
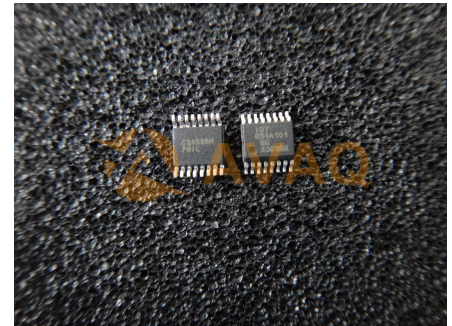


## Analog Switch Quad SPST 16-Pin QSOP Tube

<b>Manufacturer:</b>	<a href="#">Renesas Technology Corp</a>
<b>Package/Case:</b>	SOP16
<b>Product Type:</b>	Switches
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Obsolete



Images are for reference only

[Inquiry](#)

## General Description

The QS4A101 is a high-performance CMOS analog four-channel SPST switch with individual enables. The QS4A101, with 1.4GHz bandwidth, is ideal for high-performance video signal switching, audio signal switching, and telecomm routing applications. Low power dissipation makes this device ideal for battery operated and remote instrumentation applications. The QS4A101 operates at -40C to +85C.

## Key Features

Low ON resistance:  $r_{DS(ON)} = 5 \text{ ohm}$

Wide bandwidth: 1.4GHz (-3dB point)

Crosstalk: -122dB at 50KHz, -80dB at 5MHz, -65dB at 30MHz

Off-isolation: -100dB at 50KHz, -75dB at 5MHz, -45dB at 30MHz

Single 5V supply

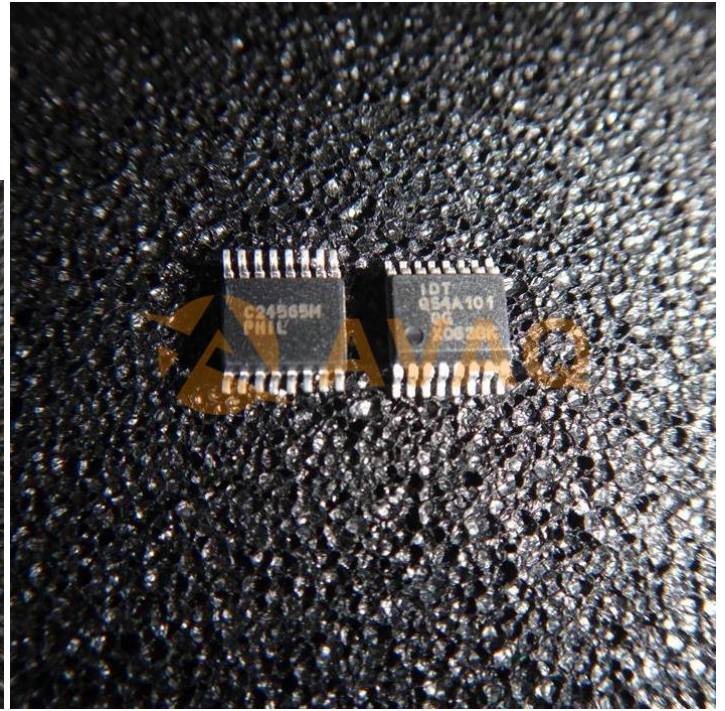
Bidirectional signal flow

TTL-compatible control inputs

Ultra-low quiescent current: 3 uA

Switch turn on time of 6.5ns

Available in 16 pin QSOP package



## Recommended For You

---

### QS3VHB83PA8

Renesas Technology Corp

BGA

### QS3244PAG

Renesas Technology Corp

TSSOP20

### QS316209PV

Renesas Technology Corp

AN

### QS4A205QG

Renesas Technology Corp

SSOP16

### QS3VH125S1G

Renesas Technology Corp

SOP14

### QS3383QG

Renesas Technology Corp

SSOP-24

### QS316213PV

Renesas Technology Corp

SSOP

### QS3162209PV

Renesas Technology Corp

SOP

### QS3384PAG8

Renesas Technology Corp

SSOP24

### QS3VH245SOG

Renesas Technology Corp

20SOIC

### QS3244QG8

Renesas Technology Corp

QSOP20

### QS3VH16212PA

Renesas Technology Corp

TSSOP56

### QS316212PV

Renesas Technology Corp

SOP

### QS3VH2245PAG

Renesas Technology Corp

TSSOP20

### QS3245SOG

Renesas Technology Corp

SOP20