

DM7091/DM8091 quad 2-input NAND buffer

general description

The DM7091/DM8091 has characteristics similar to the DM5440/DM7440 (SN5440/SN7440) dual 4-input NAND gate/buffer, but is configured as a quad NAND gate. It is used instead of conventional NAND gates for driving large numbers of TTL loads, long interconnection lines, clock drive in synchronous logic systems, and similar functions. The DM7091/DM8091 will also operate small lamps and relays. Key features are:

- Series 54/74 compatible
- Fanout of 30
- 50 mA drive current
- Noise immunity of 1V typical, 400 mV guaranteed
- Input clamp diodes.

connection diagram

