



# New Products

## DM1800(MC1800) dual 5-input gate DM1801(MC1801) dual 5-input gate

### general description

The DM1800 and DM1801 are five-input NAND gates that are completely compatible with other devices in National's DTL 930 series. The DM1800 has a 6K pullup resistor and the DM1801 is the 2K option.

Typical power dissipation is 11 mW per gate. Maximum ratings agree completely with other DTL gates. Features include:

■ Operating power supply	5.0V
■ Maximum power supply (continuous)	8.0V
■ Logic "1" output level (max at 25°C)	2.6V
■ Logic "0" output level (max at 25°C)	0.45V
■ Logic "1" input level (min at 25°C)	1.9V
■ Logic "0" input level (max at 25°C)	1.1V
■ Typical noise immunity	1.0V

### connection diagram

