ADG508AKR

Manufacturer Part Number	ADG508AKR
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG508AKR
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 8:1 300OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	ADG508A, 509A Series Datasheet.pdf

Image may be representation.
See specifications for product details.

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ADG508AKR - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG508AKR datasheet/specifications on AllelcoElec.com.

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Specifications

ADG508AKR Tech Specifications
ADG508AKR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	1
Voltage - Supply, Single (V+)	10.8V ~ 16.5V	Multiplexer/Demultiplexer Circuit	8:1
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	-	Crosstalk	-
Supplier Device Package	16-SOIC	Charge Injection	4pC
Series	-	Channel-to-Channel Matching (ΔRon)	15Ohm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	5pF, 22pF
Package	Tube	Base Product Number	ADG508
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	300Ohm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG508AKR

Product Attribute				
Part Number	ADG508AKR	ADG508AKRZ-REEL7	ADG508AKRZ	ADG507ATE
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Single (V+)	10.8V ~ 16.5V	10.8V ~ 16.5V	10.8V ~ 16.5V	10.8V ~ 16.5V
On-State Resistance (Max)	300Ohm	300Ohm	300Ohm	300Ohm
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	28-LCC (11.43x11.43)
-3db Bandwidth	-	-	-	-
Voltage - Supply, Dual (V±)	±10.8V ~ 16.5V	±10.8V ~ 16.5V	±10.8V ~ 16.5V	±10.8V ~ 16.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-55°C ~ 125°C (TA)
Channel Capacitance (CS(off), CD(off))	5pF, 22pF	5pF, 22pF	5pF, 22pF	5pF, 22pF
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tube	Tube
Base Product Number	ADG508	ADG508	ADG508	ADG507
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154', 3.90mm Width)	28-LCC
Number of Circuits	1	1	1	2
Switch Time (Ton, Toff) (Max)	300ns, 300ns	300ns, 300ns	300ns, 300ns	300ns, 300ns
Crosstalk	-	-	-	-
Series	-	-	-	-
Current - Leakage (IS(off)) (Max)	1nA	1nA	1nA	1nA
Multiplexer/Demultiplexer Circuit	8:1	8:1	8:1	8:1
Switch Circuit	-	-	-	-
Channel-to-Channel Matching (ΔRon)	15Ohm	15Ohm	15Ohm	15Ohm
Charge Injection	4pC	4pC	4pC	4pC

ADG508AKR Datasheet PDF

Download ADG508AKR pdf datasheets and Analog Devices Inc. documentation for ADG508AKR - Analog Devices Inc..

Datasheets
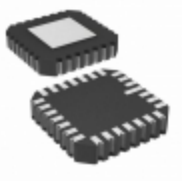
📄 ADG508A, 509A Series Datasheet.pdf

PCN Obsolescence/ EOL

📄 EOL Lead (Pb)-Bearing 07/Oct/2016.pdf

◢ Customers Also Interested in

Recommended Products

ADG508AKRZ-REEL7
Analog Devices Inc.
IC MUX 8:1 300OHM 16SOIC

ADG508ATQ
ADI (Analog Devices, Inc.)

ADG508ATD/883
ADI (Analog Devices, Inc.)

ADG508ATQ/883
ADI (Analog Devices, Inc.)

ADG508AKRZ
Analog Devices Inc.
IC MUX 8:1 300OHM 16SOIC

ADG507ATE
Analog Devices Inc.
IC MUX DUAL 8:1 300OHM 28LCC

ADG508ABQ
ADI (Analog Devices, Inc.)

ADG508ATE
ADI (Analog Devices, Inc.)

ADG508
ADI (Analog Devices, Inc.)

ADG507ATQ
Analog Devices Inc.
IC MUX DUAL 8:1 300OHM 28CDIP

ADG508ATQ/883B
ADI (Analog Devices, Inc.)

ADG507ATQ/883B
ADI (Analog Devices, Inc.)

ADG508AKNZ
Analog Devices Inc.
IC MUX 8:1 300OHM 16DIP

ADG508AKN
Analog Devices Inc.
IC MUX 8:1 300OHM 16DIP

ADG508AKP
Analog Devices Inc.
IC MUX 8:1 300OHM 20PLCC

ADG508AKPZ
Analog Devices Inc.
IC MUX 8:1 300OHM 20PLCC

ADG508ATE/883
ADI (Analog Devices, Inc.)

ADG508AK
ADI (Analog Devices, Inc.)

◢ 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

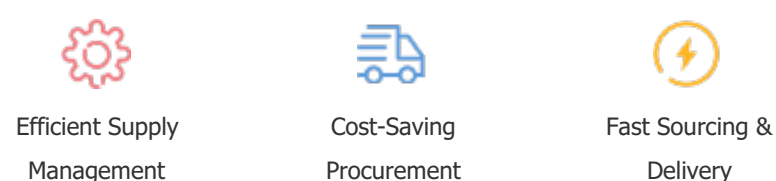Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

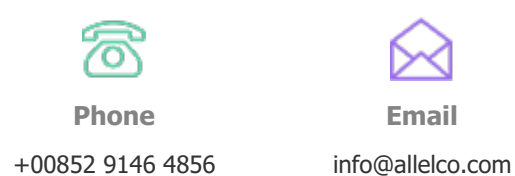Contact us if you have any questions.

Payment Support

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

EAST WEST BANK | MasterCard | VISA
WESTERN UNION | PayPal

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Efficient Supply Management | Cost-Saving Procurement | Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships

ISO ISO 13485:2016 | ISO 9001:2015 | ISO 14001:2015
ISO 28000:2007 | IPC Member | SMTA Surface-Mount Technology Association

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