

Press Release**InnovASIC to Produce 80186/80188 Replacement ICs**

Albuquerque, New Mexico, December 3, 2001 Replacement IC developer InnovASIC, Inc. announced today it will produce replacement integrated circuits for the AMD® Am186/Am188 family of 16-Bit and 8-Bit Embedded Microprocessors. Albuquerque-based InnovASIC is developing the replacement integrated circuits in response to continued demand for this family of microprocessors. 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.

In support of this effort, InnovASIC has licensed the V186 soft IP core from VAutomation as the heart of the InnovASIC replacement. VAutomation's 80186 soft IP cores are software compatible with the AMD® 80186/80188 and include support for the AMD® Am186EM and Am186ES peripheral sets. The V186 core has a proven history of successful integration into embedded designs, making it the best choice for InnovASIC's replacement IC design.

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. Alpha site testing will begin in the first quarter of 2002, with production available for testing in the third quarter 2002, with unit pricing for volume production under \$10.

InnovASIC produces replacement ICs using its MILES™, or Managed IC Lifetime Extension System, cloning technology. MILES™ 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. MILES™ captures the design of a clone so it can be produced even as silicon technology advances. MILES™ also verifies the clone against the original IC so that even the "undocumented features" are duplicated. Today, many of InnovASIC's 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 further information, contact Mike Berg, V.P., Sales and Marketing, at 505.883.5263 x128 or email inquiries to replacement.ic@innovasic.com. Visit InnovASIC's website at www.innovasic.com. Corporate headquarters are located at 3737 Princeton NE, Suite 130, Albuquerque, New Mexico, 87107.

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