

Image may be representation.
See specifications for product details.



ADG509AKR

Manufacturer Part Number	ADG509AKR
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG509AKR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SWITCH SP4T X 2 450OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

ADG509AKR - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG509AKR datasheet/specifications on AllelcoElec.com.
Request a quote for ADG509AKR, please send us email: info@allelco.com

Specifications

ADG509AKR Tech Specifications
ADG509AKR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	2
Voltage - Supply, Single (V+)	10.8V ~ 16.5V	Multiplexer/Demultiplexer Circuit	4:1
Voltage - Supply, Dual (V±)	±10.8V ~ 16.5V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	300ns, 300ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	SP4T	Crosstalk	-
Supplier Device Package	16-SOIC	Charge Injection	4pC
Series	-	Channel-to-Channel Matching (ΔRon)	22.50hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	5pF, 11pF
Package	Tube	Base Product Number	ADG509
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	4500hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG509AKR

Product Attribute				
Part Number	ADG509AKR	ADG509FBNZ	ADG509FBN	ADG508FBRWZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Multiplexer/Demultiplexer Circuit	4:1	-	-	8:1
On-State Resistance (Max)	4500hm	-	-	2700hm (Typ)
Charge Injection	4pC	-	-	15pC
Voltage - Supply, Dual (V±)	±10.8V ~ 16.5V	-	-	±15V
Channel-to-Channel Matching (ΔRon)	22.50hm	-	-	8.10hm
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Channel Capacitance (CS(off), CD(off))	5pF, 11pF	-	-	3pF, 22pF
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)	16-SOIC (0.295", 7.50mm Width)
-3db Bandwidth	-	-	-	-
Switch Circuit	SP4T	-	-	-
Base Product Number	ADG509	ADG509F	ADG509F	ADG508
Operating Temperature	-40°C ~ 85°C (TA)	-	-	-40°C ~ 85°C (TA)
Voltage - Supply, Single (V+)	10.8V ~ 16.5V	-	-	15V
Switch Time (Ton, Toff) (Max)	300ns, 300ns	-	-	230ns, 130ns
Crosstalk	-	-	-	-
Package	Tube	Tube	Tube	Tube
Current - Leakage (IS(off)) (Max)	1nA	-	-	1nA
Number of Circuits	2	-	-	1
Supplier Device Package	16-SOIC	16-PDIP	16-PDIP	16-SOIC
Series	-	-	-	-

ADG509AKR Datasheet PDF


Download ADG509AKR pdf datasheets and Analog Devices Inc. documentation for ADG509AKR - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf



















PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

 2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
ADG509FBNZ Analog Devices Inc. IC MULTIPLEXER DUAL 4X1 16DIP	ADG509FBN Analog Devices Inc. IC MULTIPLEXER DUAL 4X1 16DIP	ADG508FBRWZ Analog Devices Inc. IC MUX 8:1 270OHM 16SOIC	ADG509AK ADI (Analog Devices, Inc.)	ADG508FBRUZ Analog Devices Inc. IC MUX 8:1 270OHM 16TSSOP	ADG509ATE/883B ADI (Analog Devices, Inc.)
					
ADG509AKRZ ADI (Analog Devices, Inc.)	ADG509AKN Analog Devices Inc. IC SWITCH SP4T X 2 450OHM 16DIP	ADG509ATQ/883 ADI (Analog Devices, Inc.)	ADG509AKRZ-REEL7 Analog Devices Inc. IC SWITCH SP4T X 2 450OHM 16SOIC	ADG509AKP Analog Devices Inc. IC SWITCH SP4T X 2 450OHM 20PLCC	ADG509AKNZ Analog Devices Inc. IC SWITCH SP4T X 2 450OHM 16DIP
					
ADG508G Micrel / Microchip Technology	ADG509ATQ Analog Devices Inc. IC SWITCH SP4TX2 450OHM 16CERDIP	ADG508FBRW Analog Devices Inc. IC MULTIPLEXER 8X1 16SOIC	ADG509AKPZ Analog Devices Inc. IC SWITCH SP4T X 2 450OHM 20PLCC	ADG509ATQ/883B Analog Devices Inc. IC SWITCH SP4TX2 450OHM 16CERDIP	ADG509ABQ Analog Devices Inc. IC SWITCH SP4TX2 450OHM 16CERDIP

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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