



Image may be representation.
See specifications for product details.



ADG1406BRUZ

| | |
|--------------------------|----------------------------------------|
| Manufacturer Part Number | ADG1406BRUZ |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-ADG1406BRUZ |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | IC MUX 16:1 11.5OHM 28TSSOP |
| Package | 28-TSSOP (0.173', 4.40mm Width) |
| Data sheet | Cylindrical Battery Holders.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

ADG1406BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG1406BRUZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADG1406BRUZ, please send us email: info@allelco.com

Specifications

ADG1406BRUZ Tech Specifications
ADG1406BRUZ - 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+) | 5V ~ 16.5V | Multiplexer/Demultiplexer Circuit | 16:1 |
| Voltage - Supply, Dual (V±) | ±4.5V ~ 16.5V | Mounting Type | Surface Mount |
| Switch Time (Ton, Toff) (Max) | 110ns, 120ns | Current - Leakage (IS(off)) (Max) | 250pA |
| Switch Circuit | - | Crosstalk | -70dB @ 1MHz |
| Supplier Device Package | 28-TSSOP | Charge Injection | 10pC |
| Series | - | Channel-to-Channel Matching (ΔRon) | 550mOhm |
| Package / Case | 28-TSSOP (0.173', 4.40mm Width) | Channel Capacitance (CS(off), CD(off)) | 8pF, 90pf |
| Package | Tube | Base Product Number | ADG1406 |
| Operating Temperature | -40°C ~ 125°C (TA) | -3db Bandwidth | 60MHz |
| On-State Resistance (Max) | 11.5Ohm | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG1406BRUZ

| Product Attribute | | | | |
|----------------------------------------|---------------------------------|--------------------------|--------------------------|--------------------------|
| Part Number | ADG1406BRUZ | ADG1402BCPZ-REEL7 | ADG1408YCPZ-REEL7 | ADG1404YCPZ-REEL7 |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Number of Circuits | 1 | 1 | 1 | 1 |
| Crosstalk | -70dB @ 1MHz | - | -70dB @ 1MHz | -82dB @ 100kHz |
| Switch Circuit | - | SPST - NC | - | SP4T |
| Package / Case | 28-TSSOP (0.173', 4.40mm Width) | 8-WDFDN Exposed Pad, CSP | 16-VQFN Exposed Pad, CSP | 16-WQFN Exposed Pad, CSP |
| Operating Temperature | -40°C ~ 125°C (TA) | -40°C ~ 125°C (TA) | -40°C ~ 125°C (TA) | -40°C ~ 125°C (TA) |
| Supplier Device Package | 28-TSSOP | 8-LFCSP-WD (2x3) | 16-LFCSP-VQ (4x4) | 16-LFCSP (4x4) |
| Charge Injection | 10pC | -12pC | -50pC | -20pC |
| Voltage - Supply, Single (V+) | 5V ~ 16.5V | 5V ~ 16.5V | 5V ~ 16.5V | 5V ~ 16.5V |
| Multiplexer/Demultiplexer Circuit | 16:1 | 1:1 | 8:1 | 4:1 |
| Channel-to-Channel Matching (ΔRon) | 550mOhm | 200mOhm | 200mOhm | 100mOhm |
| -3db Bandwidth | 60MHz | 120MHz | 60MHz | 55MHz |
| Switch Time (Ton, Toff) (Max) | 110ns, 120ns | 150ns, 150ns | 120ns, 120ns | 120ns, 135ns |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Channel Capacitance (CS(off), CD(off)) | 8pF, 90pf | 36pF, 41pF | 14pF, 80pF | 23pF, 90pF |
| On-State Resistance (Max) | 11.5Ohm | 1.3Ohm | 4.7Ohm | 1.8Ohm |
| Voltage - Supply, Dual (V±) | ±4.5V ~ 16.5V | ±4.5V ~ 16.5V | ±4.5V ~ 16.5V | ±4.5V ~ 16.5V |
| Package | Tube | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Current - Leakage (IS(off)) (Max) | 250pA | 400pA | 200pA | 550pA |
| Base Product Number | ADG1406 | ADG1402 | ADG1408 | ADG1404 |
| Series | - | - | - | - |

ADG1406BRUZ Datasheet PDF




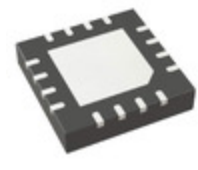
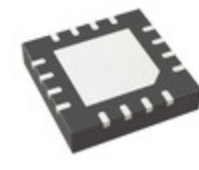











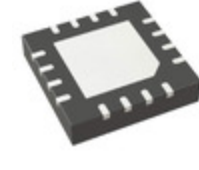

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Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  ADG1406BCPZ ADI (Analog Devices, Inc.) |  ADG1402BCPZ-REEL7 Analog Devices Inc. IC SW SPST-NCX1 1.30HM 8LFCSP |  ADG1404YCPZ ADI (Analog Devices, Inc.) |  ADG1408YCPZ-REEL7 Analog Devices Inc. IC MUX 8:1 4.70HM 16LFCSP |  ADG1404YCPZ-REEL7 Analog Devices Inc. IC SWITCH SP4TX1 1.80HM 16LFCSP |  ADG1407BRUZ Analog Devices Inc. IC MUX DUAL 8:1 11.50HM 28TSSOP |
|  ADG1408YCPZ ADI (Analog Devices, Inc.) |  ADG1407BRUZ-REEL7 Analog Devices Inc. IC MUX DUAL 8:1 11.50HM 28TSSOP |  ADG1402BCPZ ADI (Analog Devices, Inc.) |  ADG1404YRUZ-REEL7 Analog Devices Inc. IC SWITCH SP4TX1 1.80HM 14TSSOP |  ADG1404YRUZ Analog Devices Inc. IC SWITCH SP4TX1 1.80HM 14TSSOP |  ADG1406BRUZ-REEL7 Analog Devices Inc. IC MUX 16:1 11.50HM 28TSSOP |
|  ADG1407BCPZ-REEL7 Analog Devices Inc. IC MUX DUAL 8:1 11.50HM 32LFCSP |  ADG1407BCPZ ADI (Analog Devices, Inc.) |  ADG1402BRMZ-REEL7 Analog Devices Inc. IC SWITCH SPST-NCX1 1.30HM 8MSOP |  ADG1408SRUZ-EP-RL7 Analog Devices Inc. IC MUX 8:1 4.70HM 16TSSOP |  ADG1404YCPZ-REEL Analog Devices Inc. IC SWITCH SP4TX1 1.80HM 16LFCSP |  ADG1402BRMZ Analog Devices Inc. IC SWITCH SPST-NCX1 1.30HM 8MSOP |

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 |

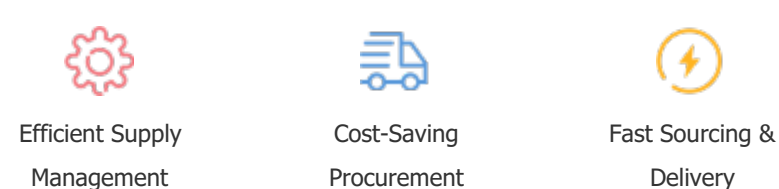
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

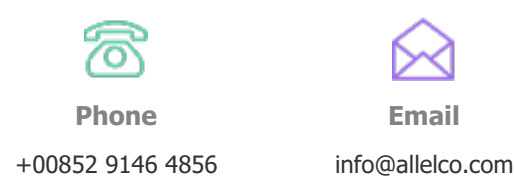
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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