

ADP1613ARMZ-R7





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Part Number: [ADP1613ARMZ-R7](#)

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

Description: IC REG BOOST SEPIC ADJ 2A 8MSOP

Data sheet:  [ADP1612-13](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ADP1613ARMZ-R7 with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                          |                                  |                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | ADP1613ARMZ-R7                                                                                                           | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BOOST SEPIC ADJ 2A 8MSOP                                                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 61943 pcs                                                                                                                | Data sheet                       | <a href="#">ADP1612-13</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                                                                | Voltage - Output (Min/Fixed)     | 2.5V                                       |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                            | 20V                                                                                                                      | Voltage - Input (Min)            | 2.5V                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                             | 5.5V                                                                                                                     | Topology                         | Boost, SEPIC                               |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                             | No                                                                                                                       | Supplier Device Package          | 8-MSOP                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                                        | Packaging                        | Tape & Reel (TR)                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                   | Output Type                      | Adjustable                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                                                                                                 | Other Names                      | ADP1613ARMZ-R7TR<br>ADP1613ARMZR7          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 125°C (TJ)                                                                                                       | Number of Outputs                | 1                                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                                                                                                            | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                   | 8 Weeks                                                                                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                          | Step-Up, Step-Up/Step-Down                                                                                               | Frequency - Switching            | 650kHz, 1.3MHz                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                              | Boost, SEPIC Switching Regulator IC Positive Adjustable 2.5V 1 Output 2A (Switch) 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | Current - Output                 | 2A (Switch)                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | ADP1613                                                                                                                  |                                  |                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 61943 pieces of ADI (Analog Devices, Inc.) ADP1613ARMZ-R7 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: info@Components-World.com |                                                                                                                          |                                  |                                            |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">ADP1614ACPZ-R7</a><br>Description: IC REG BOOST ADJ 3A 10LFCSP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1614-1.3-EVALZ</a><br>Description: BOARD EVAL ADP1614 1.3MHZ       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1612-5-EVALZ</a><br>Description: BOARD EVAL ADP1612 5V VOUT        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1612ARMZ-R7</a><br>Description: IC REG BST SEPIC ADJ 1.4A 8MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1621-EVALZ</a><br>Description: BOARD EVALUATION FOR ADP1621        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1613-12-EVALZ</a><br>Description: BOARD EVAL FOR ADP1613           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1611ARMZ-R7</a><br>Description: IC REG BOOST ADJ 1.2A 8MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1612-BL3-EVZ</a><br>Description: EVAL BLANK ADISIMPOWER ADP1612    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1610-EVALZ</a><br>Description: BOARD EVALUATION FOR ADP1610        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP160AUJZ-4.2-R7</a><br>Description: IC REG LINEAR 4.2V 150MA TSOT5  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP161UJ-EVALZ</a><br>Description: BOARD EVALUATION ADJUSTABLE        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1614ACPZ-650-R7</a><br>Description: IC REG BOOST ADJ 4A 10LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP161AUJZ-R7</a><br>Description: IC REG LIN POS ADJ 150MA TSOT5      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1614ACPZ-1.3-R7</a><br>Description: IC REG BOOST ADJ 4A 10LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP160AUJZ-3.3-R7</a><br>Description: IC REG LINEAR 3.3V 150MA TSOT5  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1610ARMZ-R7</a><br>Description: IC REG BOOST ADJ 1.2A 8MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP162ACBZ-1.2-R7</a><br>Description: IC REG LINEAR 1.2V 150MA 4WLCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1621ARMZ-R7</a><br>Description: IC REG CTRLRL MULT TOP 10MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP1614-650-EVALZ</a><br>Description: BOARD EVAL ADP1614 650KHZ       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADP160UJZ-REDYKIT</a><br>Description: KIT REDI TOOL 3.3/1.8 ADP160    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

Related keywords for **ADP1613ARMZ-R7**

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