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

Manufacturer:	Texas Instruments, Inc
Package/Case:	DIP16
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free RoHS
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	**TFP401AMPZPEP**	**AM26LS31CDR**
Texas Instruments, Inc	Texas Instruments, Inc	Texas Instruments, Inc
SOP16	HTQFP100	SOP16

AM26LS33ACN	**AM26C31QDR**	**AM26C32QD**
Texas Instruments, Inc	Texas Instruments, Inc	Texas Instruments, Inc
DIP16	SOP16	SOP

AM26LS32ACDR	**AM26C31IPWR**	**AM26C32CD**
Texas Instruments, Inc	Texas Instruments, Inc	Texas Instruments, Inc
SOP16	TSSOP16	SOP16

AM26C32IPWR	**AM26C31IDBR**	**AM26C31IDR**
Texas Instruments, Inc	Texas Instruments, Inc	Texas Instruments, Inc
TSSOP-16	SSOP-16	SOP16

AM26LS33ACDR	**AM26C31IDRG4**	**AM26C32MJB**
Texas Instruments, Inc	Texas Instruments, Inc	Texas Instruments, Inc
SOP16	SOP16	CDIP