M628
Block-Bank Address Card

The M628 module contains two 2-position switches, a 2-bit adder, and output gating logic. A maximum of three M628 modules are used in one MX15A memory multiplexer. Address bits 03 and 04 are modified by the module to select the desired memory bank in the PDP-15 system. The module also contains a set of input-output connections that can be jumpered to select a specific memory block.

The following are the input, output, and power characteristics of the M628 module.

INPUTS: D1 presents 5.25 unit loads and C1 presents 2.25 unit loads.

OUTPUTS: L1 and K1 are capable of driving 12 unit loads each, while L2 and K2 can drive only 9 unit loads.
E2 and H2 are open-collector outputs capable of sinking up to 100 mA (maximum).
Total propagation delay through the adder and one driver is 100 ns (maximum).

POWER: Power dissipation of the M628 module is 5V at 150 mA (maximum).