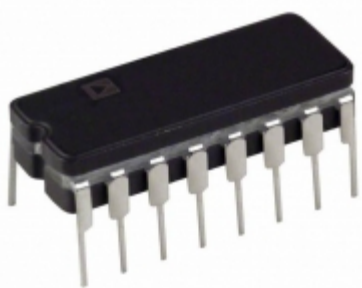


ADG512TQ





AHEAD OF WHAT'S POSSIBLE™

Part Number: [ADG512TQ](#)

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

Description: IC SWITCH QUAD SPST 16CDIP

Data sheet:  [ADG511-513](#)

RoHs Status: Contains lead / RoHS non-compliant

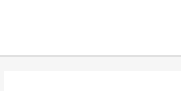
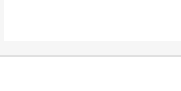
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ADG512TQ	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC SWITCH QUAD SPST 16CDIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4100 pcs	Data sheet	ADG511-513
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	3 V ~ 5.5 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 5.5 V	Switch Time (Ton, Toff) (Max)	200ns, 120ns (Typ)
Switch Circuit	SPST - NO	Supplier Device Package	16-CDIP
Series	-	Packaging	Tube
Package / Case	16-CDIP (0.300", 7.62mm)	Operating Temperature	-55°C ~ 125°C (TA)
On-State Resistance (Max)	30 Ohm (Typ)	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	4 Circuit IC Switch 1:1 30 Ohm (Typ) 16-CDIP
Current - Leakage (IS(off)) (Max)	100pA	Crosstalk	-85dB @ 1MHz
Charge Injection	11pC	Channel-to-Channel Matching (ΔRon)	-
Channel Capacitance (CS(off), CD(off))	9pF, 9pF	Base Part Number	ADG512
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: ADG512BRZ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG513BRZ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG513BRZ-REEL7 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG511BRZ-REEL Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG5204BRUZ Description: IC MUX 4:1 170 OHM 14TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG511BR Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG5206BCPZ-RL7 Description: IC MUX 1 X 16:1 32LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG513BNZ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG511BRZ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG5204BCPZ-RL7 Description: IC MUX 4CH LATCHUP PROOF 16LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG513BRZ-REEL Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG512BRZ-REEL7 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG5206BRUZ Description: IC MULTIPLEXER 1 X 16:1 28TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG5206BRUZ-RL7 Description: IC MULTIPLEXER 1X16:1 28TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG511BRZ-REEL7 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG512BRZ-REEL Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG512BNZ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG511BR-REEL7 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG5204BRUZ-RL7 Description: IC MUX 4:1 170 OHM 14TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG511BR-REEL Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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