



PRODUCT NAME : CD4030 Quad EXCLUSIV
E-OR Gate

PRICE : Rs 29.00

SKU : RM1628



DESCRIPTION

The CD4030B is a DIP IC having consists of four independent Exclusive-OR gates. The CD4030B provides the system designer with a means for direct implementation of the Exclusive-OR function. The CD4030B types are supplied in 14-lead hermetic dual-in-line ceramic packages (F3A suffix), 14-lead dual-in-line plastic packages (E suffix), 14-lead small-outline packages (M, MT, M96, and NSR suffixes), and 14-lead thin shrink small-outline packages (PW and PWR suffixes).

Features of CD4030 Quad EXCLUSIVE-OR Gate:

- Medium-speed operation— t_{PHL} , t_{PLH} = 65 ns (typ.) at V_{DD} = 10 V, C_L = 50 pF.
- 100% tested for quiescent current at 20 V.
- Standardized, symmetrical output characteristics.
- 5-V, 10-V, and 15-V parametric ratings.
- Maximum input current of 1 μ A at 18 V over full package-temperature range; 100 nA at 18 V and 25°C.
- Noise margin (over full package-temperature range):
 - 1 V at V_{DD} = 5 V.
 - 2 V at V_{DD} = 10 V .
 - 2.5 V at V_{DD} = 15 V.

Applications of CD4030 Quad EXCLUSIVE-OR Gate:

- Even and odd-parity generators and checkers.
- Logical comparators.
- Adders/sub tractors.
- General logic functions.

Also Searched as : **cd4030 schematic, cd4030 datasheet pdf, cd4030 datasheet, fairchild semiconductor cd4030, intersil cd4030, cd4030 cmos quad exclusive, 4070 quad xor gate datasheet, cd4030be datasheet.**