

## AND Gate 4-Element 2-IN CMOS 14-Pin SOIC T/R

**Manufacturer:** [Texas Instruments, Inc](#)

**Package/Case:** SOP14

**Product Type:** Logic ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

CD74AC08M96 Image

Images are for reference only

[Inquiry](#)

### General Description

The 'AC08 devices are quadruple 2-input positive-AND gates. These devices perform the Boolean function  $Y = A \cdot B$  or  $Y = (A \vee B) \vee$  in positive logic.

### Key Features

AC Types Feature 1.5-V to 5.5-V Operation and Balanced Noise Immunity at 30% of the Supply Voltage

Speed of Bipolar F, AS, and S, With Significantly Reduced Power Consumption

Balanced Propagation Delays

Buffered Inputs

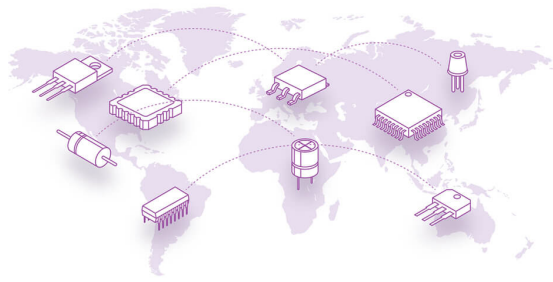
$\pm 24$ -mA Output Drive Current  
Fanout to 15 F Devices

SCR-Latchup-Resistant CMOS Process and Circuit Design

Exceeds 2-kV ESD Protection Per MIL-STD-883, Method 3015

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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