



ADI (Analog Devices, Inc.)

## ADG431BN

Part Number:	ADG431BN
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description:	IC SWITCH QUAD SPST 16DIP
Datasheets:	ADG431BN.pdf
RoHS Status:	Contains lead / RoHS non-compliant
Stock Condition:	7097 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

### Specifications of ADG431BN

PART NUMBER	ADG431BN
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	IC SWITCH QUAD SPST 16DIP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	7097 pcs
DATA SHEET	ADG431BN.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	12V
VOLTAGE - SUPPLY, DUAL (V±)	±15V
SWITCH TIME (TON, TOFF) (MAX)	90ns, 60ns
SWITCH CIRCUIT	SPST - NC
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)	24 Ohm
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 24 Ohm 16-PDIP
CURRENT - LEAKAGE (IS(OFF)) (MAX)	250pA
CROSSTALK	-85dB @ 1MHz
CHARGE INJECTION	5pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	1.2 Ohm
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	9pF, 9pF
BASE PART NUMBER	ADG431
-3DB BANDWIDTH	-

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### Related Products

<p><b>ADG431BR-REEL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC SWITCH QUAD SPST 16SOIC In stock: 4406 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADG428BR</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC MULTIPLEXER 8X1 18SOIC In stock: 4553 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADG431BR-REEL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC SWITCH QUAD SPST 16SOIC In stock: 4042 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADG428BRZ-REEL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC MULTIPLEXER 8X1 18SOIC In stock: 18735 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADG431BRZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC SWITCH QUAD SPST 16SOIC In stock: 16034 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADG428BRZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC MULTIPLEXER 8X1 18SOIC In stock: 11219 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADG431ABR-REEL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC SWITCH QUAD SPST 16SOIC In stock: 6040 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADG431BRZ-REEL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC SWITCH QUAD SPST 16SOIC In stock: 32319 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADG431BNZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC SWITCH QUAD SPST 16DIP In stock: 17134 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADG428BPZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC MULTIPLEXER 8X1 20PLCC In stock: 10277 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADG428BPZ-REEL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC MULTIPLEXER 8X1 20PLCC In stock: 17763 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADG431BR</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC SWITCH QUAD SPST 16SOIC In stock: 5450 pcs</p> <p><a href="#">RFQ</a></p>