
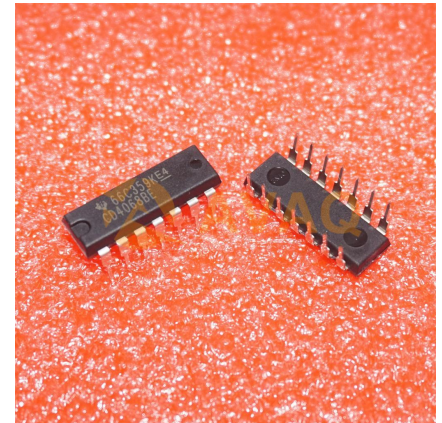


AND/NAND Gate 1-Element 8-IN CMOS 14-Pin PDIP Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	DIP
Product Type:	Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

CD4068B NAND/AND gate provides the system designer with direct implementation of the positive-logic 8-input NAND and AND functions and supplements the existing family of CMOS gates.

The CD4068B 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).

Key Features

Medium Speed Operation: t_{PHL} , t_{PLH} = 75 ns (typ.) at $V_{DD} = 10$ V

Buffered inputs and outputs

5-V, 10-V, and 15-V parametric ratings

Standardized symmetrical output characteristics

100% tested for quiescent current at 20 V

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

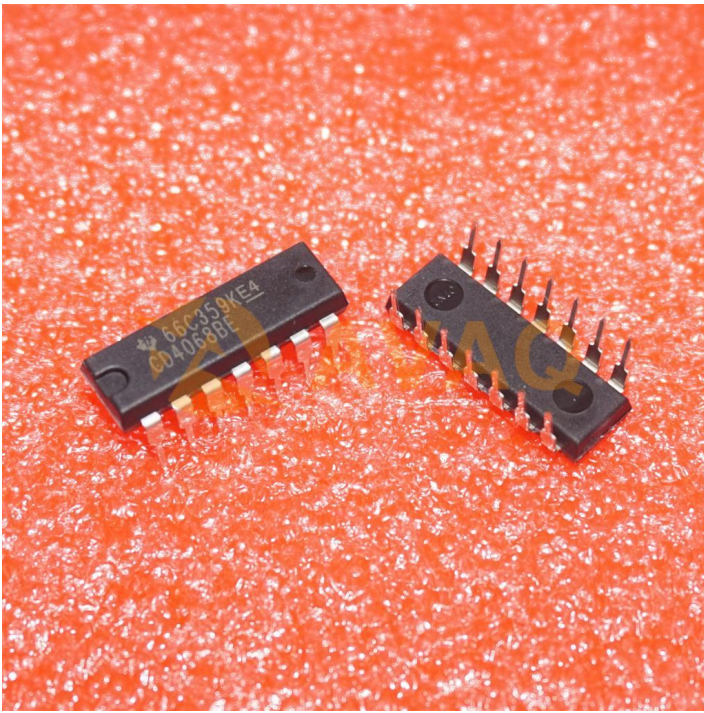
Meets all requirements of JEDEC Tentative Standard No. 13B, "Standard Specifications for Description of 'B' Series CMOS Devices"

Data sheet acquired from Harris Semiconductor

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Recommended For You

CD4070BE

Texas Instruments, Inc

DIP14

CD74HCT138E

Texas Instruments, Inc

DIP16

CD4098BE

Texas Instruments, Inc

DIP

CD74HC08E

Texas Instruments, Inc

DIP

CD74HC4075E

Texas Instruments, Inc

DIP

CD74ACT74E

Texas Instruments, Inc

DIP-14

CD74HC75E

Texas Instruments, Inc

DIP

CD4504BE

Texas Instruments, Inc

DIP16

CD4081BE

Texas Instruments, Inc

DIP14

CD4001BE

Texas Instruments, Inc

DIP14

CD4512BE

Texas Instruments, Inc

DIP16

CD4069UBE

Texas Instruments, Inc

DIP14

CD74HCT151E

Texas Instruments, Inc

DIP

CD74HC04M

Texas Instruments, Inc

SOP14

CD4013BE

Texas Instruments, Inc

DIP14