

ADG506AKRZ



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Part Number: [ADG506AKRZ](#)

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

Description: IC MULTIPLEXER 16X1 28SOIC

Data sheet:  [ADG506A, ADG507A](#)

RoHs Status: Lead free / RoHS Compliant

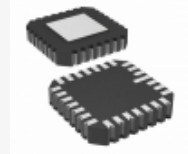
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                        |                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ADG506AKRZ                                | Manufacturer                           | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MULTIPLEXER 16X1 28SOIC                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10513 pcs                                 | Data sheet                             | <a href="#">ADG506A, ADG507A</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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Supplier Device Package                | 28-SOIC                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Packaging                              | Tube                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28-SOIC (0.295", 7.50mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                          |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300 Ohm                                   | Number of Circuits                     | 1                                          |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16:1                                      | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 Circuit IC Switch 16:1 300 Ohm 28-SOIC  | Current - Leakage (IS(off)) (Max)      | 1nA                                        |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Charge Injection                       | 4pC                                        |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15 Ohm                                    | Channel Capacitance (CS(off), CD(off)) | 5pF, 44pF                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ADG506                                    | -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 10513 pieces of ADI (Analog Devices, Inc.) ADG506AKRZ 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="#">ADG506AKP</a><br>Description: IC MULTIPLEXER 16X1 28PLCC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506ATQ</a><br>Description: IC MULTIPLEXER 16X1 28CDIP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKNZ</a><br>Description: IC MULTIPLEXER 16X1 28DIP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG507AKR</a><br>Description: IC MULTIPLEXER DUAL 8X1 28SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKN</a><br>Description: IC MULTIPLEXER 16X1 28DIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKR</a><br>Description: IC MULTIPLEXER 16X1 28SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKPZ-REEL</a><br>Description: IC MULTIPLEXER 16X1 28PLCC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKPZ</a><br>Description: IC MULTIPLEXER 16X1 28PLCC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506ATQ/883B</a><br>Description: IC MULTIPLEXER 16CH 28CDIP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG507AKPZ</a><br>Description: IC MULTIPLEXER DUAL 8X1 28PLCC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG507AKN</a><br>Description: IC MULTIPLEXER DUAL 8X1 28DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG507AKNZ</a><br>Description: IC MULTIPLEXER DUAL 8X1 28DIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKP-REEL</a><br>Description: IC MULTIPLEXER 16X1 28PLCC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG507ABQ</a><br>Description: IC MULTIPLEXER DUAL 8X1 28CDIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKRZ-REEL</a><br>Description: IC MULTIPLEXER 16X1 28SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506ATE/883B</a><br>Description: IC MULTIPLEXER 16CH 28CLCC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG507AKP</a><br>Description: IC MULTIPLEXER DUAL 8X1 28PLCC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKPZ-RL</a><br>Description: IC MULTIPLEXER 16X1 28PLCC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506ABQ</a><br>Description: IC MULTIPLEXER 16X1 28CDIP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADG506AKR-REEL</a><br>Description: IC MULTIPLEXER 16X1 28SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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