

Image may be representation.
See specifications for product details.



MAX314ESE+T

Manufacturer Part Number	MAX314ESE+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX314ESE+T
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	MAX312-314.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX314ESE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX314ESE+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX314ESE+T, please send us email: info@allelco.com

Specifications

MAX314ESE+T Tech Specifications

MAX314ESE+T - 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	Tape & Reel (TR)	Base Product Number	MAX314
Operating Temperature	-40°C ~ 85°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 MAX314ESE+T

Product Attribute				
Part Number	MAX314ESE+T	MAX313MJE	MAX314CSE	MAX314CUE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Switch Circuit	SPST - NO/NC	SPST - NO	SPST - NO/NC	SPST - NO/NC
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
On-State Resistance (Max)	100hm	90hm	100hm	100hm
Switch Time (Ton, Toff) (Max)	225ns, 185ns	225ns, 185ns	225ns, 185ns	225ns, 185ns
Base Product Number	MAX314	MAX313	MAX314	MAX314
Crosstalk	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz
Operating Temperature	-40°C ~ 85°C (TA)	-55°C ~ 125°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Channel Capacitance (CS(off), CD(off))	15pF, 15pF	15pF, 15pF	15pF, 15pF	15pF, 15pF
Number of Circuits	4	4	4	4
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-CDIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)	16-TSSOP (0.173", 4.40mm Width)
Supplier Device Package	16-SOIC	16-CERDIP	16-SOIC	16-TSSOP
Voltage - Supply, Single (V+)	4.5V ~ 30V	4.5V ~ 30V	4.5V ~ 30V	4.5V ~ 30V
Series	-	-	-	-
Channel-to-Channel Matching (ΔRon)	300mOhm	300mOhm	300mOhm	300mOhm
Charge Injection	20pC	20pC	20pC	20pC
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
-3db Bandwidth	-	-	-	-

MAX314ESE+T Datasheet PDF

Download MAX314ESE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX314ESE+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX312-314.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)




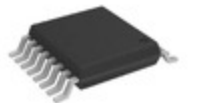










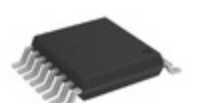
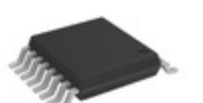


[Red Phosphorous Certificate.pdf](#)

Part Numbering Guide

 Part Numbering System.pdf

Customers Also Interested in

Recommended Products

 MAX313MJE Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 90HM 16CERDIP	 MAX314CSE-T Analog Devices / Maxim Integrated	 MAX314CSE Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16SOIC	 MAX314CUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16TSSOP	 MAX3157CAI Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 28SSOP	 MAX314EUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16TSSOP
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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.



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 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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