



# MAX313MJE

Manufacturer Part Number	<b>MAX313MJE</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX313MJE
ECAD Model	Request Free CAD Models
Parts Description	IC SW SPST-NOX4 90HM 16CERDIP
Package	16-CDIP (0.300", 7.62mm)
Data sheet	MAX313MJE.pdf
RoHs Status	ROHS3 Compliant



**Get a Quote**

MAX313MJE - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX313MJE datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX313MJE, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX313MJE Tech Specifications

MAX313MJE - 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	Through Hole
Switch Time (Ton, Toff) (Max)	225ns, 185ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	SPST - NO	Crosstalk	-85dB @ 1MHz
Supplier Device Package	16-CERDIP	Charge Injection	20pC
Series	-	Channel-to-Channel Matching (ΔRon)	300mOhm
Package / Case	16-CDIP (0.300", 7.62mm)	Channel Capacitance (CS(off), CD(off))	15pF, 15pF
Package	Tube	Base Product Number	MAX313
Operating Temperature	-55°C ~ 125°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	90hm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX313MJE

Product Attribute	NO PICTURE			
Part Number	MAX313MJE	MAX314ESE	MAX313LESE+T	MAX314CUE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Channel-to-Channel Matching (ΔRon)	300mOhm	300mOhm	300mOhm	300mOhm
Package / Case	16-CDIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-TSSOP (0.173", 4.40mm Width)
Charge Injection	20pC	20pC	20pC	20pC
Number of Circuits	4	4	4	4
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Switch Time (Ton, Toff) (Max)	225ns, 185ns	225ns, 185ns	225ns, 185ns	225ns, 185ns
Channel Capacitance (CS(off), CD(off))	15pF, 15pF	15pF, 15pF	15pF, 15pF	15pF, 15pF
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
Crosstalk	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz
Voltage - Supply, Single (V+)	4.5V ~ 30V	4.5V ~ 30V	4.5V ~ 36V	4.5V ~ 30V
Package	Tube	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	MAX313	-	MAX313	MAX314
-3db Bandwidth	-	-	-	-
Operating Temperature	-55°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Switch Circuit	SPST - NO	SPST - Open/Closed	SPST - NO	SPST - NO/NC
Supplier Device Package	16-CERDIP	16-SOIC	16-SOIC	16-TSSOP
On-State Resistance (Max)	90hm	100hm	100hm	100hm
Series	-	-	-	-

## MAX313MJE Datasheet PDF

Download MAX313MJE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX313MJE - Analog Devices Inc./Maxim Integrated.

## Environmental Information



Maxim Integrated REACH.pdf



Maxim Integrated RoHS Cert.pdf

## Customers Also Interested in

### Recommended Products

**MAX313LCSE**

Analog Devices / Maxim Integrated

**MAX314ESE**Analog Devices Inc./Maxim Integrated  
IC SWITCH SPSTX4 100HM 16SOIC**MAX313LESE+T**Analog Devices Inc./Maxim Integrated  
IC SWITCH SPST-NOX4 100HM 16SOIC**MAX314CUE+T**Analog Devices Inc./Maxim Integrated  
IC SW SPST-NO/NCX4 100HM 16TSSOP**MAX313LCUE+T**Analog Devices Inc./Maxim Integrated  
IC SW SPST-NOX4 100HM 16TSSOP**MAX313LESE**

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**MAX314EUE+T**Analog Devices Inc./Maxim Integrated  
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IC SW SPST-NOX4 100HM 16TSSOP**MAX314EUE+**Analog Devices Inc./Maxim Integrated  
IC SW SPST-NO/NCX4 100HM 16TSSOP**MAX313FESE+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**MAX313LCUE**

Analog Devices / Maxim Integrated

**MAX314CSE-T**

Analog Devices / Maxim Integrated

**MAX313LEUE+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**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

## 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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## Contact us

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