

Image may be representation.
See specifications for product details.



MAX4521CSE

Manufacturer Part Number	MAX4521CSE
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4521CSE
ECAD Model	Request Free CAD Models
Parts Description	IC SW SPST-NCX4 100OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	MAX4521-23.pdf

Get a Quote

MAX4521CSE - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX4521CSE datasheet/specifications on AllelcoElec.com. Request a quote for MAX4521CSE, please send us email: info@allelco.com

Specifications

MAX4521CSE Tech Specifications
MAX4521CSE - 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+)	2V ~ 12V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±2V ~ 6V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	80ns, 30ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	SPST - NC	Crosstalk	-90dB @ 100kHz
Supplier Device Package	16-SOIC	Charge Injection	1pC
Series	-	Channel-to-Channel Matching (ΔRon)	10hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	2pF, 2pF
Package	Tube	Base Product Number	MAX4521
Operating Temperature	0°C ~ 70°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	1000hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4521CSE

Product Attribute				
Part Number	MAX4521CSE	MAX4520EUA+T	MAX4521EEE	MAX4519CSD
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	2:1
Crosstalk	-90dB @ 100kHz	-	-90dB @ 100kHz	-92dB @ 100kHz
Supplier Device Package	16-SOIC	8-uMAX/uSOP	16-QSOP	14-SOIC
-3db Bandwidth	-	-	-	-
Base Product Number	MAX4521	MAX4520	MAX4521	MAX4519
On-State Resistance (Max)	1000hm	1600hm	1000hm	1000hm
Channel Capacitance (CS(off), CD(off))	2pF, 2pF	10pF, 5pF	2pF, 2pF	5pF, 10pF
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Number of Circuits	4	1	4	2
Voltage - Supply, Dual (V±)	±2V ~ 6V	±4.5V ~ 20V	±2V ~ 6V	±2.7V ~ 8V
Current - Leakage (IS(off)) (Max)	1nA	500pA	1nA	100pA
Charge Injection	1pC	1.5pC	1pC	5pC (Max)
Channel-to-Channel Matching (ΔRon)	10hm	-	10hm	40hm (Max)
Switch Circuit	SPST - NC	SPST - NO	SPST - NC	DPST - NO
Package / Case	16-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	16-SSOP (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)
Switch Time (Ton, Toff) (Max)	80ns, 30ns	500ns, 175ns	80ns, 30ns	150ns, 150ns
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tube	Tube
Voltage - Supply, Single (V+)	2V ~ 12V	9V ~ 36V	2V ~ 12V	2V ~ 15V

MAX4521CSE Datasheet PDF

Download MAX4521CSE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4521CSE - Analog Devices Inc./Maxim Integrated.

Datasheets


[MAX4521-23.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

Part Numbering Guide

 Part Numbering System.pdf

PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



MAX4520EUA+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPST-NOX1 1600HM 8UMAX



MAX4521EEE

Analog Devices Inc./Maxim Integrated
IC SW SPST-NCX4 1000HM 16QSOP



MAX4519CSD

Analog Devices Inc./Maxim Integrated
IC SW DPST-NOX2 1000HM 14SOIC



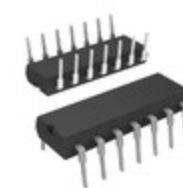
MAX4521CPE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPST-NCX4 1000HM 16DIP



MAX4519CEE

Analog Devices Inc./Maxim Integrated
IC SW DPST-NOX2 1000HM 16QSOP



MAX4519CPD

Analog Devices Inc./Maxim Integrated
IC SWITCH DPST-NOX2 1000HM 14DIP



MAX4520EUT+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPST-NOX4 1600HM SOT6



MAX4521ESE

Analog Devices Inc./Maxim Integrated
IC SW SPST-NCX4 1000HM 16SOIC



MAX4522CEE+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NOX4 1000HM 16QSOP



MAX4522CPE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPST-NOX4 1000HM 16DIP



MAX4520EUT

Analog Devices Inc./Maxim Integrated
R-R SPST ANALOG SWITCH



MAX4522CEE

Analog Devices Inc./Maxim Integrated
IC SW SPST-NOX4 1000HM 16QSOP



MAX4522CPE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SPST-NOX4 1000HM 16DIP



MAX4522CEE+

Analog Devices Inc./Maxim Integrated
IC SW SPST-NOX4 1000HM 16QSOP



MAX4518ESD+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 1 1000HM 14SOIC



MAX4521CSE+

Analog Devices Inc./Maxim Integrated
IC SW SPST-NCX4 1000HM 16SOIC



MAX4519EEE+

Analog Devices Inc./Maxim Integrated
IC SW DPST-NOX2 1000HM 16QSOP



MAX4521CSE+T

Analog Devices Inc./Maxim Integrated
IC SW SPST-NCX4 1000HM 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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