



ADI (Analog Devices, Inc.)

AD8042AR

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AD8042AR                                                                                                             |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                           |
| Product description | IC OPAMP VFB 170MHZ RRO 8SOIC                                                                                        |
| Datasheets:         |  AD8042AR.pdf                       |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

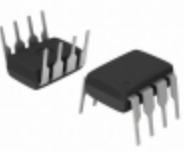
Specifications of AD8042AR

|                                   |                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                       | AD8042AR                                                                                         |
| MANUFACTURER                      | ADI (Analog Devices, Inc.)                                                                       |
| DESCRIPTION                       | IC OPAMP VFB 170MHZ RRO 8SOIC                                                                    |
| LEAD FREE STATUS / ROHS STATUS    | Contains lead / RoHS non-compliant                                                               |
| DATA SHEET                        |  AD8042AR.pdf |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 3 V ~ 12 V, ±1.5 V ~ 6 V                                                                         |
| VOLTAGE - INPUT OFFSET            | 3mV                                                                                              |
| SUPPLIER DEVICE PACKAGE           | 8-SOIC                                                                                           |
| SLEW RATE                         | 225 V/μs                                                                                         |
| SERIES                            | -                                                                                                |
| PACKAGING                         | Tube                                                                                             |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)                                                                    |
| OUTPUT TYPE                       | Rail-to-Rail                                                                                     |
| OPERATING TEMPERATURE             | -40°C ~ 85°C                                                                                     |
| NUMBER OF CIRCUITS                | 2                                                                                                |
| MOUNTING TYPE                     | Surface Mount                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS    | Contains lead / RoHS non-compliant                                                               |
| DETAILED DESCRIPTION              | Voltage Feedback Amplifier 2 Circuit Rail-to-Rail 8-SOIC                                         |
| CURRENT - SUPPLY                  | 6mA                                                                                              |
| CURRENT - OUTPUT / CHANNEL        | 50mA                                                                                             |
| CURRENT - INPUT BIAS              | 1.2μA                                                                                            |
| BASE PART NUMBER                  | AD8042                                                                                           |
| AMPLIFIER TYPE                    | Voltage Feedback                                                                                 |
| -3DB BANDWIDTH                    | 170MHz                                                                                           |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| ADI (Analog Devices, Inc.) AD8042AR | AD8042AR Distributor                | AD8042AR Supplier                       |
| AD8042AR Price                      | AD8042AR Pictures                   | AD8042AR Image                          |
| AD8042AR PDF Datasheet              | AD8042AR Download Datasheet         | AD8042AR Datasheet                      |
| AD8042AR Stock                      | Buy AD8042AR                        | Buy ADI (Analog Devices, Inc.) AD8042AR |
| ADI (Analog Devices, Inc.) AD8042AR | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor  |
| ADI (Analog Devices, Inc.) AD8042AR | AD AD8042AR                         | ADI (Analog Devices, Inc.) AD8042AR     |
| Analog Devices Inc. AD8042AR        | Analog Devices, Inc. AD8042AR       |                                         |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AD8041ARZ-REEL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AD8042ARZ-REEL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>AD8042AN</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>         |  <div><b>AD8041AR-REEL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>AD8041AR-REEL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>AD8042ARZ-REEL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>AD8041ARZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: 173 pcs<br/><div>RFQ</div></div>         |  <div><b>AD8042AR-REEL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>AD8042AR-EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: BOARD EVAL FOR AD8042AR<br/>In stock: Out stock<br/><div>RFQ</div></div>          |  <div><b>AD8042AR-REEL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>AD8042ARZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>AD8041ARZ-REEL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC OPAMP VFB 170MHZ RRO 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |