



Image may be representation.
See specifications for product details.



MAX4617CUE

Manufacturer Part Number	MAX4617CUE
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4617CUE
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 8:1 100HM 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	MAX4617-19.pdf

Get a Quote

MAX4617CUE - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX4617CUE datasheet/specifications on AllelcoElec.com.
Request a quote for MAX4617CUE, please send us email: info@allelco.com

Specifications

MAX4617CUE Tech Specifications

MAX4617CUE - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	1
Voltage - Supply, Single (V+)	2V ~ 5.5V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	15ns, 10ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	-	Crosstalk	-96dB @ 100kHz
Supplier Device Package	16-TSSOP	Charge Injection	3pC
Series	-	Channel-to-Channel Matching (ΔRon)	200mOhm
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	5pF, 27pF
Package	Tube	Base Product Number	MAX4617
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 MAX4617CUE

Product Attribute				
Part Number	MAX4617CUE	MAX4616ESD+T	MAX4617CPE	MAX4617ESE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Base Product Number	MAX4617	MAX4616	MAX4617	MAX4617
Voltage - Supply, Single (V+)	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Voltage - Supply, Dual (V±)	-	-	-	-
Supplier Device Package	16-TSSOP	14-SOIC	16-PDIP	16-SOIC
-3db Bandwidth	-	70MHz	-	-
Channel-to-Channel Matching (ΔRon)	200mOhm	200mOhm	200mOhm	200mOhm
Multiplexer/Demultiplexer Circuit	8:1	1:1	8:1	8:1
Charge Injection	3pC	6.5pC	3pC	3pC
Switch Time (Ton, Toff) (Max)	15ns, 10ns	12ns, 10ns	15ns, 10ns	15ns, 10ns
Number of Circuits	1	4	1	1
Channel Capacitance (CS(off), CD(off))	5pF, 27pF	5pF, 5pF	5pF, 27pF	5pF, 27pF
Crosstalk	-96dB @ 100kHz	-96dB @ 100kHz	-96dB @ 100kHz	-96dB @ 100kHz
Series	-	-	-	-
On-State Resistance (Max)	100hm	100hm	100hm	100hm
Package / Case	16-TSSOP (0.173', 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)	16-DIP (0.300', 7.62mm)	16-SOIC (0.154", 3.90mm Width)
Package	Tube	Tape & Reel (TR)	Tube	Tube
Current - Leakage (IS(off)) (Max)	1nA	1nA	1nA	1nA
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Switch Circuit	-	SPST - NO/NC	-	-

MAX4617CUE Datasheet PDF

Download MAX4617CUE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4617CUE - Analog Devices Inc./Maxim Integrated.


Datasheets

[MAX4617-19.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

 Part Numbering System.pdf

Customers Also Interested in

Recommended Products



MAX4616ESD+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NO/NCX4 100HM 14SOIC



MAX4617CPE

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16DIP



MAX4617ESE

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16SOIC



MAX4617CSE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16SOIC



MAX4617EPE

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16DIP



MAX4617CUE+

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16TSSOP



MAX4614EUD+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NOX4 100HM 14TSSOP



MAX4617CSE

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16SOIC



MAX4617EUE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16TSSOP



MAX4617CUE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16TSSOP



MAX4618CEE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 100HM 16QSOP



MAX4617EUE

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16TSSOP



MAX4615CPD

Analog Devices Inc./Maxim Integrated
IC SWITCH SPST-NCX4 100HM 14DIP



MAX4616CUD

Analog Devices Inc./Maxim Integrated
IC SW SPST-NO/NCX4 100HM 14TSSOP



MAX4616CSD

Analog Devices Inc./Maxim Integrated
IC SW SPST-NO/NCX4 100HM 14SOIC



MAX4617CSE+

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16SOIC



MAX4617ESE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 100HM 16SOIC



MAX4618CSE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 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
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-  Email
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Certifications & Memberships



View More

Contact us

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