

UART 2-CH 5V 68-Pin PLCC Tube

Manufacturer: [Texas Instruments, Inc](#)

Package/Case: PLCC68

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The TL16C451 and TL16C452 provide single- and dual-channel (respectively) serial interfaces along with a single Centronix-type parallel-port interface. The serial interfaces provide a serial-to-parallel conversion for data received from a peripheral device or modem and a parallel-to-serial conversion for data transmitted by a CPU. The parallel interface provides a bidirectional parallel data port that fully conforms to the requirements for a Centronix-type printer interface. A CPU can read the status of the asynchronous communications element (ACE) interfaces at any point in the operation. The status includes the state of the modem signals (CTS\, DSR\, RLSD\, and RI) and any changes to these signals that have occurred since the last time they were read, the state of the transmitter and receiver including errors detected on received data, and printer status. The TL16C451 and TL16C452 provide control for modem signals (RTS\ and DTR\), interrupt enables, baud rate programming, and parallel-port control signals.

Key Features

Integrates Most Communications Card Functions From the IBM PC/AT/XT or Compatibles With Single- or Dual-Channel Serial Ports

TL16C451 Consists of One TL16C450 Plus Centronix Printer Interface

TL16C452 Consists of Two TL16C450s Plus a Centronix-Type Printer Interface

Fully Programmable Serial Interface Characteristics:
5-, 6-, 7-, or 8-Bit Characters

Even-, Odd-, or No-Parity Bit Generation and Detection

1-, 1 1/2-, or 2 Stop-Bit Generation

Programmable Baud Rate (dc to 256 kbit/s)

Fully Double Buffered for Reliable Asynchronous Operation

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Recommended For You

TLV320AIC23BIPWR

Texas Instruments, Inc
TSSOP28

TLV320AIC3104IRHBR

Texas Instruments, Inc
QFN32

TL16C554AIPN

Texas Instruments, Inc
LQFP80

TLV320AIC3101IRHBR

Texas Instruments, Inc
QFN32

TL16C554APN

Texas Instruments, Inc
LQFP80

TLV320AIC24KIPFBR

Texas Instruments, Inc
TQFP-48

TL16C554PN

Texas Instruments, Inc
QFP

TLV320AIC24KIPFB

Texas Instruments, Inc
TQFP-48

TL16C752BLPTREP

Texas Instruments, Inc
LQFP-48

TL16C550DIPFBR

Texas Instruments, Inc
48-TQFP

TLC320AC01CFN

Texas Instruments, Inc
PLCC28

TL16C552AFN

Texas Instruments, Inc
PLCC

TL16C450FN

Texas Instruments, Inc
PLCC44

TL16C554FN

Texas Instruments, Inc
PLCC

TLV320AIC311RHBR

Texas Instruments, Inc
VQFN32