

ADG431BR



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Part Number: [ADG431BR](#)

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

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [ADG431-433](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ADG431BR                                  | Manufacturer                       | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC SWITCH QUAD SPST 16SOIC                | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5918 pcs                                  | Data sheet                         | <a href="#">ADG431-433</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | 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-SOIC                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Packaging                          | Tube                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16-SOIC (0.154", 3.90mm Width)            | 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-SOIC     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         |                                    |                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 5918 pieces of ADI (Analog Devices, Inc.) ADG431BR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                    |                                            |

| RELATED PRODUCTS                                                                   |                                                                                   |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">ADG431BRZ-REEL</a><br>Description: IC SWITCH QUAD SPST 16SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG432BNZ</a><br>Description: IC SWITCH QUAD SPST 16DIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG428BP-REEL</a><br>Description: IC MULTIPLEXER 8X1 20PLCC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG428BR</a><br>Description: IC MULTIPLEXER 8X1 18SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG432BRZ</a><br>Description: IC SWITCH QUAD SPST 16SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG431BR-REEL7</a><br>Description: IC SWITCH QUAD SPST 16SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG431BRZ-REEL7</a><br>Description: IC SWITCH QUAD SPST 16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG428BPZ</a><br>Description: IC MULTIPLEXER 8X1 20PLCC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG432BRZ-REEL</a><br>Description: IC SWITCH QUAD SPST 16SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG428BRZ</a><br>Description: IC MULTIPLEXER 8X1 18SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG428BP</a><br>Description: IC MULTIPLEXER 8X1 20PLCC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG432BR</a><br>Description: IC SWITCH QUAD SPST 16SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG431BR-REEL</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG431ABR-REEL7</a><br>Description: IC SWITCH QUAD SPST 16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG428BPZ-REEL</a><br>Description: IC MULTIPLEXER 8X1 20PLCC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG431BRZ</a><br>Description: IC SWITCH QUAD SPST 16SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG428BRZ-REEL</a><br>Description: IC MULTIPLEXER 8X1 18SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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