

M621 Data Bus Drivers

The M621 module contains six open-collector AND-NOR gate drivers. Two separate data inputs can be strobed through each driver. The strobe inputs are common to all six drivers. Propagation delay with a 68Ω resistive load is 55 ns (maximum) for outputs going HIGH and 35 ns (maximum) for outputs going LOW.

The following are the input, output, and power characteristics of the M621 module.

INPUTS: Data inputs present 1.25 unit loads. Strobe inputs present 8 unit loads.

OUTPUTS: Each driver output can sink 100 mA to ground.

POWER: Power dissipation of the M621 module is 5V at 200 mA.