M135
NAND Gates

The M135 module contains eight high-speed 3-input NAND gates that perform the function NOT (A·B·C). These gates are most commonly used for decoding, comparison, and control. Unused inputs on any gate must be returned to a source of logic 1 for maximum speed and immunity. Propagation delay of an M135 gate is 10 ns (maximum).

The following are the input, output, and power characteristics of the M135 module.

INPUTS: Each input presents 1.25 unit loads.

OUTPUTS: Each output is capable of driving 12.5 unit loads.

POWER: Power dissipated in the M135 module is 5V at 90 mA (maximum).