

Bus Switch 2-Element CMOS 10-IN 24-Pin SOIC Tube

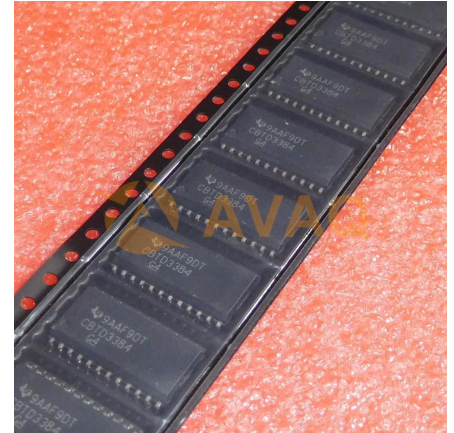
Manufacturer: [Texas Instruments, Inc](#)

Package/Case: SOIC

Product Type: Switches

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The SN74CBTD3384DW is a 10-bit level shifting bus switch IC that allows for bidirectional voltage level translation between two independent voltage domains. It enables the connection and translation of digital signals between different voltage levels.

Key Features

10-Bit Level Shifting: The SN74CBTD3384DW has ten independent bidirectional level shifting channels, allowing for simultaneous level shifting of multiple signals.

Voltage Level Translation: It is designed to translate logic signals between two different voltage domains, providing seamless interfacing between different voltage levels.

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

High-Speed Switching: It offers high-speed switching capabilities, allowing for fast signal propagation and response times.

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

Wide Operating Voltage Range: It typically operates within a wide voltage range, allowing for compatibility with different voltage levels and signal types.

Application

Logic Level

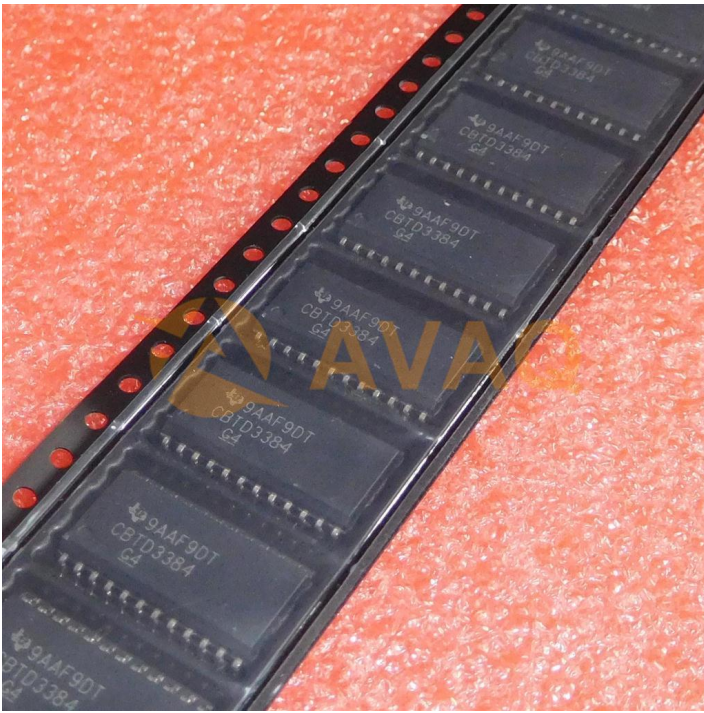
Translation

Data Buses and
Interfaces

Mixed Voltage
Systems

Battery-Powered
Devices

Embedded Systems



Recommended For You

SN74HC4066N

Texas Instruments, Inc
DIP14

SN74CBT3306PWR

Texas Instruments, Inc
TSSOP8

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