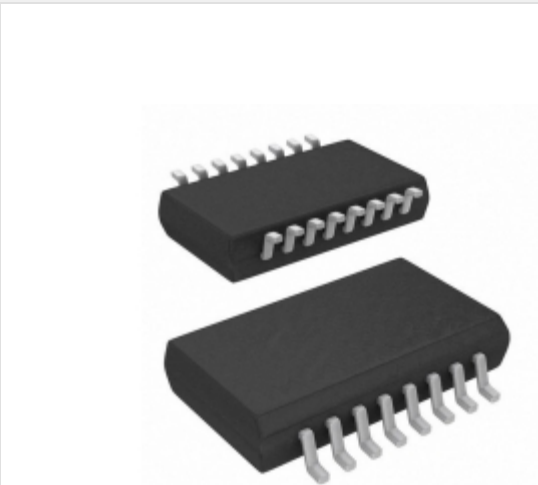


ADG509AKR





AHEAD OF WHAT'S POSSIBLE™

**Part Number:** [ADG509AKR](#)

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

**Description:** IC MULTIPLEXER DUAL 4X1 16SOIC

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

**RoHs Status:** Contains lead / RoHS non-compliant

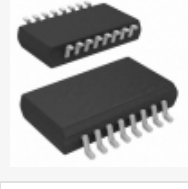
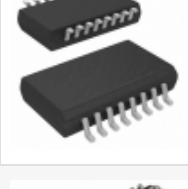
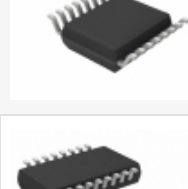
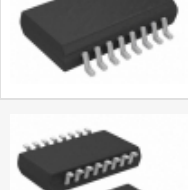
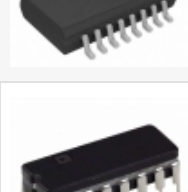
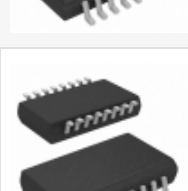
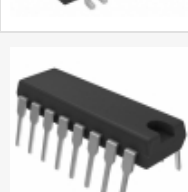
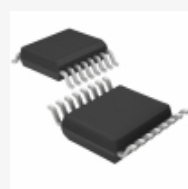
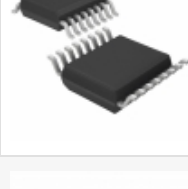
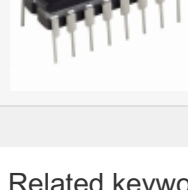
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy ADG509AKR with confidence from Component-World.HK, 1 Year Warranty**

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                    |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ADG509AKR                                 | Manufacturer                       | <a href="#">ADI (Analog Devices, Inc.)</a>     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MULTIPLEXER DUAL 4X1 16SOIC            | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5043 pcs                                  | Data sheet                         | <a href="#">ADG508A, 509A Series Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | 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-SOIC                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                          | Tube                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-SOIC (0.154", 3.90mm Width)            | 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)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                             | Contains lead / RoHS non-compliant        | Detailed Description               | 2 Circuit IC Switch 4:1 450 Ohm 16-SOIC        |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         |                                    |                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 5043 pieces of ADI (Analog Devices, Inc.) ADG509AKR 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="#">ADG509AKR-REEL</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG508FBRWZ-REEL</a><br>Description: IC MULTIPLEXER 8X1 16SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509FBRNZ-REEL7</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509AKP</a><br>Description: IC MULTIPLEXER DUAL 4X1 20PLCC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509AKR-REEL7</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509FBRUZ</a><br>Description: IC MULTIPLEXER DUAL 4X1 16TSSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509AKRZ-REEL</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509FBRNZ</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509ABQ</a><br>Description: IC MULTIPLEXER DUAL 4X1 16CDIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509FBRN</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509AKRZ-REEL7</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509AKN</a><br>Description: IC MULTIPLEXER DUAL 4X1 16DIP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG508FBRWZ</a><br>Description: IC MULTIPLEXER 8X1 16SOIC            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG508FBRUZ</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509AKPZ</a><br>Description: IC MULTIPLEXER DUAL 4X1 20PLCC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509AKNZ</a><br>Description: IC MULTIPLEXER DUAL 4X1 16DIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG508FBRUZ-REEL7</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509ATQ</a><br>Description: IC MULTIPLEXER DUAL 4X1 16CDIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509AKPZ-REEL</a><br>Description: IC MULTIPLEXER DUAL 4X1 20PLCC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG509ATQ/883B</a><br>Description: IC MULTIPLEXER DUAL 4X1 16CDIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

| Related keywords for ADG509AKR       |                       |                                      |                               |
|--------------------------------------|-----------------------|--------------------------------------|-------------------------------|
| ADI (Analog Devices, Inc.) ADG509AKR | ADG509AKR distributor | ADG509AKR supplier                   | ADG509AKR price               |
| ADG509AKR download datasheet         | ADG509AKR datasheet   | ADG509AKR stock                      | buy ADG509AKR                 |
| ADI (Analog Devices, Inc.) ADG509AKR | AD ADG509AKR          | ADI (Analog Devices, Inc.) ADG509AKR | Analog Devices Inc. ADG509AKR |
| Analog Devices, Inc. ADG509AKR       |                       |                                      |                               |