


Quad Receiver RS-422/RS-423 16-Pin SOIC Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	SOP16
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The AM26C32 device is a quadruple differential line receiver for balanced or unbalanced digital data transmission. The enable function is common to all four receivers and offers a choice of active-high or active-low input. The 3-state outputs permit connection directly to a bus-organized system. Fail-safe design specifies that if the inputs are open, the outputs always are high. The AM26C32 devices are manufactured using a BiCMOS process, which is a combination of bipolar and CMOS transistors. This process provides the high voltage and current of bipolar with the low power of CMOS to reduce the power consumption to about one-fifth that of the standard AM26LS32, while maintaining AC and DC performance.

Key Features

Meets or Exceeds the Requirements of ANSI TIA/EIA-422-B, TIA/EIA-423-B, and ITU Recommendation V.10 and V.11

Low Power, $I_{CC} = 10$ mA Typical

± 7 -V Common-Mode Range With ± 200 -mV Sensitivity

Input Hysteresis: 60 mV Typical

$t_{pd} = 17$ ns Typical

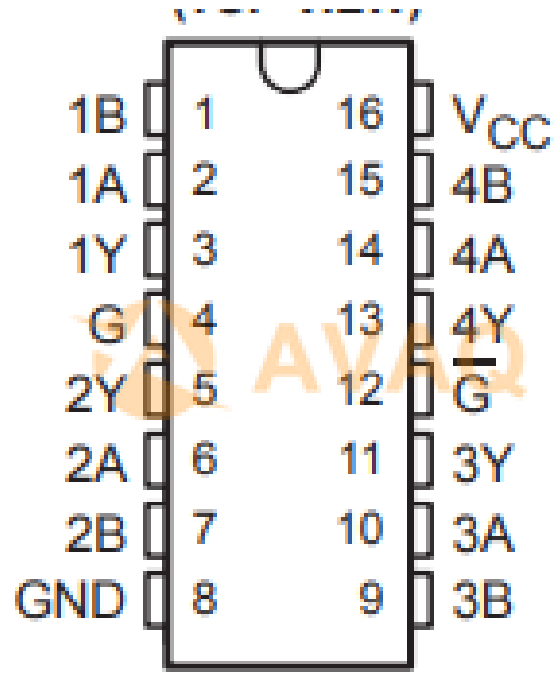
Operates From a Single 5-V Supply

3-State Outputs

Input Fail-Safe Circuitry

Improved Replacements for AM26LS32 Device

Available in Q-Temp Automotive



Recommended For You

AM26LS31CD

Texas Instruments, Inc

SOP16

TFP401AMPZPEP

Texas Instruments, Inc

HTQFP100

AM26LS31CDR

Texas Instruments, Inc

SOP16

AM26C32CN

Texas Instruments, Inc

DIP16

AM26LS33ACN

Texas Instruments, Inc

DIP16

AM26C31QDR

Texas Instruments, Inc

SOP16

AM26C32QD

Texas Instruments, Inc

SOP

AM26LS32ACDR

Texas Instruments, Inc

SOP16

AM26C31HPWR

Texas Instruments, Inc

TSSOP16

AM26C32IPWR

Texas Instruments, Inc

TSSOP-16

AM26C31HDBR

Texas Instruments, Inc

SSOP-16

AM26C31HDR

Texas Instruments, Inc

SOP16

AM26LS33ACDR

Texas Instruments, Inc

SOP16

AM26C31HDRG4

Texas Instruments, Inc

SOP16

AM26C32MJB

Texas Instruments, Inc

CDIP