

Image may be representation.  
See specifications for product details.



## ADP5070AREZ-R7

|                          |   |
|--------------------------|---|
| Manufacturer Part Number | <b>ADP5070AREZ-R7</b>                       |
| Manufacturer             | <b>Analog Devices, Inc.</b>                 |
| Allelco Part Number      | 32D-ADP5070AREZ-R7                          |
| ECAD Model               | Request Free CAD Models                     |
| Parts Description        | IC REG BST SEPIC ADJ DL 20TSSOP             |
| Package                  | 20-TSSOP (0.173', 4.40mm Width) Exposed Pad |
| Data sheet               | <b>Cylindrical Battery Holders.pdf</b>      |
| RoHs Status              | <b>ROHS3 Compliant</b>                      |

**Get a Quote**

ADP5070AREZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADP5070AREZ-R7 datasheet/specifications on AllelcoElec.com.  
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### Specifications

ADP5070AREZ-R7 Tech Specifications  
ADP5070AREZ-R7 - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute            | Attribute Value                             | Product Attribute     | Attribute Value                   |
|------------------------------|---|-----------------------|-----------------------------------|
| Manufacturer                 | Analog Devices, Inc.                        | Package               | Tape & Reel (TR)                  |
| Voltage - Output (Min/Fixed) | 0.8V, 1.6V                                  | Output Type           | Adjustable                        |
| Voltage - Output (Max)       | ±39V  | Output Configuration  | Positive and Negative (Dual Rail) |
| Voltage - Input (Min)        | 2.85V                                       | Operating Temperature | -40°C ~ 125°C (TJ)                |
| Voltage - Input (Max)        | 15V   | Number of Outputs     | 2                                 |
| Topology                     | Boost, SEPIC                                | Mounting Type         | Surface Mount                     |
| Synchronous Rectifier        | No  | Function              | Step-Up, Step-Up/Step-Down        |
| Supplier Device Package      | 20-TSSOP-EP                                 | Frequency - Switching | 1.2MHz, 2.4MHz                    |
| Series                       | -   | Current - Output      | 600mA, 1A                         |
| Package / Case               | 20-TSSOP (0.173', 4.40mm Width) Exposed Pad | Base Product Number   | ADP5070                           |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADP5070AREZ-R7

| Product Attribute            |   |                                |                                   |                                |
|------------------------------|---|--------------------------------|-----------------------------------|--------------------------------|
| Part Number                  | ADP5070AREZ-R7                              | ADP5073ACPZ-R7                 | ADP5070ACPZ                       | ADP5074ACPZ-R7                 |
| Manufacturer                 | Analog Devices Inc.                         | Analog Devices Inc.            | Analog Devices Inc.               | Analog Devices Inc.            |
| Package / Case               | 20-TSSOP (0.173', 4.40mm Width) Exposed Pad | 16-WFQFN Exposed Pad, CSP      | 20-WFQFN Exposed Pad, CSP         | 16-WFQFN Exposed Pad, CSP      |
| Operating Temperature        | -40°C ~ 125°C (TJ)                          | -40°C ~ 125°C (TJ)             | -40°C ~ 125°C (TJ)                | -40°C ~ 125°C (TJ)             |
| Frequency - Switching        | 1.2MHz, 2.4MHz                              | 1.2MHz, 2.4MHz                 | 1.2MHz, 2.4MHz                    | 1.2MHz, 2.4MHz                 |
| Voltage - Output (Max)       | ±39V  | -                              | ±39V                              | -                              |
| Output Type                  | Adjustable                                  | Adjustable                     | Adjustable                        | Adjustable                     |
| Output Configuration         | Positive and Negative (Dual Rail)           | Negative                       | Positive and Negative (Dual Rail) | Negative                       |
| Voltage - Input (Max)        | 15V   | 15V                            | 15V                               | 15V                            |
| Topology                     | Boost, SEPIC                                | Buck-Boost                     | Boost, SEPIC                      | Buck-Boost                     |
| Current - Output             | 600mA, 1A                                   | 1.2A                           | 600mA, 1A                         | 2.4A                           |
| Voltage - Input (Min)        | 2.85V                                       | 2.85V                          | 2.85V                             | 2.85V                          |
| Series                       | -   | -                              | -                                 | -                              |
| Supplier Device Package      | 20-TSSOP-EP                                 | 16-LFCSP (3x3)                 | 20-LFCSP (4x4)                    | 16-LFCSP (3x3)                 |
| Function                     | Step-Up, Step-Up/Step-Down                  | Ratiometric, Step-Up/Step-Down | Step-Up, Step-Up/Step-Down        | Ratiometric, Step-Up/Step-Down |
| Mounting Type                | Surface Mount                               | Surface Mount                  | Surface Mount                     | Surface Mount                  |
| Synchronous Rectifier        | No  | No                             | No                                | No                             |
| Voltage - Output (Min/Fixed) | 0.8V, 1.6V                                  | Vin-39V                        | 0.8V, 1.6V                        | Vin-39V                        |
| Number of Outputs            | 2   | 1                              | 2                                 | 1                              |
| Base Product Number          | ADP5070                                     | ADP5073                        | ADP5070                           | ADP5074                        |
| Package                      | Tape & Reel (TR)                            | Tape & Reel (TR)               | Tray                              | Tape & Reel (TR)               |

### ADP5070AREZ-R7 Datasheet PDF

Download ADP5070AREZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADP5070AREZ-R7 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

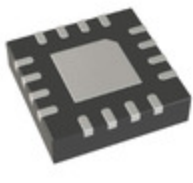



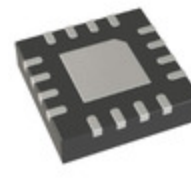
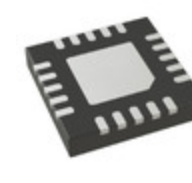


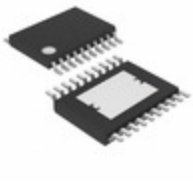

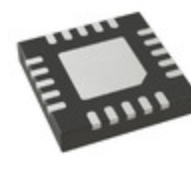



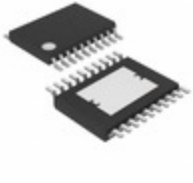
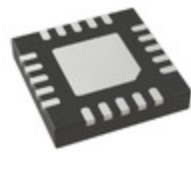


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## Recommended Products

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|---|---|--|---|--|---|
| <br><b>ADP5073ACPZ-R7</b><br>Analog Devices Inc.<br>IC REG BCK BST INV 1.2A 16LFCSP | <br><b>ADP5065ACBZ-1</b><br>ADI (Analog Devices, Inc.)    | <br><b>ADP5070ACPZ</b><br>Analog Devices Inc.<br>IC REG BST SEPIC ADJ DL 20LFCSP     | <br><b>ADP5062ACPZ-2-R7</b><br>Analog Devices Inc.<br>IC BATT CHG LI-ION 1CELL 20LFCSP | <br><b>ADP5074ACPZ-R7</b><br>Analog Devices Inc.<br>IC REG BCK BST INV 2.4A 16LFCSP  | <br><b>ADP5062ACPZ-1-R7</b><br>Analog Devices Inc.<br>IC BATT CHG LI-ION 1CELL 20LFCSP  |
| <br><b>ADP5071ACPZ</b><br>Analog Devices Inc.<br>IC REG BST SEPIC ADJ DL 20LFCSP   | <br><b>ADP5075ACBZ</b><br>ADI (Analog Devices, Inc.)     | <br><b>ADP5070AREZ</b><br>Analog Devices Inc.<br>IC REG BST SEPIC ADJ DL 20TSSOP    | <br><b>ADP50800017CBZR</b><br>ADI (Analog Devices, Inc.)                              | <br><b>ADP5070ACPZ-R7</b><br>Analog Devices Inc.<br>IC REG BST SEPIC ADJ DL 20LFCSP | <br><b>ADP5075ACBZ-R7</b><br>Analog Devices Inc.<br>IC REG BCK BST INV 800MA 12WLCSP   |
| <br><b>ADP5061ACPZ-3-R7</b><br>ADI (Analog Devices, Inc.)                          | <br><b>ADP5065ACBZ-1-R</b><br>ADI (Analog Devices, Inc.) | <br><b>ADP5071AREZ-R7</b><br>Analog Devices Inc.<br>IC REG BST SEPIC ADJ DL 20TSSOP | <br><b>ADP5071ACPZ-R7</b><br>Analog Devices Inc.<br>IC REG BST SEPIC ADJ DL 20LFCSP   | <br><b>ADP5062ACPZ-1</b><br>ADI (Analog Devices, Inc.)                              | <br><b>ADP5065ACBZ-1-R7</b><br>Analog Devices Inc.<br>IC BATT CHG LI-ION 1CELL 20WLCSP |

## 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:  
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