

Image may be representation.
See specifications for product details.



AD9628BCPZ-125

| | |
|--------------------------|--|
| Manufacturer Part Number | AD9628BCPZ-125 |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-AD9628BCPZ-125 |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC ADC 12BIT PIPELINED 64LFCSP |
| Package | 64-VFQFN Exposed Pad, CSP |
| Data sheet | Cylindrical Battery Holders.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

AD9628BCPZ-125 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9628BCPZ-125 datasheet/specifications on AllelcoElec.com.
Request a quote for AD9628BCPZ-125, please send us email: info@allelco.com

Specifications

AD9628BCPZ-125 Tech Specifications
AD9628BCPZ-125 - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------|---------------------------|--------------------------|----------------------------|
| Manufacturer | Analog Devices, Inc. | Number of Inputs | 2 |
| Voltage - Supply, Digital | 1.7V ~ 1.9V | Number of Bits | 12 |
| Voltage - Supply, Analog | 1.7V ~ 1.9V | Number of A/D Converters | 2 |
| Supplier Device Package | 64-LFCSP-VQ (9x9) | Mounting Type | Surface Mount |
| Series | - | Input Type | Differential, Single Ended |
| Sampling Rate (Per Second) | 125M | Features | Simultaneous Sampling |
| Reference Type | External, Internal | Data Interface | LVDS - Parallel |
| Ratio - S/H:ADC | 1:1 | Configuration | S/H-ADC |
| Package / Case | 64-VFQFN Exposed Pad, CSP | Base Product Number | AD9628 |
| Package | Tray | Architecture | Pipelined |
| Operating Temperature | -40°C ~ 85°C | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD9628BCPZ-125

| Product Attribute | | | | |
|----------------------------|----------------------------|---------------------------------|--------------------------------|---------------------------------|
| Part Number | AD9628BCPZ-125 | AD9627ABCPZ-105 | AD9627BCPZ-105 | AD9627ABCPZ-125 |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Supplier Device Package | 64-LFCSP-VQ (9x9) | 64-LFCSP-VQ (9x9) | 64-LFCSP-VQ (9x9) | 64-LFCSP-VQ (9x9) |
| Ratio - S/H:ADC | 1:1 | 1:1 | - | 1:1 |
| Base Product Number | AD9628 | AD9627 | AD9627 | AD9627 |
| Number of Bits | 12 | 12 | 12 | 12 |
| Sampling Rate (Per Second) | 125M | 105M | 105M | 125M |
| Voltage - Supply, Analog | 1.7V ~ 1.9V | 1.7V ~ 1.9V | - | 1.7V ~ 1.9V |
| Data Interface | LVDS - Parallel | Parallel | SPI | Parallel |
| Package / Case | 64-VFQFN Exposed Pad, CSP | 64-VFQFN Exposed Pad, CSP | 64-VFQFN Exposed Pad, CSP | 64-VFQFN Exposed Pad, CSP |
| Features | Simultaneous Sampling | Simultaneous Sampling | - | Simultaneous Sampling |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package | Tray | Tray | Tray | Tray |
| Number of A/D Converters | 2 | 2 | 2 | 2 |
| Architecture | Pipelined | Pipelined | - | Pipelined |
| Number of Inputs | 2 | 2 | - | 2 |
| Series | - | - | - | - |
| Reference Type | External, Internal | External, Internal | - | External, Internal |
| Voltage - Supply, Digital | 1.7V ~ 1.9V | 1.7V ~ 1.9V | - | 1.7V ~ 1.9V |
| Configuration | S/H-ADC | S/H-ADC | - | S/H-ADC |
| Input Type | Differential, Single Ended | Differential, Single Ended | - | Differential, Single Ended |
| Operating Temperature | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 85°C |

AD9628BCPZ-125 Datasheet PDF

Download AD9628BCPZ-125 pdf datasheets and Analog Devices Inc. documentation for AD9628BCPZ-125 - Analog Devices Inc..

Datasheets

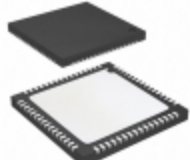



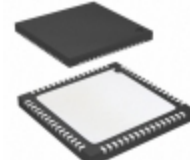
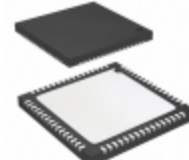


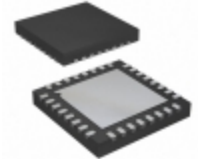

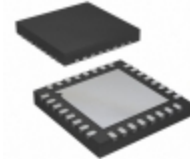



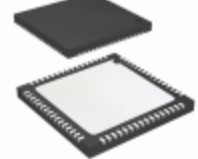

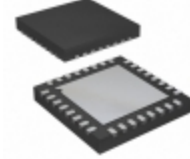

[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|--|--|--|--|
|  AD9627ABCPZ-105 Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP |  AD9630AN ADI (Analog Devices, Inc.) |  AD9630AR ADI (Analog Devices, Inc.) |  AD9627BCPZ-105 Analog Devices Inc. IC A/D 12BIT 105 MSPS DL 64LFCSP |  AD9627ABCPZ-125 Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP |  AD9628BCPZ-105 Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP |
|  AD9627BCPZ-150 Analog Devices Inc. IC A/D 12BIT 150 MSPS DL 64LFCSP |  AD9626BCPZ-170 Analog Devices Inc. IC ADC 12BIT PIPELINED 56LFCSP |  AD9629BCPZ-40 Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP |  AD9630ARZ ADI (Analog Devices, Inc.) |  AD9629BCPZ-65 Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP |  AD9626BCPZ-250 Analog Devices Inc. IC ADC 12BIT PIPELINED 56LFCSP |
|  AD9627BCPZ-125 Analog Devices Inc. IC A/D 12BIT 125 MSPS DL 64LFCSP |  AD9630ARZ-REEL7 ADI (Analog Devices, Inc.) |  AD9627ABCPZ-80 Analog Devices Inc. IC ADC 12BIT 80MSPS 64LFCSP |  AD9630ANZ ADI (Analog Devices, Inc.) |  AD9629BCPZ-20 Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP |  AD9627BCPZ11-150 Analog Devices Inc. IC ADC DUAL 11B 150MSPS 64LFCSP |

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



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