


Quad Transmitter RS-232 14-Pin PDIP Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	DIP14
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SN75C188 is a monolithic, low-power, quadruple line driver that interfaces data terminal equipment with data communications equipment. This device is designed to conform to ANSI Standard EIA/TIA-232-E.

An external diode in series with each supply-voltage terminal is needed to protect the SN75C188 under certain fault conditions to comply with EIA/TIA-232-E.

The SN75C188 is characterized for operation from 0°C to 70°C.

H = high level, L = low level, X = don't care

Key Features

Bi-MOS Technology With TTL and CMOS Compatibility

Meets or Exceeds the Requirements of ANSI EIA/TIA-232-E and ITU Recommendation V.28

Very Low Quiescent Current...95 uA Typ $V_{CC\pm} = \pm 12$ V

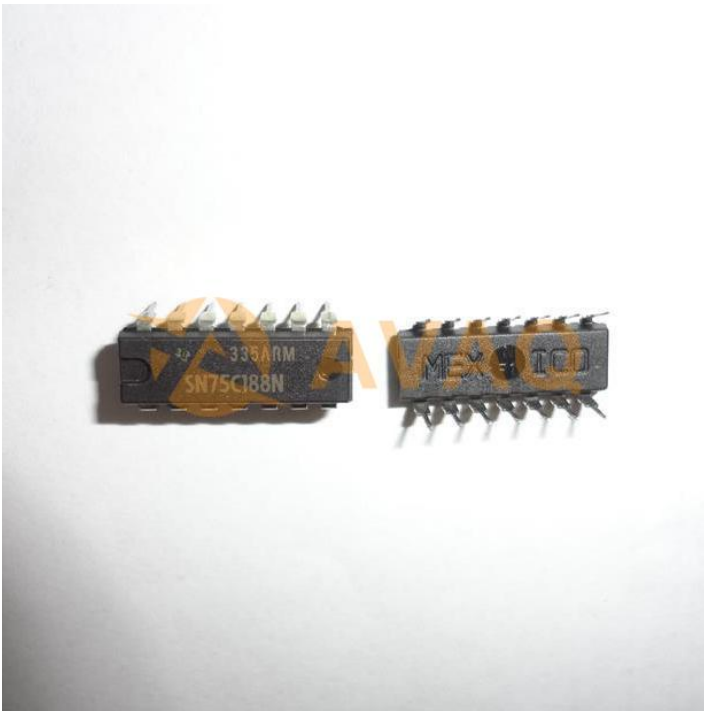
Current-Limited Outputs...10 mA Typ

CMOS-and TTL-Compatible Inputs

On-Chip Slew Rate Limited to 30 V/us max

Flexible Supply Voltage Range

Characterized at $V_{CC\pm}$ of ± 4.5 V and ± 15 V



Recommended For You

SN65LV1224BDBR

Texas Instruments, Inc
SSOP28

SN75173N

Texas Instruments, Inc
DIP

SN65LBC179D

Texas Instruments, Inc
SOP8

SN75176AD

Texas Instruments, Inc
SOP-8

SN65LVDS3486D

Texas Instruments, Inc
SOP-16

SN65HVD33MDREP

Texas Instruments, Inc
SOP-14

SN65LVDS3487D

Texas Instruments, Inc
SOP16

SN65LBC175AD

Texas Instruments, Inc
SOP-16

SN65LVDS31PW

Texas Instruments, Inc
TSSOP-16

SN75176AP

Texas Instruments, Inc
DIP8

SN65LVDS33D

Texas Instruments, Inc
SOP-16

SN65LVDS32D

Texas Instruments, Inc
SOP-16

SN65LVDS31D

Texas Instruments, Inc
SOP

SN75175D

Texas Instruments, Inc
SOP

SN75175N

Texas Instruments, Inc
DIP