

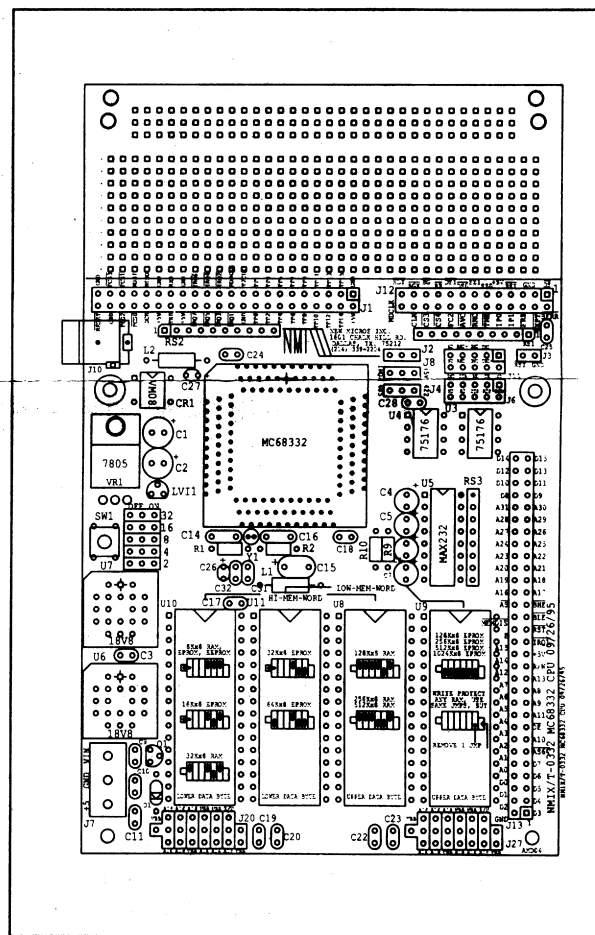
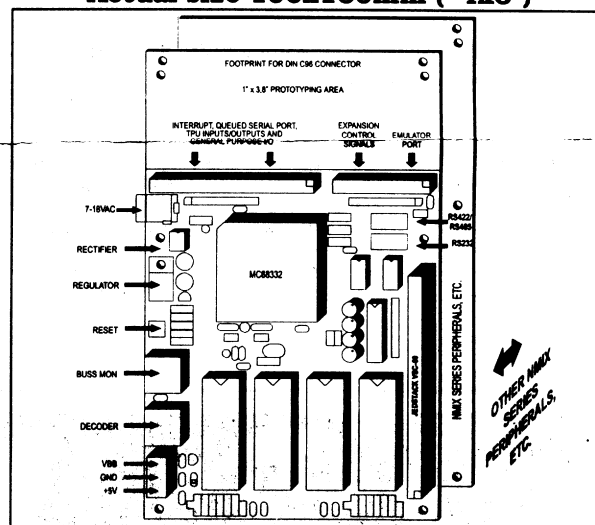
**NMIX-0332 68332 CPU CARD**

The NMIX-0332 is a highly featured, 68332-based CPU board in the NMI Eurocard board series.

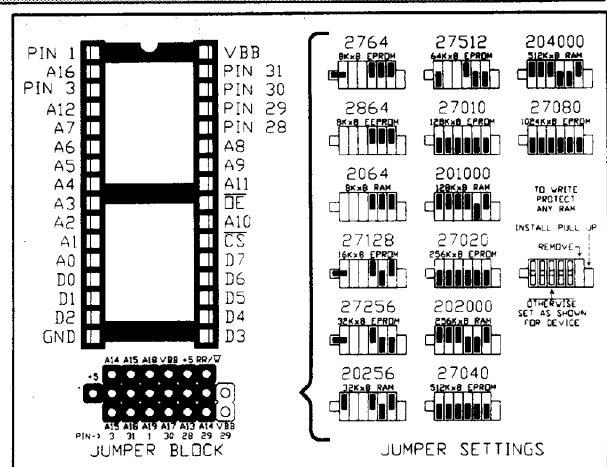
FEATURES

- 68332 CPU (CPU32)
 - 16.78 MHz operation from 32KHz osc. (Software Programmable)
 - Up to 24M program & data space
- Time Processing Unit (TPU)
 - 16 independent, programmable channels
 - Any channel can perform any function, Input Capture, Output Compare, PWM, etc.
 - 2 Timer Count Registers with 2-bit prescale
- Queued Serial Module (QSM)
 - 1 Asynchronous Serial Ch. RS-232, 422, or 485
 - 1 Synchronous Serial Channel, TTL
- System Integration Module (SIM)
 - Programmable chip selects
 - Watchdog timer, clock and bus monitor
 - Periodic Interrupt Timer
- Flexible decode circuitry
 - ROM uses 2 programmable 1M chip selects
 - RAM uses 2 programmable 1/2M chip selects
 - Optional protection from bus error
 - Programmable DSACK timing response
- Four 32-pin JEDEC memory sockets
 - Up to 2M EPROM and 1M RAM on-board
 - Any 28-32-pin JEDEC device in any sockets
 - 1M PSRAM installed in two sockets, standard
- Battery backup circuits for memory
- 60-pin JEDSTACK™ Vertical Stacking Connector (VSC-60™)

The NMIX-0332-PS is a complete system, ready to develop, or run, dedicated applications. If a high level development language is installed, such as Max-FORTH™, simply plug in the supplied 5V, regulated, wall transformer, attach a host RS-232 port, and begin programming. The program can be held in its battery backed RAM, during testing. In final application, the user program can be added by a user-supplied ROM/EPROM/EEPROM.

**Actual size 100x160mm (~4x6")****Application****NMIX-0332****68332 CPU CARD****"Eurocard"**

"Eurocard"



32-Pin JEDEC Memory Sockets

The NMIX-0332 makes a cost effective system solution, particularly when 68332 features, CMOS low power, small size and development ease are factors. High Level Language support includes FORTH and Assembly Language. PC based C Compilers and Cross Assemblers are planned, with many available from third party vendors.

WORLDWIDE REPRESENTATIVES

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