



Image may be representation.
See specifications for product details.



MAX313LEUE+

Manufacturer Part Number	MAX313LEUE+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX313LEUE+
ECAD Model	Request Free CAD Models
Parts Description	IC SW SPST-NOX4 100HM 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	MAX312-314L.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX313LEUE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX313LEUE+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX313LEUE+, please send us email: info@allelco.com

Specifications

MAX313LEUE+ Tech Specifications

MAX313LEUE+ - 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 ~ 36V	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	Crosstalk	-85dB @ 1MHz
Supplier Device Package	16-TSSOP	Charge Injection	20pC
Series	-	Channel-to-Channel Matching (ΔRon)	300mOhm
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	15pF, 15pF
Package	Tube	Base Product Number	MAX313
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 MAX313LEUE+

Product Attribute				
Part Number	MAX313LEUE+	MAX313EUE+T	MAX314CSE+T	MAX313FESE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
On-State Resistance (Max)	100hm	100hm	100hm	100hm
Crosstalk	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-104dB @ 1MHz
-3db Bandwidth	-	-	-	-
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Supplier Device Package	16-TSSOP	16-TSSOP	16-SOIC	16-SOIC
Series	-	-	-	-
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	1μA
Number of Circuits	4	4	4	4
Channel-to-Channel Matching (ΔRon)	300mOhm	300mOhm	300mOhm	50mOhm
Switch Time (Ton, Toff) (Max)	225ns, 185ns	225ns, 185ns	225ns, 185ns	225ns, 185ns
Switch Circuit	SPST - NO	SPST - NO	SPST - NO/NC	SPST - NO
Voltage - Supply, Single (V+)	4.5V ~ 36V	4.5V ~ 30V	4.5V ~ 30V	9V ~ 36V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Charge Injection	20pC	20pC	20pC	70pC
Package / Case	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Channel Capacitance (CS(off), CD(off))	15pF, 15pF	15pF, 15pF	15pF, 15pF	20pF, 20pF
Base Product Number	MAX313	MAX313	MAX314	MAX313

MAX313LEUE+ Datasheet PDF

Download MAX313LEUE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX313LEUE+ - Analog Devices Inc./Maxim Integrated.

Datasheets


[MAX312-314L.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)



















[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

 Part Numbering System.pdf

Customers Also Interested in

Recommended Products

					
MAX313EUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 100HM 16TSSOP	MAX314CSE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16SOIC	MAX313FESE+T Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 100HM 16SOIC	MAX314ESE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16SOIC	MAX313FESE+ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 100HM 16SOIC	MAX313LEUE Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 100HM 16TSSOP
					
MAX313MJE Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 90HM 16CERDIP	MAX313LCUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 100HM 16TSSOP	MAX313LESE Analog Devices / Maxim Integrated	MAX314ESE Analog Devices Inc./Maxim Integrated IC SWITCH SPSTX4 100HM 16SOIC	MAX314EUE+ Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16TSSOP	MAX313LESE+T Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 100HM 16SOIC
					
MAX314CSE Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16SOIC	MAX313LCSE Analog Devices / Maxim Integrated	MAX313LCUE Analog Devices / Maxim Integrated	MAX313LEUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 100HM 16TSSOP	MAX314CUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16TSSOP	MAX313FESE Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 100HM 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

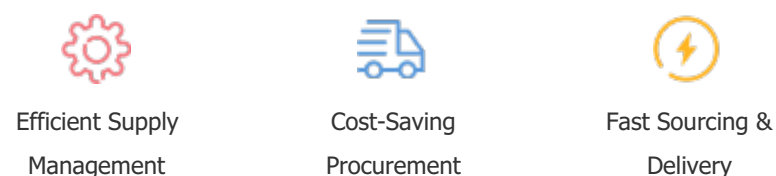
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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