

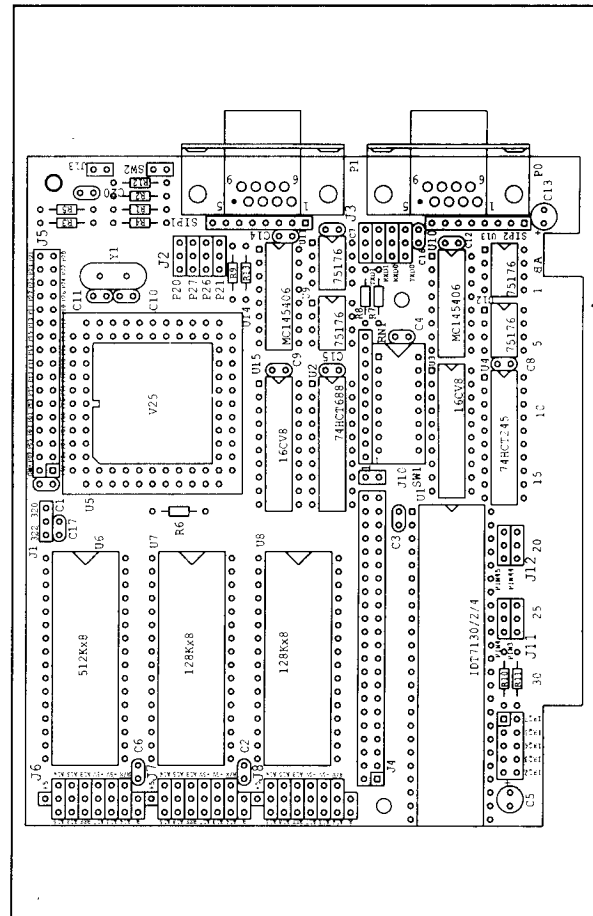
NMIP-0025 NEC V25 CPU CARD

The NMIP-0025 is New Micros' NEC-V25-based CPU coprocessor board for the PC. A valuable feature of the NMIP-0025 is its code compatibility with the PC's processor, offered on a half card format.

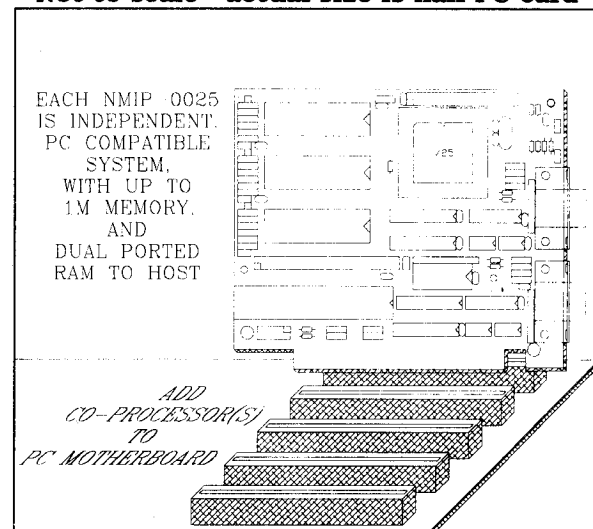
FEATURES

- 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 internal to the processor
- 1M address space
- Three 32-pin JEDEC memory sockets
- Flexible address decoding, socket assignments
- Battery backup circuits for memory
- 44-pin JEDSTACK™ Vertical Stacking Connector (VSC-44)
- 1,2 or 4K dual ported RAM to host

The NMIP-0025 is a coprocessor tightly coupled to the host system by dual ported RAM. Communications can be handled through this dual ported RAM. Tasks can be off loaded from the host to run unattended on the NMIP-0025. Intelligent serial channels, data loggers and servo motor control systems are some possible uses. These are more aptly run by a coprocessor without the burden of system overhead. The host needs only to "check once in a while", leaving the time intensive operations to the dedicated coprocessor. The NMIP-0025 has a VSC-44 bus connector. It is compatible with the New Micros NMIT and NMIS series peripherals. The VSC-44 bus is local to the NMIP-0025, free from the PC's bus activity.



Not to scale - actual size is half PC card



Application

NMIP-0025
NEC V25 CPU CARD
XT Series

