64k/256k Memory Board

MEMORY DEVICES

May use any of the following:

- 4116 (200nS 16k × 1 bit dynamic memories.)
- 4516 (200nS +5V only 16k × 1 bit dynamic memories.)
- 4164 (200nS +5V only 64k × 1 bit dynamic memories.)

SPEED

Guaranteed to operate at 4MHz with no wait states. (Will operate at 6MHz with one wait state.)

MEMORY SIZE

16k to 256k bytes.

MEMORY MANAGEMENT

The memory management circuit allows the memory board to be divided into as many as 16 banks with the following features:

- Each bank is made up of 4k byte segments that can be individually enabled or disabled.
- The size of each bank can be varied in increments of 4k bytes.
- Each bank can be located on any 4k boundary.
- There are on-board jumpers that select which banks are enabled or disabled during system RESET.
- The PHANTOM signal disables output of data from the memory board.

These features provide the flexibility to duplicate popular bank select methods (Cromemco/Alpha Micro and Northstar for example) and yet allow custom partitioning for special applications to minimize memory waste.

CPU SELECTION

Through the use of jumpers the memory board timing can be adjusted to allow operation with a wide range of 8080, Z-80, 8085, or Alpha Micro processors.

EXTENDED WAIT STATES

Upon system RESET, or if there has not been a memory cycle within the required time, the memory board is disabled and on-board refresh is initiated.

WARRANTY

64k/256k Memory Board is warranted against defects in materials and workmanship for a period of one year from date of shipment. For the exact terms of the warranty, please consult the user's manual.

Specifications are subject to change without notice.

TELETEK

9767F Business Park Drive
Sacramento, CA 95827
(916) 361-1777

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