
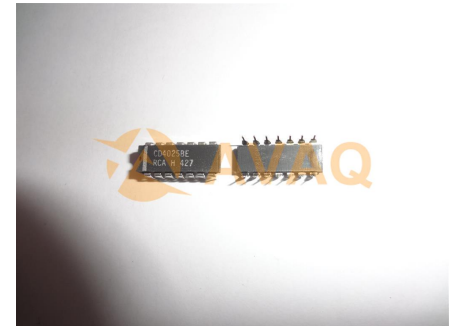


## NOR Gate 3-Element 3-IN CMOS 14-Pin PDIP Tube

<b>Manufacturer:</b>	<u>Texas Instruments, Inc</u>
<b>Package/Case:</b>	DIP-14
<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

CD4001B, CD4002B, and CD4025B NOR gates provide the system designer with direct implementation of the NOR function and supplement the existing family of CMOS gates. All inputs and outputs are buffered.

The CD4001B, CD4002B, and CD4025B 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

Propagation delay time = 60 ns (typ.) at CL = 50 pF, VDD = 10 V

Buffered inputs and outputs

Standardized symmetrical output characteristics

100% tested for maximum quiescent current at 20 V

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

Maximum input current of 1  $\mu$ 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 VDD = 5 V 2 V at VDD = 10 V 2.5 V at VDD = 15 V

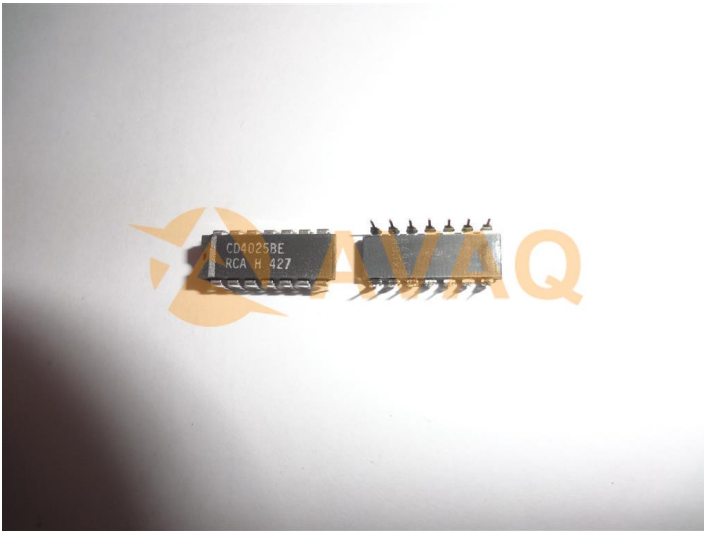
Meets all requirements of JEDEC Tentative Standard No. 13B, "Standard Specifications for Description of 'B' Series CMOS Devices"

Data sheet acquired from Harris Semiconductor

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## Recommended For You

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### **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