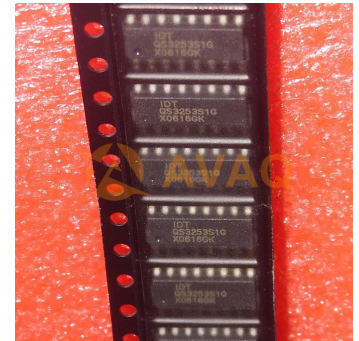


Multiplexer/Demultiplexer Bus Switch 1-Element CMOS 8-IN 16-Pin SOIC N Tube



Images are for reference only

Manufacturer: [Renesas Technology Corp](#)

Package/Case: SOP

Product Type: Switches

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

The QS3253 is a high-speed CMOS TTL-compatible dual 4:1 multiplexer/ demultiplexer with 3-state outputs. The QS3253 is function and pinout compatible version of the 74F253, 74FCT253, and the 74ALS/AS/ LS253 dual 4:1 multiplexers. The low ON resistance of the QS3253 allows inputs to be connected to outputs without adding propagation delay and without generating additional ground bounce noise. The QS3253 operates at -40C to +85C.

Key Features

Enhanced N channel FET with no inherent diode to Vcc

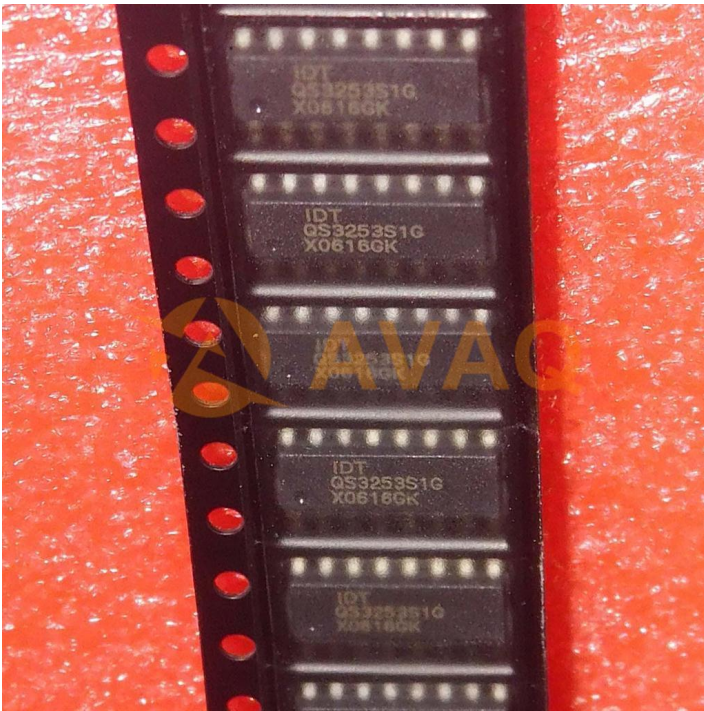
5 ohm bidirectional switches connect inputs to outputs

Zero propagation delay, zero ground bounce

Undershoot clamp diodes on all switch and control inputs

TTL-compatible control inputs

Available in 16 pin QSOP and S1 packages



Recommended For You

QS3253S1G8

Renesas Technology Corp

SOP

QS3390QG8

Renesas Technology Corp

SSOP28

QS3VH251QG

Renesas Technology Corp

QSOP16

QS3VHI6233PAG8

Renesas Technology Corp

TSSOP56

QS3257S1G8

Renesas Technology Corp

SOP16

QS4A201QG8

Renesas Technology Corp

QSOP-24

QS4A201QG

Renesas Technology Corp

SOP

QS3VH257S1G8

Renesas Technology Corp

SOP16

SSTVFI6857AG

Renesas Technology Corp

TSSOP

74FCTI62244ATPVG

Renesas Technology Corp

SSOP-48

EL1528CLZ

Renesas Technology Corp

QFN24

HA1-2556-9

Renesas Technology Corp

DIP-16

EL1537BIREZ

Renesas Technology Corp

TSSOP-28

HA1-2546-5

Renesas Technology Corp

CDIP16

HA3-2556-9

Renesas Technology Corp

DIP-16