

NMIS-0025 NEC V25 CPU CARD

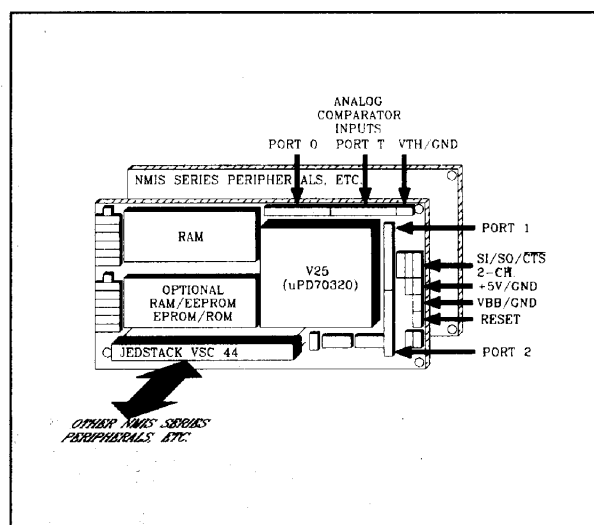
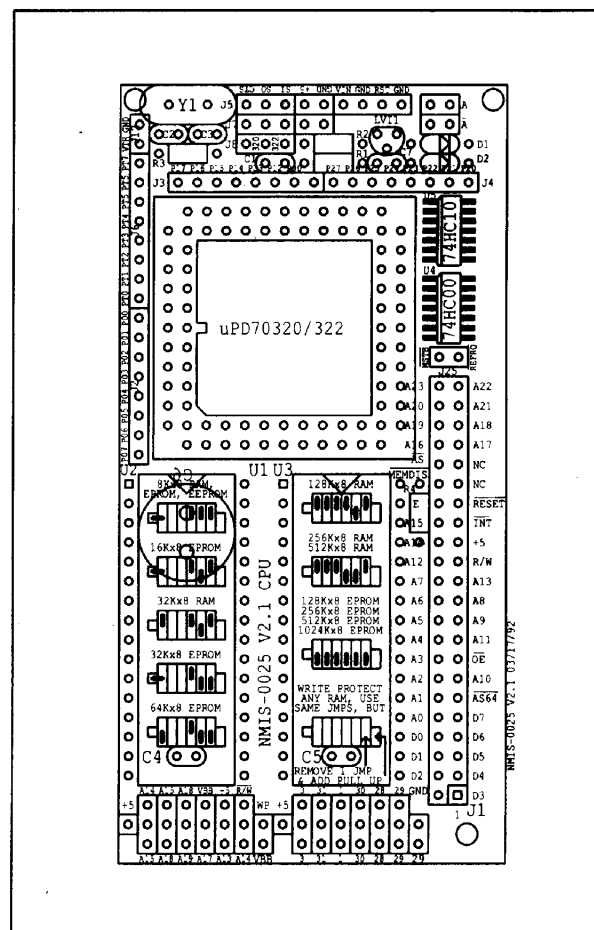
The NMIS-0025 is New Micros' NEC-V25-based CPU board for the 2x4"s™ board series. A valuable feature of the NMIS-0025 is its code compatibility with the IBM PC's processor, offered on a miniature board format.

FEATURES

- V25 CPU with 16-bit internal architecture
- Software compatible with 8086/8088
- Programmable Interrupt Controller
- Two DMA controller channels
- 3 parallel ports
- 2 Asynchronous Serial Channels
- 8-channel Voltage Comparator
- Time Base Counter
- 16-bit Timer
- Programmable Wait State Generator
- 1/4K RAM
- 1M address space
- Two 32-pin JEDEC memory sockets
- Flexible address decoding, socket assignments
- Battery backup circuits for memory
- 44-pin JEDSTACK™ Vertical Stacking Connector (VSC-44)
- Low power (45mA w/2-32K RAMs at 8 MHz)

The NMIS-0025 is a complete system, ready to run dedicated applications. Only the addition of the user program is required, in its battery backed RAM, or in a user-supplied ROM/EPROM/EEPROM.

The 2x4"s™ series of computer boards were designed with low power operation and minimal size in mind. The 2x4"s™ are the perfect building blocks when designing systems or stand alone single board computers. They were named 2x4"s™ for their size, 2 x 4 inches, and to emphasize their similarity in concept to the popular mechanical building block.



Application

NMIS-0025
NEC V25 CPU CARD
2x4"s

