


Bus Switch 2-Element CMOS 2-IN 8-Pin TSSOP T/R

Manufacturer:	Texas Instruments, Inc
Package/Case:	TSSOP8
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SN74CBT3306PWR is a 6-bit high-speed bus switch IC designed to enable bidirectional signal switching between different buses or devices in electronic systems. It provides a low resistance path for signal transmission while maintaining signal integrity.

Key Features

6-Bit Bus Switch: The SN74CBT3306PWR contains six independent bidirectional bus switches, allowing for simultaneous switching of multiple signals.

Low ON Resistance: It features low ON resistance, minimizing signal attenuation and distortion when the switch is in the "ON" state.

Fast Switching Speed: The IC offers fast switching speed, allowing for quick signal propagation and response times.

Wide Operating Voltage Range: It typically operates within a wide voltage range, enabling compatibility with various supply voltage levels.

Low Power Consumption: The IC is designed to have low power consumption, making it suitable for battery-operated and low-power applications.

ESD Protection: The IC incorporates built-in electrostatic discharge (ESD) protection, helping to safeguard against damage from static electricity.

Application

Data Buses and Interfaces

Signal Routing and Multiplexing

Memory Modules

Test and Measurement Equipment

Communication Systems



Recommended For You

SN74HC4066N

Texas Instruments, Inc
DIP14

SN74CBTD3384DW

Texas Instruments, Inc
SOIC

SN74CBT3244PWR

Texas Instruments, Inc
TSSOP20

SN74CBT3253CD

Texas Instruments, Inc
SOIC-16

SN74CB3T3306DCUR

Texas Instruments, Inc
VSSOP-8

SN74LVC2G53DCUR

Texas Instruments, Inc
VSSOP8

SN74LVC2G53DCTR

Texas Instruments, Inc
TSSOP8

SN74CB3T3245PW

Texas Instruments, Inc
TSSOP20

SN74CB3Q16211DGVR

Texas Instruments, Inc
TSSOP

SN74CBTLV3251PWR

Texas Instruments, Inc
TSSOP-16

SN74HC4851QPWRQ1

Texas Instruments, Inc
TSSOP16

SN3257QPWRQ1

Texas Instruments, Inc
TSSOP16

SN74LVC2G66QDCURQ1

Texas Instruments, Inc
VSSOP8

SN74CB3T16212DGGR

Texas Instruments, Inc
TSSOP-56

SN74CBT3345PW

Texas Instruments, Inc
TSSOP20