

ADG509AKNZ





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Part Number: [ADG509AKNZ](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC MULTIPLEXER DUAL 4X1 16DIP

Data sheet:  [ADG508A, 509A Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

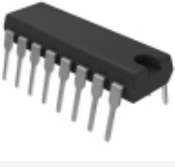
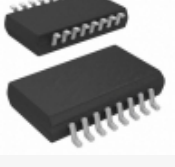
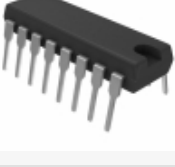
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ADG509AKNZ	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC MULTIPLEXER DUAL 4X1 16DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32095 pcs	Data sheet	ADG508A, 509A Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	10.8 V ~ 16.5 V
Voltage - Supply, Dual (V±)	±10.8 V ~ 16.5 V	Switch Time (Ton, Toff) (Max)	300ns, 300ns
Switch Circuit	SP4T	Supplier Device Package	16-PDIP
Series	-	Packaging	Tube
Package / Case	16-DIP (0.300", 7.62mm)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	450 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	4:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	7 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	2 Circuit IC Switch 4:1 450 Ohm 16-PDIP	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-	Charge Injection	4pC
Channel-to-Channel Matching (ΔRon)	22.5 Ohm	Channel Capacitance (CS(off), CD(off))	5pF, 11pF
Base Part Number	ADG509	-3db Bandwidth	-
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	Part#: ADG509ATQ Description: IC MULTIPLEXER DUAL 4X1 16CDIP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG508FBRN Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG508FBRWZ Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG509AKP Description: IC MULTIPLEXER DUAL 4X1 20PLCC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG509ABQ Description: IC MULTIPLEXER DUAL 4X1 16CDIP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: ADG509AKR Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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