
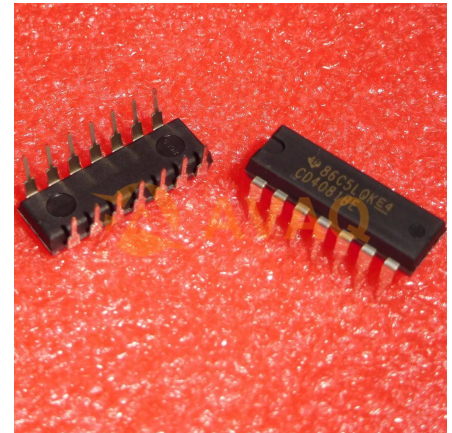


## AND Gate 4-Element 2-IN CMOS 14-Pin PDIP Tube

<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

CD4073B, CD4081B and CD4082B AND gates, provide the system designer with direct implementation of the AND function and supplement the existing family of CMOS gates.

The CD4073B, CD4081B, and CD4082B 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

Noise margin (full package-temperature range) =

1 V at  $V_{DD}$  = 5 V

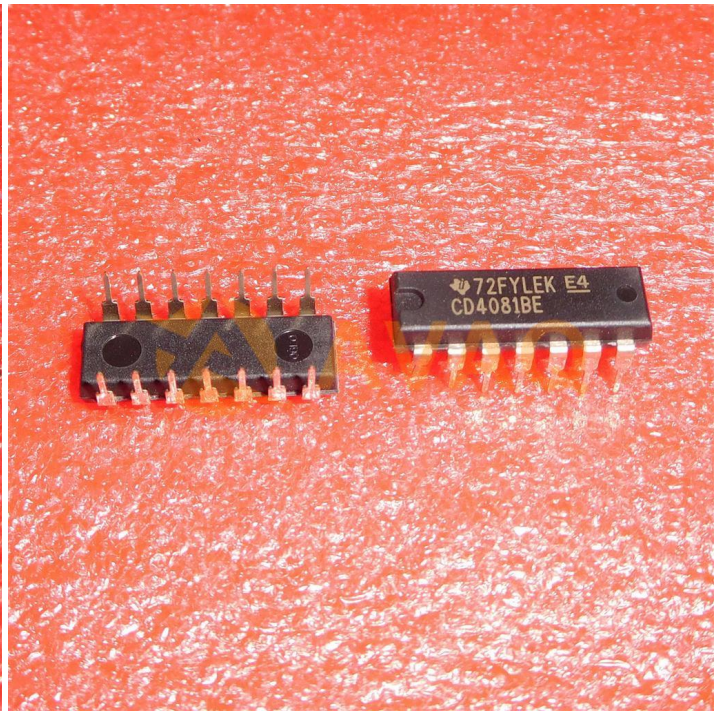
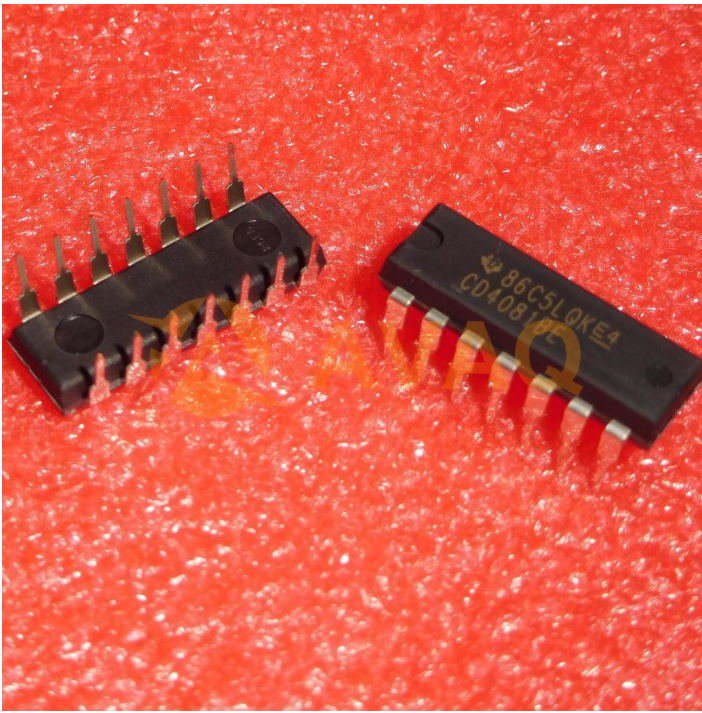
2 V at  $V_{DD}$  = 10 V

2.5 V at  $V_{DD}$  = 15 V

Standardized, symmetrical output characteristics

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"



## 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

### **CD74ACT174E**

Texas Instruments, Inc

DIP-14

### **CD74HC75E**

Texas Instruments, Inc

DIP

### **CD4504BE**

Texas Instruments, Inc

DIP16

### **CD4068BE**

Texas Instruments, Inc

DIP

### **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