


Multiplexer/Demultiplexer Bus Switch 1-Element CMOS 8-IN 16-Pin VQFN EP T/R

Manufacturer:	Texas Instruments, Inc
Package/Case:	VQFN16
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SN74CB3Q3257 device is a high-bandwidth FET bus switch utilizing a charge pump to elevate the gate voltage of the pass transistor, providing a low and flat ON-state resistance(ron).

Key Features

High-Bandwidth Data Path(up to 500 MHz)

5-V Tolerant I/Os With Device Powered Up or Powered Down

Low and Flat ON-State Resistance (ron) Characteristics OverOperating Range (ron= 4 ? Typical)

Rail-to-Rail Switching on Data I/O Ports

0- to 5-V Switching With 3.3-V VCC

0- to 3.3-V Switching With 2.5-V VCC

Bidirectional Data Flow With Near-Zero Propagation Delay

Low Input and Output Capacitance Minimizes Loading and Signal Distortion(Cio(OFF) = 3.5 pF Typical)

Fast Switching Frequency (f SCDA008.

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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