



Image may be representation.
See specifications for product details.



MAX4582CEE

Manufacturer Part Number	MAX4582CEE
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4582CEE
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SP4T X 2 80OHM 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	MAX4581-83.pdf

Get a Quote

MAX4582CEE - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX4582CEE datasheet/specifications on AllelcoElec.com. Request a quote for MAX4582CEE, please send us email: info@allelco.com

Specifications

MAX4582CEE Tech Specifications
MAX4582CEE - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	2
Voltage - Supply, Single (V+)	2V ~ 12V	Multiplexer/Demultiplexer Circuit	4:1
Voltage - Supply, Dual (V±)	±2V ~ 6V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	200ns, 100ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	SP4T	Crosstalk	-96dB @ 1MHz
Supplier Device Package	16-QSOP	Charge Injection	0.5pC
Series	-	Channel-to-Channel Matching (ΔRon)	10hm
Package / Case	16-SSOP (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	4pF, 10pF
Package	Tube	Base Product Number	MAX4582
Operating Temperature	0°C ~ 70°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	800hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4582CEE

Product Attribute				
Part Number	MAX4582CEE	MAX4581EUE	MAX4582CSE+	MAX4581ESE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Switch Time (Ton, Toff) (Max)	200ns, 100ns	200ns, 100ns	200ns, 100ns	200ns, 100ns
-3db Bandwidth	-	-	-	-
Voltage - Supply, Dual (V±)	±2V ~ 6V	±2V ~ 6V	±2V ~ 6V	±2V ~ 6V
On-State Resistance (Max)	800hm	800hm	800hm	800hm
Supplier Device Package	16-QSOP	16-TSSOP	16-SOIC	16-SOIC
Base Product Number	MAX4582	-	MAX4582	MAX4581
Channel Capacitance (CS(off), CD(off))	4pF, 10pF	4pF, 18pF	4pF, 10pF	4pF, 18pF
Crosstalk	-96dB @ 1MHz	-78dB @ 1MHz	-96dB @ 1MHz	-78dB @ 1MHz
Series	-	Automotive, AEC-Q100	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Bulk	Tube	Tape & Reel (TR)
Switch Circuit	SP4T	SP8T - Open/Closed	SP4T	-
Current - Leakage (IS(off)) (Max)	1nA	1nA	1nA	1nA
Number of Circuits	2	1	2	1
Package / Case	16-SSOP (0.154", 3.90mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Voltage - Supply, Single (V+)	2V ~ 12V	2V ~ 12V	2V ~ 12V	2V ~ 12V
Multiplexer/Demultiplexer Circuit	4:1	8:1	4:1	8:1
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Channel-to-Channel Matching (ΔRon)	10hm	10hm	10hm	10hm
Charge Injection	0.5pC	0.5pC	0.5pC	0.5pC

MAX4582CEE Datasheet PDF

Download MAX4582CEE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4582CEE - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX4581-83.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



MAX4581EUE

Analog Devices Inc./Maxim Integrated
IC SWITCH SP8TX1 800HM 16TSSOP



MAX4582CSE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16SOIC



MAX4581ESE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 800HM 16SOIC



MAX4582AUE

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16TSSOP



MAX4582CUE

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16TSSOP



MAX4582CSE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16SOIC



MAX4582EEE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16QSOP



MAX4582EEE

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16QSOP



MAX4581ESE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 800HM 16SOIC



MAX4581LESE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 800HM 16SOIC



MAX4582CEE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16QSOP



MAX4581LEEE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 800HM 16QSOP



MAX4582AUE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16TSSOP



MAX4581LEEE

Analog Devices Inc./Maxim Integrated
IC SWITCH SP8TX1 800HM 16QSOP



MAX4582CSE

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16SOIC



MAX4582CEE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16QSOP



MAX4582CPE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 800HM 16DIP



MAX4581EUE+T

Analog Devices Inc./Maxim Integrated
IC MUX 8:1 800HM 16TSSOP

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

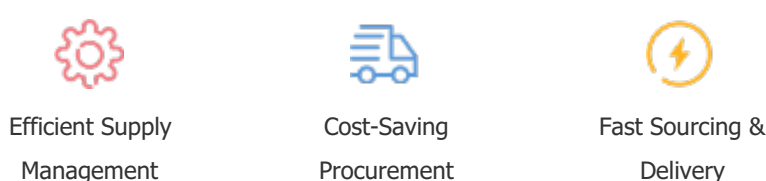
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

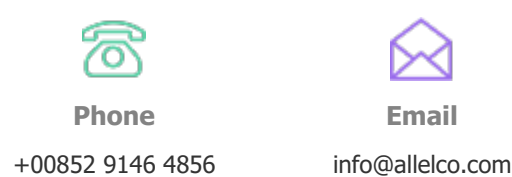
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More

