SN74CBTLV3257PW

Multiplexer/Demultiplexer Bus Switch 1-Element CMOS 8-IN 16-Pin TSSOP Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	TSSOP16
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

The SN74CBTLV3257 device is a 4-bit 1-of-2 high-speed FET multiplexer/demultiplexer. Thelow on-state resistance of the switch allows connections to be made with minimal propagationdelay.
The select (S) input controls the data flow. The FET multiplexers/demultiplexers aredisabled when the output-enable (OE) input is high.
This device is fully specified for partial-power-down applications usingIoff. The Ioff feature ensures that damaging currentwill not backflow through the device when it is powered down. The device has isolation during poweroff.
To ensure the high-impedance state during power up or power down,OE should be tied to VCC through a pullup resistor;the minimum value of the resistor is determined by the current-sinking capability of thedriver.

Key Features

5-ΩSwitch Connection Between Two Ports

Rail-to-Rail Switching on Data I/OPorts

Ioff SupportsPartial-Power-Down Mode Operation

Latch-Up Performance Exceeds 100 mA Per JESD78, Class II

ESD Protection Exceeds JESD 22
2000-VHuman-Body Model (A114-A)

200-V Machine Model(A115-A)

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Recommended For You

SN74S38N

Texas Instruments, Inc

DIP

SN7438N

Texas Instruments, Inc

DIP14

SN75462P

Texas Instruments, Inc

DIP8

SN74F08D

Texas Instruments, Inc

SOP-14

SN74LS257BN

Texas Instruments, Inc

DIP16

SN75452BP

Texas Instruments, Inc

DIP8

SN74LS245DW

Texas Instruments, Inc

SOP20

SN74LS74AN

Texas Instruments, Inc

DIP

SN74S74N

Texas Instruments, Inc

DIP

SN7406N

Texas Instruments, Inc

DIP-14

SN74CBTLV3257D

Texas Instruments, Inc

SOP-16P

SN74HC138DR

Texas Instruments, Inc

SOP16

SN74LS14N

Texas Instruments, Inc

DIP

SN74HC139N

Texas Instruments, Inc

DIP

SN74AVC16T245DGGR

Texas Instruments, Inc

TSSOP48