


Quad Receiver RS-422/RS-423 Automotive 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

1. AM26LS32A Devices Meet or Exceed the Requirements of ANSI TIA/EIA-422-B, TIA/EIA-423-B, and ITU Recommendations V.10 and V.11
 2. AM26LS32A Devices Have ± 7 -V Common-Mode Range With ± 200 -mV Sensitivity
 3. AM26LS33A Devices Have ± 15 -V Common-Mode Range With ± 500 -mV Sensitivity
 4. Input Hysteresis . . . 50 mV Typical
 5. Operate From a Single 5-V Supply
 6. Low-Power Schottky Circuitry
 7. 3-State Outputs
 8. Complementary Output-Enable Inputs
 9. Input Impedance . . . 12 k Minimum
 10. Designed to Be Interchangeable With Advanced Micro Devices AM26LS32 and AM26LS33
- Description :** The AM26LS32A and AM26LS33A devices are s for balanced and 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 ensures that, if the inputs are open, the outputs always are high. Compared to the AM26LS32 and the AM26LS33, the AM26LS32A and AM26LS33A incorporate an additional stage of amplification to improve sensitivity. The input impedance has been increased, resulting in less loading of the bus line. The additional stage has increased propagation delay; however, this does not affect interchangeability in most applications. The AM26LS32AC and AM26LS33AC are characterized for operation from 0°C to 70°C. The AM26LS32AI is characterized for operation from -40°C to 85°C. The AM26LS32AM and AM26LS33AM are characterized for operation over the full military temperature range of -55°C to 125°C.

Key Features

Meet or exceed requirements of ANSI TIA/EIA-422-B, TIA/EIA-423-B, ITU recommendations V.10 and V.11

±7V common mode range with ±200mV sensitivity

Supply voltage range from 4.75V to 5.25V

Input hysteresis is 50mV

Low power schottky circuitry

Complementary output enable inputs

Input impedance of 15Kohm

Operate from single 5V supply

Designed to interchangeable with advanced micro devices AM26LS32 and AM26LS33

Operating temperature range from 0°C to 70°C

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

AM26C31IPWR

Texas Instruments, Inc

TSSOP16

AM26C32CD

Texas Instruments, Inc

SOP16

AM26C32IPWR

Texas Instruments, Inc

TSSOP-16

AM26C31HDBR

Texas Instruments, Inc

SSOP-16

AM26C31HDR

Texas Instruments, Inc

SOP16

AM26LS33ACDR

Texas Instruments, Inc

SOP16

AM26C31HDRG4

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