

Analog Multiplexer, Single, 8 Channel

Manufacturers	NXP Semiconductor
Package/Case	SOP-16
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74HC4051D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

74HC4051D is a type of analog multiplexer/demultiplexer integrated circuit (IC) that is commonly used in electronic circuits.

Features

It has eight analog input/output channels that can be controlled by digital signals.

It has a wide operating voltage range of 2V to 10V.

It has low ON resistance of typically 125 ohms.

It has a high OFF isolation of typically 50dB.

It has a fast switching time of typically 250ns.

Application

It can be used in audio and video signal routing applications.

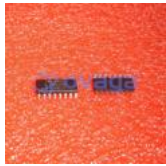
It can be used for analog-to-digital (A/D) and digital-to-analog (D/A) conversion.

It can be used for switching analog signals between different circuits.

It can be used in instrumentation and control systems.



Related Products



[74HC4052D](#)

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SOIC-16



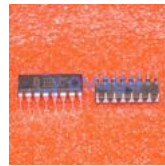
[74HC4053D](#)

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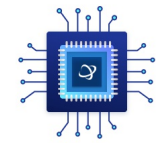
[74HC4051](#)

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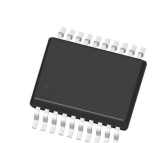
[PCA8574APW,112](#)

NXP Semiconductor
16-TSSOP (0.173, 4.40mm Width)



[SC16IS740IPW,112](#)

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TSSOP-16



[PCF8574TS/3](#)

NXP Semiconductor
SSOP20