



# University Basic ROM kit. Now available for TM990/189 module. On-board. Or off.

We've added another option to our TM990/189 University Module. Now, in addition to the I/O and RAM expansion kits previously offered, you can buy the TM990/189-1 module with a University Basic ROM kit on-board, and get new hardware features, too. Features like:

- 1K byte of extra RAM
- Asynchronous communication port
- Off-board CRU expansion

All for the attractive price of \$399\*.

With the TM990/469 Basic ROM kit, standard 189 modules provide "hands-on" training for students and engineers who want to learn a high-level language like Power Basic. The kit also supports a subset of the Power Basic commands and statements including SAVE and LOAD. Unique color commands such as TONE, COLOR, PATTERN and SPRITE work with TI's TMS9918 Video Display Processor. Another feature is the ability to access assembly

language routines from the University Basic programs.

When purchased separately, the ROM kit costs only \$110\*.

Of course, the standard TM990/189 is still available. And, it's still your best ticket into the microprocessor world. For maximum hands-on experience. For ease and simplicity of learning and teaching about microprocessors, hardware, and assembly language.

Outstanding features for the standard fully assembled TM990/189 stand-alone learning tool include:

- Powerful 16-bit microprocessor with minicomputer instruction set.
- 45-key alphanumeric keyboard and 10-digit, 7-segment display for easy *assembly language* programming.
- ROM-resident software
- Audio cassette interface
- Easy-to-add EIA and TTY interface
- 1K byte RAM expandable to 2K

- 4K byte ROM and 2K byte expansion EPROM socket.
- 16-bit programmable I/O controller.
- User addressable LEDs and sound indicator.

A 570-page tutorial text accompanies the TM990/189. It's a detailed guide for self-paced learning. Or, the basis for a three-hour university course. Also with the module: a 300-page user's guide.

The TM990/189 complete with tutorial text and user's guide is only \$299\*.

Order your University Module from your nearest authorized Texas Instruments distributor. For more information, send for a free copy of our newly revised brochure, CL-423B. Write to Texas Instruments Incorporated, P.O. Box 1443, M/S 6404, Houston, Texas 77001.



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\*U.S. price, subject to change without notice.  
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