

AD9709ASTZ





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Part Number: [AD9709ASTZ](#)

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

Description: IC DAC 8BIT DUAL 125MSPS 48-LQFP

Data sheet:  [AD9709](#)

RoHs Status: Lead free / RoHS Compliant

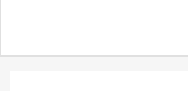
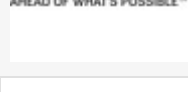
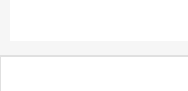
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                 |                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AD9709ASTZ                                | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC DAC 8BIT DUAL 125MSPS 48-LQFP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11842 pcs                                 | Data sheet                      | <a href="#">AD9709</a>                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 5.5 V                                     |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 V ~ 5.5 V                               | Supplier Device Package         | 48-LQFP (7x7)                                     |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 35ns (Typ)                                | Series                          | TxDAC+®                                           |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                               | External, Internal                        | Packaging                       | Tray                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 48-LQFP                                   | Output Type                     | Current - Unbuffered                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 85°C                              | Number of D/A Converters        | 2                                                 |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8                                         | Mounting Type                   | Surface Mount                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 7 Weeks                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                | INL/DNL (LSB)                   | ±0.1, ±0.1                                        |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                       | Detailed Description            | 8 Bit Digital to Analog Converter 2 48-LQFP (7x7) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Parallel                                  | Base Part Number                | AD9709                                            |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Current Source                            |                                 |                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 11842 pieces of ADI (Analog Devices, Inc.) AD9709ASTZ 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="#">AD9716-DPG2-EBZ</a><br>Description: EVAL BOARD FOR AD9716          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9708ARURL</a><br>Description: INTEGRATED CIRCUIT                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9708ARU</a><br>Description: IC DAC 8BIT 100MSPS 28-TSSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9708ARUZ</a><br>Description: IC DAC 8BIT 100MSPS 28-TSSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9708ARZRL</a><br>Description: IC DAC 8BIT 100MSPS 28-SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9714-DPG2-EBZ</a><br>Description: EVAL BOARD FOR AD9714          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9709ASTZRL</a><br>Description: IC DAC 8BIT DUAL 125MSPS 48LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9708ARUZRL7</a><br>Description: IC DAC 8BIT 100MSPS 28-TSSOP TR  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9716BCPZ</a><br>Description: IC DAC DUAL 12BIT LO PWR 40LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9709-EBZ</a><br>Description: BOARD EVAL FOR AD9709               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9716BCPZRL7</a><br>Description: IC DAC DUAL 12BIT LO PWR 40LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9708ARURL7</a><br>Description: IC DAC 8BIT 100MSPS 28-TSSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9714BCPZ</a><br>Description: IC DAC DUAL 8BIT LO PWR 40LFCSP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9715-DPG2-EBZ</a><br>Description: EVAL BOARD FOR AD9715          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9708AR</a><br>Description: IC DAC 8BIT 100MSPS 28-SOIC           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9707BCPZRL7</a><br>Description: IC DAC TX 14BIT 175MSPS 32-LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9715BCPZ</a><br>Description: IC DAC DUAL 10BIT LO PWR 40LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9715BCPZRL7</a><br>Description: IC DAC DUAL 10BIT LO PWR 40LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9708ARZ</a><br>Description: IC DAC 8BIT 100MSPS 28-SOIC          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD9714BCPZRL7</a><br>Description: IC DAC DUAL 8BIT LO PWR 40LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |

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