to be the supplier of the ZFx86 for this new product from ESA, a company that like ZF Micro Solutions is committed to long-product life to meet the needs of the embedded and industrial control markets.”

About ZF Micro – ZF is a privately held semiconductor company focused on long-term embedded control applications. ZF Micro Solutions is located at 926 Industrial Avenue, Palo Alto, CA 94303

About ESA – ESA is an industrial computing solution provider that produces custom industrial workstations, servers, and subsystem solutions to the industrial, medical, municipal, and military sectors. Electronic Solutions Associates is located at 803 Stevens Avenue, Oldsmar, FL 34677