

Image may be representation.  
See specifications for product details.



## AD8158ACPZ

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>AD8158ACPZ</b>                      |
| Manufacturer             | <b>Analog Devices, Inc.</b>            |
| Allelco Part Number      | 32D-AD8158ACPZ                         |
| ECAD Model               | PCB Symbol, Footprint & 3D Model       |
| Parts Description        | IC MUX/DEMUX 4 X 2:1 100LFCSP          |
| Package                  | 100-VFQFN Exposed Pad                  |
| Data sheet               | <b>Cylindrical Battery Holders.pdf</b> |
| RoHs Status              | <b>ROHS3 Compliant</b>                 |

**Get a Quote**

AD8158ACPZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8158ACPZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD8158ACPZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD8158ACPZ Tech Specifications  
AD8158ACPZ - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute       | Attribute Value           | Product Attribute          | Attribute Value |
|-------------------------|---------------------------|----------------------------|-----------------|
| Manufacturer            | Analog Devices, Inc.      | Package                    | Tray            |
| Voltage Supply Source   | Single Supply             | Operating Temperature      | -40°C ~ 85°C    |
| Voltage - Supply        | 1.6V ~ 3.6V               | Mounting Type              | Surface Mount   |
| Type                    | Multiplexer/Demultiplexer | Independent Circuits       | 1               |
| Supplier Device Package | 100-LFCSP-VQ (12x12)      | Current - Output High, Low | -               |
| Series                  | XStream™                  | Circuit                    | 4 x 2:1         |
| Package / Case          | 100-VFQFN Exposed Pad     | Base Product Number        | AD8158          |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8158ACPZ

| Product Attribute          |                           |                     |                           |                           |
|----------------------------|---------------------------|---------------------|---------------------------|---------------------------|
| Part Number                | AD8158ACPZ                | AD8151ASTZ          | AD8153ACPZ-RL7            | AD8153ACPZ                |
| Manufacturer               | Analog Devices Inc.       | Analog Devices Inc. | Analog Devices Inc.       | Analog Devices Inc.       |
| Voltage - Supply           | 1.6V ~ 3.6V               | ±3.3V               | 3V ~ 3.6V                 | 3V ~ 3.6V                 |
| Supplier Device Package    | 100-LFCSP-VQ (12x12)      | 184-LQFP (20x20)    | 32-LFCSP (5x5)            | 32-LFCSP (5x5)            |
| Package                    | Tray                      | Tray                | Tape & Reel (TR)          | Tray                      |
| Voltage Supply Source      | Single Supply             | Dual Supply         | Single Supply             | Single Supply             |
| Mounting Type              | Surface Mount             | Surface Mount       | Surface Mount             | Surface Mount             |
| Package / Case             | 100-VFQFN Exposed Pad     | 184-LQFP            | 32-WFQFN Exposed Pad, CSP | 32-WFQFN Exposed Pad, CSP |
| Current - Output High, Low | -                         | -                   | -                         | -                         |
| Type                       | Multiplexer/Demultiplexer | Crosspoint Switch   | Multiplexer/Demultiplexer | Multiplexer/Demultiplexer |
| Operating Temperature      | -40°C ~ 85°C              | 0°C ~ 85°C          | -40°C ~ 85°C              | -40°C ~ 85°C              |
| Series                     | XStream™                  | XStream™            | XStream™                  | XStream™                  |
| Independent Circuits       | 1                         | 1                   | 1                         | 1                         |
| Circuit                    | 4 x 2:1                   | 1 x 33:17           | 1 x 2:1                   | 1 x 2:1                   |
| Base Product Number        | AD8158                    | AD8151              | AD8153                    | AD8153                    |

### AD8158ACPZ Datasheet PDF

Download AD8158ACPZ pdf datasheets and Analog Devices Inc. documentation for AD8158ACPZ - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

#### PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

### Customers Also Interested in

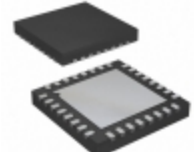
#### Recommended Products

|  |   |  |                |                            |   |
|--|---|--|----------------|----------------------------|---|
|  |   |  |                |                            |   |
| <b>AD8151ASTZ</b>  | <b>AD8153ACPZ-RL7</b>                               | <b>AD815ARB-24-REEL</b>                              | <b>AD8152S</b> | <b>AD815AR</b>             | <b>AD815AY</b>  |
| Analog Devices Inc.<br>IC CROSSPOINT SW 1X33:17<br>184LQFP | Analog Devices Inc.<br>IC MUX/DEMUX 1 X 2:1 32LFCSP | Analog Devices Inc.<br>IC AMP DIFF DUAL LDIST 24SOIC | NA             | ADI (Analog Devices, Inc.) | Analog Devices Inc.<br>IC OPAMP DIFF 2 CIRCUIT 24SOIC |



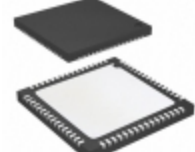
### AD815ARB-24

Analog Devices Inc.  
IC AMP DIFF DUAL LDIST 24SOIC



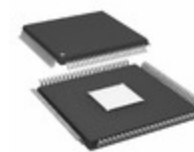
### AD8153ACPZ

Analog Devices Inc.  
IC MUX/DEMUX 1 X 2:1 32LFCSP



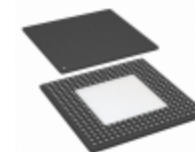
### AD8155ACPZ

Analog Devices Inc.  
IC MUX/DEMUX 2 X 2:1 64LFCSP



### AD8159ASVZ

Analog Devices Inc.  
IC MUX/DEMUX 4 X 2:1 100TQFP



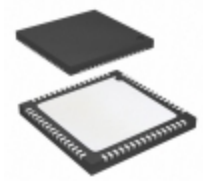
### AD8152JBPZ

Analog Devices Inc.  
IC CROSSPOINT SW 1X34:34  
256SBGA



### AD815AVR

Analog Devices Inc.  
IC OPAMP DIFF 2 CIRCUIT 24SOIC



### AD8155ACPZ-R7

Analog Devices Inc.  
IC MUX/DEMUX 2 X 2:1 64LFCSP



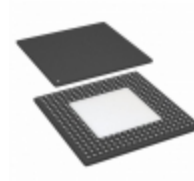
### AD8153ACP

ADI (Analog Devices, Inc.)



### AD8153ACPZ-R7

ADI (Analog Devices, Inc.)



### AD8152JBP

Analog Devices Inc.  
IC CROSSPOINT SWIT 34X34  
256BGA



### AD815ARBZ-24-REEL

Analog Devices Inc.  
IC OPAMP DIFF 2 CIRC 24SOIC  
W/BW



### AD815ARBZ-24

Analog Devices Inc.  
IC OPAMP DIFF 2 CIRC 24SOIC  
W/BW

## 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 Alleco 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:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone  
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- Email  
info@alleco.com

## Certifications & Memberships



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## Contact us

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