



Image may be representation.
See specifications for product details.



ADG5401BRMZ

| | |
|--------------------------|--|
| Manufacturer Part Number | ADG5401BRMZ |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-ADG5401BRMZ |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC SWITCH SPST-NO X 1 70HM 8MSOP |
| Package | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) |
| Data sheet | ADG5401.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

ADG5401BRMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG5401BRMZ datasheet/specifications on AllelcoElec.com.
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Specifications

ADG5401BRMZ Tech Specifications

ADG5401BRMZ - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------------|--|--|-----------------|
| Manufacturer | Analog Devices, Inc. | Number of Circuits | 1 |
| Voltage - Supply, Single (V+) | 9V ~ 40V | Multiplexer/Demultiplexer Circuit | 1:1 |
| Voltage - Supply, Dual (V±) | ±9V ~ 22V | Mounting Type | Surface Mount |
| Switch Time (Ton, Toff) (Max) | 21ns, 23ns | Current - Leakage (IS(off)) (Max) | 500pA |
| Switch Circuit | SPST - NO | Crosstalk | - |
| Supplier Device Package | 8-MSOP | Charge Injection | 275pC |
| Series | - | Channel-to-Channel Matching (ΔRon) | - |
| Package / Case | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | Channel Capacitance (CS(off), CD(off)) | 21pF, 23pF |
| Package | Tube | Base Product Number | ADG5401 |
| Operating Temperature | -40°C ~ 125°C (TA) | -3db Bandwidth | 170MHz |
| On-State Resistance (Max) | 70hm | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG5401BRMZ

| Product Attribute | | | | |
|--|--|-------------------------|--------------------------|--------------------------|
| Part Number | ADG5401BRMZ | ADG529AKN | ADG5401BCPZ-RL7 | ADG5408BCPZ-REEL7 |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Voltage - Supply, Dual (V±) | ±9V ~ 22V | ±10.8V ~ 16.5V | ±9V ~ 22V | ±9V ~ 22V |
| Mounting Type | Surface Mount | Through Hole | Surface Mount | Surface Mount |
| Series | - | - | - | - |
| Charge Injection | 275pC | 4pC | 275pC | 155pC |
| Supplier Device Package | 8-MSOP | 18-PDIP | 8-LFCSP-WD (2x3) | 16-LFCSP-WQ (4x4) |
| Operating Temperature | -40°C ~ 125°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 125°C (TA) | -40°C ~ 125°C (TA) |
| Switch Time (Ton, Toff) (Max) | 21ns, 23ns | 300ns, 300ns | 21ns, 23ns | 165ns, 153ns |
| Channel-to-Channel Matching (ΔRon) | - | 22.50hm | - | 300mOhm |
| Crosstalk | - | - | - | -60dB @ 1MHz |
| -3db Bandwidth | 170MHz | - | 170MHz | 50MHz |
| Package / Case | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | 18-DIP (0.300", 7.62mm) | 8-WFDFN Exposed Pad, CSP | 16-WQFN Exposed Pad, CSP |
| Voltage - Supply, Single (V+) | 9V ~ 40V | 10.8V ~ 16.5V | 9V ~ 40V | 9V ~ 40V |
| Package | Tube | Tube | Tape & Reel (TR) | Tape & Reel (TR) |
| Number of Circuits | 1 | 2 | 1 | 1 |
| On-State Resistance (Max) | 70hm | 4500hm | 70hm | 140hm |
| Switch Circuit | SPST - NO | SP4T | SPST - NO | - |
| Channel Capacitance (CS(off), CD(off)) | 21pF, 23pF | 5pF, 11pF | 21pF, 23pF | 17pF, 98pF |
| Base Product Number | ADG5401 | ADG529 | ADG5401 | ADG5408 |
| Multiplexer/Demultiplexer Circuit | 1:1 | 4:1 | 1:1 | 8:1 |
| Current - Leakage (IS(off)) (Max) | 500pA | 1nA | 500pA | 250pA |

ADG5401BRMZ Datasheet PDF





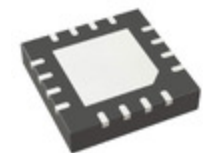







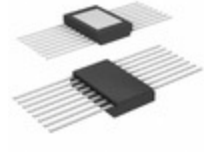


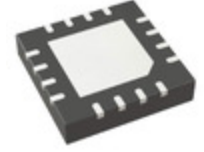


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Datasheets

ADG5401.pdf

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|  ADG529ATQ ADI (Analog Devices, Inc.) |  ADG529AKN Analog Devices Inc. IC SWITCH SP4T X 2 450OHM 18DIP |  ADG5401BCPZ-RL7 Analog Devices Inc. IC SWITCH SPST-NOX1 70HM 8LFCSP |  ADG529CWN ADI (Analog Devices, Inc.) |  ADG5408BCPZ-REEL7 Analog Devices Inc. IC MUX 8:1 140HM 16LFCSP |  ADG5409BRUZ Analog Devices Inc. IC SWITCH SP4T X 2 140HM 16TSSOP |
|  ADG5408BCPZ ADI (Analog Devices, Inc.) |  ADG529AKNZ Analog Devices Inc. IC MULTIPLEXER DUAL 4X1 18DIP |  ADG5404BRUZ Analog Devices Inc. IC MUX 4:1 100HM 14TSSOP |  ADG529ATQ/883B ADI (Analog Devices, Inc.) |  ADG5408BRUZ-REEL7 Analog Devices Inc. IC MUX 8:1 140HM 16TSSOP |  ADG5409BRUZ-REEL7 Analog Devices Inc. IC SWITCH SP4T X 2 140HM 16TSSOP |
|  ADG5298HFRZ Analog Devices Inc. IC MUX 8:1 350OHM 16CLATPACK |  ADG5404BRUZ-REEL7 Analog Devices Inc. IC MUX 4:1 100HM 14TSSOP |  ADG5408BRUZ Analog Devices Inc. IC MUX 8:1 140HM 16TSSOP |  ADG5409BCPZ-REEL7 Analog Devices Inc. IC SWITCH SP4T X 2 140HM 16LFCSP |  ADG528FBPZ Analog Devices Inc. IC MUX 8:1 300OHM 20PLCC |  ADG529AKP Analog Devices Inc. IC MULTIPLEXER DUAL 4X1 20PLCC |

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference | | |
|--|----------------|--------------------|
| Region | Country | Logistic Time(Day) |
| America | United States | 5 |
| | Brazil | 7 |
| Europe | Germany | 5 |
| | United Kingdom | 4 |
| | Italy | 5 |
| Oceania | Australia | 6 |
| | New Zealand | 7 |
| Asia | India | 6 |
| | Japan | 7 |
| Middle East | Israel | 6 |

| DHL & FedEx Shipment Charges Reference | |
|--|----------------------|
| Shipment charges(KG) | Reference DHL(USD\$) |
| 0.00kg-1.00kg | USD\$60.00 |
| 1.00kg-2.00kg | USD\$70.00 |
| 2.00kg-3.00kg | USD\$80.00 |




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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