



Image may be representation.
See specifications for product details.



MAX314CSE

Manufacturer Part Number	MAX314CSE
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX314CSE
ECAD Model	Request Free CAD Models
Parts Description	IC SW SPST-NO/NCX4 100HM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	MAX312-14.pdf

Get a Quote

MAX314CSE - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX314CSE datasheet/specifications on AllelcoElec.com.
Request a quote for MAX314CSE, please send us email: info@allelco.com

Specifications

MAX314CSE Tech Specifications

MAX314CSE - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	4
Voltage - Supply, Single (V+)	4.5V ~ 30V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	225ns, 185ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	SPST - NO/NC	Crosstalk	-85dB @ 1MHz
Supplier Device Package	16-SOIC	Charge Injection	20pC
Series	-	Channel-to-Channel Matching (ΔRon)	300mOhm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	15pF, 15pF
Package	Tube	Base Product Number	MAX314
Operating Temperature	0°C ~ 70°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	100hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX314CSE

Product Attribute				
Part Number	MAX314CSE	MAX314EUE+	MAX313LEUE+T	MAX313FESE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Crosstalk	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-104dB @ 1MHz
Channel Capacitance (CS(off), CD(off))	15pF, 15pF	15pF, 15pF	15pF, 15pF	20pF, 20pF
-3db Bandwidth	-	-	-	-
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Switch Time (Ton, Toff) (Max)	225ns, 185ns	225ns, 185ns	225ns, 185ns	225ns, 185ns
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	16-SOIC (0.154", 3.90mm Width)
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	1μA
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Series	-	-	-	-
Supplier Device Package	16-SOIC	16-TSSOP	16-TSSOP	16-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Switch Circuit	SPST - NO/NC	SPST - NO/NC	SPST - NO	SPST - NO
On-State Resistance (Max)	100hm	100hm	100hm	100hm
Base Product Number	MAX314	MAX314	MAX313	MAX313
Number of Circuits	4	4	4	4
Channel-to-Channel Matching (ΔRon)	300mOhm	300mOhm	300mOhm	50mOhm
Voltage - Supply, Single (V+)	4.5V ~ 30V	4.5V ~ 30V	4.5V ~ 36V	9V ~ 36V
Charge Injection	20pC	20pC	20pC	70pC

MAX314CSE Datasheet PDF

Download MAX314CSE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX314CSE - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX312-14.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)



Mult Device EOL 3/Jan/2017.pdf

Customers Also Interested in

Recommended Products



MAX314EUE+

Analog Devices Inc./Maxim Integrated
IC SW SPST-NO/NCX4 100HM 16TSSOP



MAX313LCUE

Analog Devices / Maxim Integrated



MAX313LEUE+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NOX4 100HM 16TSSOP



MAX313FESE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPST-NOX4 100HM 16SOIC



MAX314EUE+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NO/NCX4 100HM 16TSSOP



MAX314LCUE+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NO/NCX4 100HM 16TSSOP



MAX314CUE+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NO/NCX4 100HM 16TSSOP



MAX314ESE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPSTX4 100HM 16SOIC



MAX313LESE

Analog Devices / Maxim Integrated



MAX313LEUE+

Analog Devices Inc./Maxim Integrated
IC SW SPST-NOX4 100HM 16TSSOP



MAX314CSE-T

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MAX313LESE+T

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IC SWITCH SPST-NOX4 100HM 16SOIC



MAX313LCSE

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MAX313MJE

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IC SW SPST-NOX4 90HM 16CERDIP



MAX314CSE+T

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IC SW SPST-NO/NCX4 100HM 16SOIC



MAX313LCUE+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NOX4 100HM 16TSSOP



MAX314ESE+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NO/NCX4 100HM 16SOIC



MAX313LEUE

Analog Devices Inc./Maxim Integrated
IC SW SPST-NOX4 100HM 16TSSOP

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



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