
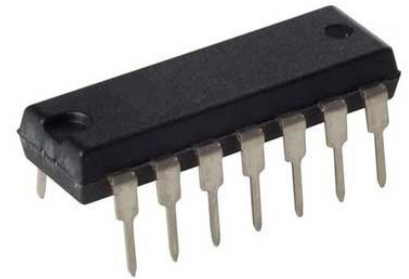


## OR Gate 2-Element 4-IN CMOS 14-Pin PDIP Tube

<b>Manufacturer:</b>	<a href="#">Texas Instruments, Inc</a>
<b>Package/Case:</b>	DIP14
<b>Product Type:</b>	Logic ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

CD4071B, CD4072B and CD4075B OR gates provide the system designer with direct implementation of the positive-logic OR function and supplement the existing family of CMOS gates.

The CD4071B, CD4072B, and CD4075B 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 -  $t_{PLH}$ ,  $t_{PHL}$  = 60 ns (typ.) at  $V_{DD}$  = 10 V

100% tested for quiescent current at 20 V

Maximum input current of 1  $\mu$ A at 18 V over full package-temperature range; 100 nA at 18 V and 25°C

Standardized, symmetrical output characteristics

Noise margin (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

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

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

**CD4068BE**

Texas Instruments, Inc  
DIP

**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