

**DM74H00(SN74H00) quad 2-input NAND gate**

**DM74H04(SN74H04) hex inverter**

**DM74H10(SN74H10) triple 3-input NAND gate**

**DM74H20(SN74H20) dual 4-input NAND gate**

**DM74H30(SN74H30) 8-input NAND gate**

**general description**

These TTL gates and inverter operate with about half the typical propagation delays of the same logic functions in Series 74 and have higher current ratings. However, the two series are completely compatible and may be used in combination. Key features are:

- Typical propagation delays down to 6 ns
- Typical DC noise margin of 1V and low susceptibility to AC noise
- Fanout of 10 Series 74H loads and 12 Series 74 loads.

**connection diagrams**

