

Image may be representation.
See specifications for product details.



MAX4508CSE+T

Manufacturer Part Number	MAX4508CSE+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4508CSE+T
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 8:1 400OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX4508CSE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4508CSE+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX4508CSE+T, please send us email: info@allelco.com

Specifications

MAX4508CSE+T Tech Specifications

MAX4508CSE+T - 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+)	9V ~ 36V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	275ns, 200ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	-	Crosstalk	-62dB @ 1MHz
Supplier Device Package	16-SOIC	Charge Injection	2pC
Series	-	Channel-to-Channel Matching (ΔRon)	150hm (Max)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	10pF, 19pF
Package	Tape & Reel (TR)	Base Product Number	MAX4508
Operating Temperature	0°C ~ 70°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	400Ohm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4508CSE+T

Product Attribute				
Part Number	MAX4508CSE+T	MAX4508CSE+	MAX4508MJE	MAX4509ESE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tape & Reel (TR)	Tube	Tube	Bulk
Series	-	-	-	-
Channel Capacitance (CS(off), CD(off))	10pF, 19pF	10pF, 19pF	10pF, 19pF	10pF, 14pF
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-55°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Number of Circuits	1	1	1	2
Base Product Number	MAX4508	MAX4508	MAX4508	-
Supplier Device Package	16-SOIC	16-SOIC	16-CDIP	16-SOIC
-3db Bandwidth	-	-	-	-
Voltage - Supply, Single (V+)	9V ~ 36V	9V ~ 36V	9V ~ 36V	9V ~ 36V
On-State Resistance (Max)	400Ohm	400Ohm	400Ohm	400Ohm
Multiplexer/Demultiplexer Circuit	8:1	8:1	8:1	4:1
Switch Circuit	-	-	-	SP4T
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-CDIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Channel-to-Channel Matching (ΔRon)	150hm (Max)	150hm (Max)	150hm (Max)	150hm (Max)
Switch Time (Ton, Toff) (Max)	275ns, 200ns	275ns, 200ns	275ns, 200ns	275ns, 200ns
Charge Injection	2pC	2pC	2pC	2pC
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Crosstalk	-62dB @ 1MHz	-62dB @ 1MHz	-62dB @ 1MHz	-62dB @ 1MHz

MAX4508CSE+T Datasheet PDF

Download MAX4508CSE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4508CSE+T - Analog Devices Inc./Maxim Integrated.

Datasheets


[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)


Part Numbering Guide

 Part Numbering System.pdf

Application Notes

 Selecting the Right CMOS Analog Switch.pdf

 Fault-Tolerant Analog Switches.pdf

 Fault Protection Saves Multiplexers, Switches, and.pdf

Customers Also Interested in

Recommended Products



MAX4508CSE+

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 400OHM 16SOIC



MAX4508MJE

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 400OHM 16CDIP



MAX4507EAP+T

Analog Devices Inc./Maxim Integrated
IC OVERVOLTAGE PROTECTION 20SSOP



MAX4509ESE

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 400OHM 16SOIC



MAX4509CSE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 400OHM 16SOIC



MAX4507EAP+

Analog Devices Inc./Maxim Integrated
IC OVERVOLTAGE PROTECTION 20SSOP



MAX4507CAP-T

Analog Devices / Maxim Integrated



MAX4509EPE

Analog Devices / Maxim Integrated



MAX4509CSE

Analog Devices / Maxim Integrated



MAX4507CAP+T

Analog Devices Inc./Maxim Integrated
IC OVERVOLTAGE PROTECTION 20SSOP



MAX4507CWN+

Analog Devices Inc./Maxim Integrated
IC OVERVOLTAGE PROTECTION 18SOIC



MAX4507EAP

Analog Devices Inc./Maxim Integrated
IC OVERVOLTAGE PROTECTION 20SSOP



MAX4508CPE

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 400OHM 16DIP



MAX4508CSE

Analog Devices / Maxim Integrated



MAX4508ESE+

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 400OHM 16SOIC



MAX4508CPE+

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 400OHM 16DIP



MAX4508ESE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 400OHM 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
info@allelco.com

Certifications & Memberships



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