



**Advanced Microcomputer Systems, Inc.**  
1460 SW 3rd Street • Pompano Beach, FL 33069  
Phone (954) 784-0900 • Fax (954) 784-0904  
E-Mail: [info@advancedmsinc.com](mailto:info@advancedmsinc.com)

## For Immediate Release

### Contact:

Mr. Raj Shah, President  
Advanced Microcomputer Systems  
Voice: (800) 972-3733  
(954) 784-0900  
Fax: (954) 784-0904  
E-mail: [info@advancedmsinc.com](mailto:info@advancedmsinc.com)

## Low Cost Electronic CAD Learning Tool

Raj Shah, President of AMS, Inc., today announced the availability and shipping of **Circuit Creator Tutor™ Electronic CAD learning tool** for community colleges and technical schools. The software includes printed Circuit Board Layout Editor, Schematic design and capture software with built-in automatic router. The package also includes a 400-page student workbook, *Electronic CAD Made Easy*, and an instructor's manual.

The student workbook explains each operation in great detail — from schematic entry, to creating a symbol, to PCB layout. It also includes student review questions at the end of each chapter, while the instructor's manual provides the answers.

The product is available from stock, directly from Advanced Microcomputer Systems, Inc. The site license for Circuit Creator Tutor Pro™ version has a suggested retail price of \$695. Circuit Creator Std™ has a suggested retail price of \$295.

“Circuit Creator™ is the most complete and comprehensive electronic design system available for Windows 95/98 2000 and NT computers,” said Shah. The Circuit Creator system includes the best selling Logic Creator™ Schematic Design and Capture software. This software provides facilities for full hierarchical schematic creation, and editing, while providing on-line, on-demand context sensitive help. Users can design up to “E” size schematics in a single file, with additional

sheets linked using hierarchical designs.

The most important modules of Circuit Creator™ are Board Creator™-printed circuit board design software, and the Route Creator™ – PC board automatic router software. Board Creator™ includes the ability to interactively and automatically check for errors and design rules while editing. It allows interactive component placement, support for blind and buried vias, as well as automatic footprint mirroring for surface mount device support.

According to Terry Harte, AMS Chief Engineer, “Logic Creator provides a full design rule and error checking environment. It helps engineers design out errors, thus providing an essential tool for Quality-By-Design. Go directly from schematic design to error-free PCB artwork or easily import an existing design into Circuit Creator™”, said Harte.

The software includes important features that are available only in high-end products.

- a user-expandable symbol library of over 25,000 components that allows user-defined symbols to be added easily.
- object oriented parts and symbols with DeMorgan equivalents, rotation and mirroring of parts from a single definition.
- symbols are vector based allowing more flexibility. Automatic rerouting of connections of moved symbols makes Schematic routing very easy.
- true bezier curves instead of curved lines makes Logic Creator™ very flexible to use. Line widths and colors may be assigned to specific schematic elements for improved clarity and understanding.

Circuit Creator™ software includes additional features: copper pouring, support for 32 inch by 32 inch large board size, and up to 256 multi-layer board designs. The Board Creator™ has a built in one-click Gerber and Laser Photo plot output feature. The software supports RS274D and RS274X Gerber file formats. It also allows the user to view photoplot files.

Advanced Microcomputer Systems, Inc. is a privately held Florida Corporation, founded in 1981 to develop, manufacture, and market enhancement products for IBM PC compatible personal computers. AMS manufactures and markets a broad line of ISA and PCI boards, Data Acquisition Boards, plus Tutor/Trainer Kits from its Pompano Beach, Florida facilities, and is a leader in Electronics CAE/CAD software products. AMS has become a leading supplier to the Micro computer OEM, reseller, and engineering marketplaces.

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