

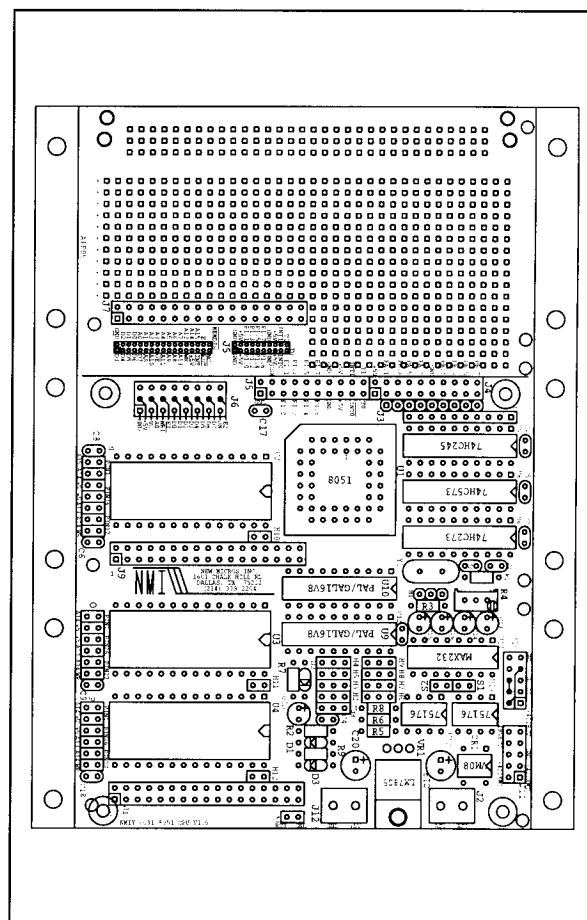
NMIY-0031 8051 CPU CARD

The NMIY-0031 is the 8051-based CPU board for the NMI "100 Squared"™ board series.

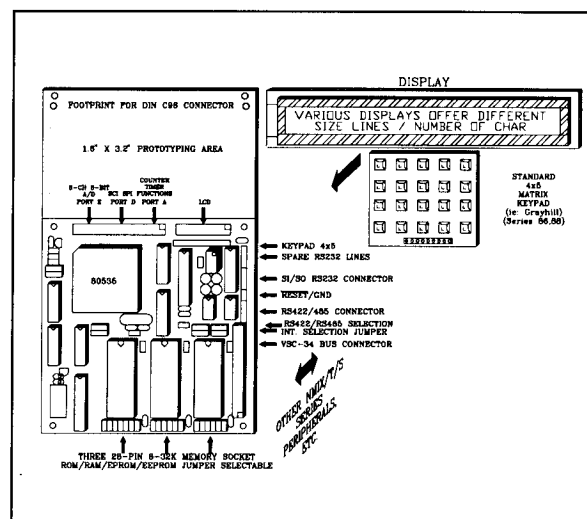
FEATURES

- 8031 CPU (8051 architecture)
- 1 parallel port
- Full Duplex Serial Ch. RS-232, 422, or 485
- Two 16-bit timer/counters
- Boolean Processor
- 218 directly addressable bits
- 5 Interrupt sources
 - 2 ext., 2 timer, 1 serial
- 8K RAM
- 128K address space
- Three 28-pin JEDEC memory sockets
- Flexible address decoding, socket assignments
- Three 34-pin JEDSTACK™ Vertical Stacking Connector (VSC) sites
(Connectors available as option, or separately)
- With VSC's installed, acts as motherboard
- Prototype site accepts peripheral direct mount, without needing VSC connector
- 8051 Monitor installed
- MaxTerm communications utility on disk
- Small C, Max-FORTH™, BASIC51 programming language on disk
- Manuals provided on disk
- Extensive applications examples in Small C, Max-FORTH™, BASIC51, Assembly on disk

The NMIY-0031 is a complete system, ready to develop, or run, dedicated applications. Simply supply +5V regulated power, attach a host RS-232 port, and begin programming. Then, the user program can be held in RAM, or by a user-supplied ROM/EPROM/EEPROM.



Actual size 121x160mm (~4.75x6")



Application