

ADG708CRUZ-REEL7





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Part Number: [ADG708CRUZ-REEL7](#)

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

Description: IC MULTIPLEXER 8X1 16TSSOP

Data sheet:  [ADG708,709](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                    |                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ADG708CRUZ-REEL7                          | Manufacturer                       | <a href="#">ADI (Analog Devices, Inc.)</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC MULTIPLEXER 8X1 16TSSOP                | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 41730 pcs                                 | Data sheet                         | <a href="#">ADG708,709</a>                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 1.8 V ~ 5.5 V                                                |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±2.5V                                     | Switch Time (Ton, Toff) (Max)      | 14ns, 8ns (Typ)                                              |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Supplier Device Package            | 16-TSSOP                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Packaging                          | Tape & Reel (TR)                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-TSSOP (0.173", 4.40mm Width)           | Other Names                        | ADG708CRUZ-REEL7-ND<br>ADG708CRUZ-REEL7TR<br>ADG708CRUZREEL7 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 125°C (TA)                        | On-State Resistance (Max)          | 4.5 Ohm                                                      |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                         | Multiplexer/Demultiplexer Circuit  | 8:1                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                             | Manufacturer Standard Lead Time    | 17 Weeks                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                | Detailed Description               | 1 Circuit IC Switch 8:1 4.5 Ohm 16-TSSOP                     |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10pA (Typ)                                | Crosstalk                          | -80dB @ 1MHz                                                 |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3pC                                       | Channel-to-Channel Matching (ΔRon) | 400 mOhm                                                     |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13pF, 85pF                                | Base Part Number                   | ADG708                                                       |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 55MHz                                     |                                    |                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 41730 pieces of ADI (Analog Devices, Inc.) ADG708CRUZ-REEL7 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> |                                           |                                    |                                                              |

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