
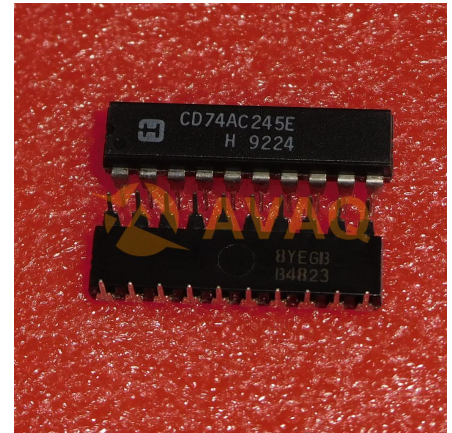


Bus XCVR Single 8-CH 3-ST 20-Pin PDIP Tube

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

The 'AC245 and 'ACT245 are octal-bus transceivers that utilize Advanced CMOS Logic technology. They are non-inverting three-state bidirectional transceiver-buffers intended for two-way transmission from "A" bus to "B" bus or "B" bus to "A". The logic level present on the direction input (DIR) determines the data direction. When the output enable input (OE) is HIGH, the outputs are in the high-impedance state.

Key Features

Buffered Inputs

Typical Propagation Delay - 4ns at VCC = 5V, TA = 25°C, CL = 50pF

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

SCR-Latchup-Resistant CMOS Process and Circuit Design

Speed of Bipolar FAST[®]/AS/S with Significantly Reduced Power Consumption

Balanced Propagation Delays

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

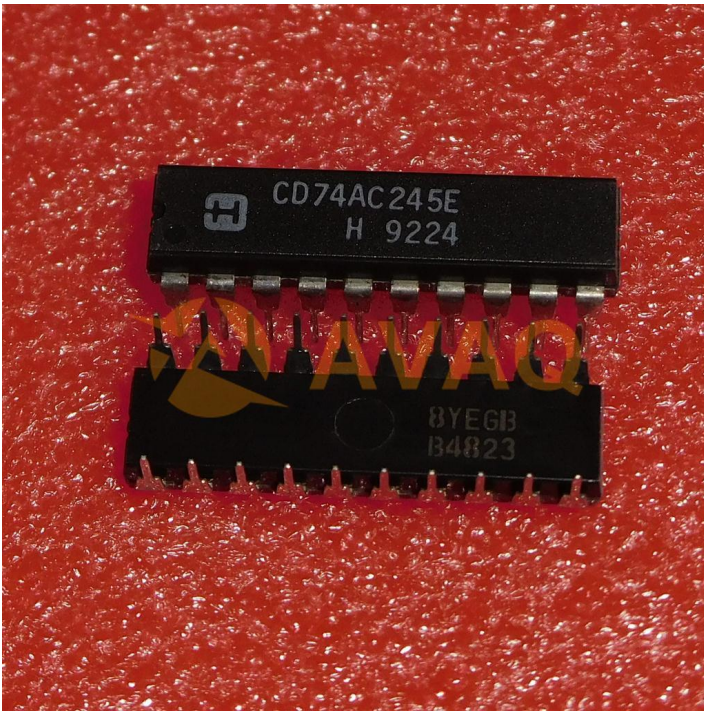
±24mA Output Drive Current - Fanout to 15 FAST[®] ICs - Drives 50 Transmission Lines

Characterized for operation from -40° to 85°C

FAST[®] is a Trademark of Fairchild 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