

Image may be representation.
See specifications for product details.



MAX309ESE

Manufacturer Part Number	MAX309ESE
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX309ESE
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SP4TX2 100OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	MAX309ESE.pdf

Get a Quote

MAX309ESE - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX309ESE datasheet/specifications on AllelcoElec.com.
Request a quote for MAX309ESE, please send us email: info@allelco.com

Specifications

MAX309ESE Tech Specifications
MAX309ESE - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	2
Voltage - Supply, Single (V+)	5V ~ 30V	Multiplexer/Demultiplexer Circuit	4:1
Voltage - Supply, Dual (V±)	±5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	150ns, 150ns	Current - Leakage (IS(off)) (Max)	750pA
Switch Circuit	SP4T - Open/Closed	Crosstalk	-92dB @ 100kHz
Supplier Device Package	16-SOIC	Charge Injection	2pC
Series	-	Channel-to-Channel Matching (ΔRon)	1.50hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	3pF, 14pF
Package	Bulk	Base Product Number	MAX309
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	1000hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX309ESE

Product Attribute				
Part Number	MAX309ESE	MAX309EUE+	MAX309EUE	MAX309EUE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Bulk	Tube	Bulk	Tape & Reel (TR)
Voltage - Supply, Dual (V±)	±5V ~ 20V	±5V ~ 20V	±5V ~ 20V	±5V ~ 20V
Base Product Number	MAX309	MAX309	MAX309	MAX309
Series	-	-	-	-
Charge Injection	2pC	2pC	2pC	2pC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Multiplexer/Demultiplexer Circuit	4:1	4:1	4:1	4:1
Crosstalk	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz
Channel Capacitance (CS(off), CD(off))	3pF, 14pF	3pF, 26pF	3pF, 14pF	3pF, 26pF
Supplier Device Package	16-SOIC	16-TSSOP	16-TSSOP	16-TSSOP
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)
Voltage - Supply, Single (V+)	5V ~ 30V	5V ~ 30V	5V ~ 30V	5V ~ 30V
Switch Time (Ton, Toff) (Max)	150ns, 150ns	150ns, 150ns	150ns, 150ns	150ns, 150ns
-3db Bandwidth	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Switch Circuit	SP4T - Open/Closed	SP4T	SP4T - Open/Closed	SP4T
On-State Resistance (Max)	1000hm	1000hm	1000hm	1000hm
Number of Circuits	2	2	2	2
Current - Leakage (IS(off)) (Max)	750pA	750pA	750pA	750pA
Channel-to-Channel Matching (ΔRon)	1.50hm	1.50hm	1.50hm	1.50hm

Customers Also Interested in

Recommended Products



MAX309EUE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4TX2 100OHM 16TSSOP



MAX3100CEE+T

Analog Devices Inc./Maxim Integrated
IC UART SPI COMPAT 16-QSOP



MAX3098EBESE

Analog Devices Inc./Maxim Integrated
IC RECEIVER 0/3 16SOIC



MAX3100CEE-T

Analog Devices Inc./Maxim Integrated
IC UART SPI/MICROWIRE COMP 16QSOP



MAX3097EEPE+

Analog Devices Inc./Maxim Integrated
IC RECEIVER 0/3 16DIP



MAX309CSE-T

Analog Devices / Maxim Integrated

**MAX309EUE**

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4TX2 100OHM 16TSSOP

**MAX3100CEE+**

Analog Devices Inc./Maxim Integrated
IC UART SPI/MICRWIRE COMP 16QSOP

**MAX309EUE+T**

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4TX2 100OHM 16TSSOP

**MAX309ESE+T**

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 100OHM 16SOIC

**MAX309CPE**

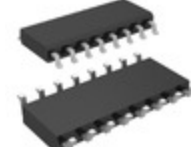
Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 100OHM 16DIP

**MAX3098EAEEE+T**

Analog Devices Inc./Maxim Integrated
IC RECEIVER 0/3 16QSOP

**MAX3100CEE**

Analog Devices Inc./Maxim Integrated
IC UART SPI/MICRWIRE COMP 16QSOP

**MAX3098EBCSE+T**

Analog Devices Inc./Maxim Integrated
IC RECEIVER 0/3 16SOIC

**MAX3098EAESE**

Analog Devices Inc./Maxim Integrated
IC RECEIVER 0/3 16SOIC

**MAX309CSE**

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 100OHM 16SOIC

**MAX309CSE+T**

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 100OHM 16SOIC

**MAX309ESE+**

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 100OHM 16SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More



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