

**Press Release****InnovASIC Replacement ICs for AMD® Am186/Am188 16-Bit Microcontrollers in Production**

*Albuquerque, New Mexico, December 5, 2003* Replacement IC developer InnovASIC, Inc. announced it has completed extensive testing of replacement integrated circuits for the AMD® Am186/Am188 family of 16-Bit and 8-Bit Embedded Microcontrollers at numerous customer sites and the devices are now in production. Albuquerque-based InnovASIC developed the replacement integrated circuits in response to continued demand for this family of microcontrollers after AMD® discontinued manufacture of these devices. These microcontrollers are common components in embedded applications. The availability of InnovASIC's replacement IC offers customers a competitively priced, long-life alternative to designing the discontinued devices out of their systems while avoiding the costs associated with lifetime buys.

InnovASIC's versions of the ICs are identified as the IA186ES, IA188ES, IA186EM, and IA188EM. Features include 5-volt operation and operating frequencies up to 40-MHz. The IA186 and IA188 are software-compatible with the AMD® devices and are available in industry standard 100-pin Quad Flat Packages. Production units are now available for testing, with unit pricing for volume production under \$10.

InnovASIC produces replacement ICs using its MILEST™, or Managed IC Lifetime Extension System, digital cloning technology. MILEST™ consists of a proprietary methodology, copyrighted software and advanced EDA tools to clone the original IC. This technology produces complex replacement ICs that are drop-in compatible with the original IC. MILEST™ captures the design of a clone so it can be produced even as silicon technology advances. MILEST™ also verifies the clone against the original IC so that even the "undocumented features" are duplicated. Today, many of InnovASICs replacement IC products are operating in the systems built by major defense contractors, Fortune 500 electronics manufacturers, niche high-tech companies, and specialty service providers.

For more information, contact Mike Berg, V.P., Sales and Marketing, at 505.883.5263 x128 or email inquiries to [replacement.ic@innovasic.com](mailto:replacement.ic@innovasic.com). Visit InnovASIC's website at [www.innovasic.com](http://www.innovasic.com). Corporate headquarters are located at 3737 Princeton NE, Suite 130, Albuquerque, New Mexico, 87107.

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