

Image may be representation.
See specifications for product details.



AD96687BR

Manufacturer Part Number	AD96687BR
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD96687BR
ECAD Model	Request Free CAD Models
Parts Description	IC COMPARATOR 2 W/LATCH 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

AD96687BR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD96687BR datasheet/specifications on AllelcoElec.com.
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Specifications

AD96687BR Tech Specifications

AD96687BR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-25°C ~ 85°C
Voltage - Supply, Single/Dual (±)	-	Number of Elements	2
Voltage - Input Offset (Max)	2mV @ -5.2V, 5V	Mounting Type	Surface Mount
Type	with Latch	Hysteresis	-
Supplier Device Package	16-SOIC	Current - Quiescent (Max)	18mA,36mA
Series	-	Current - Output (Typ)	30mA
Propagation Delay (Max)	3.5ns	Current - Input Bias (Max)	10µA @ -5.2V,5V
Package / Case	16-SOIC (0.154", 3.90mm Width)	CMRR, PSRR (Typ)	90dB CMRR, 70dB PSRR
Package	Tube	Base Product Number	AD96687
Output Type	Complementary, ECL, Open-Emitter		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD96687BR

Product Attribute				
Part Number	AD96687BR	AD96685BR	AD96687BQ	AD96687BPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Type	with Latch	with Latch	with Latch	with Latch
Supplier Device Package	16-SOIC	16-SOIC	16-CERDIP	20-PLCC (9x9)
Voltage - Supply, Single/Dual (±)	-	-	-	-
Propagation Delay (Max)	3.5ns	3.5ns	3.5ns	3.5ns
CMRR, PSRR (Typ)	90dB CMRR, 70dB PSRR	90dB CMRR, 70dB PSRR	90dB CMRR, 70dB PSRR	90dB CMRR, 70dB PSRR
Number of Elements	2	1	2	2
Current - Quiescent (Max)	18mA,36mA	18mA,36mA	18mA,36mA	18mA,36mA
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-CDIP (0.300", 7.62mm)	20-LCC (J-Lead)
Voltage - Input Offset (Max)	2mV @ -5.2V, 5V	2mV @ -5.2V, 5V	2mV @ -5.2V, 5V	2mV @ -5.2V, 5V
Hysteresis	-	-	-	-
Base Product Number	AD96687	AD96685	AD96687	AD96687
Series	-	-	-	-
Package	Tube	Tube	Tube	Tube
Output Type	Complementary, ECL, Open-Emitter	Complementary, Differential, ECL, Open-Emitter	Complementary, ECL, Open-Emitter	Complementary, ECL, Open-Emitter
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Operating Temperature	-25°C ~ 85°C	-25°C ~ 85°C	-25°C ~ 85°C	-25°C ~ 85°C
Current - Output (Typ)	30mA	30mA	30mA	30mA
Current - Input Bias (Max)	10µA @ -5.2V,5V	10µA @ -5.2V,5V	10µA @ -5.2V,5V	10µA @ -5.2V,5V

AD96687BR Datasheet PDF

Download AD96687BR pdf datasheets and Analog Devices Inc. documentation for AD96687BR - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

PCN Obsolescence/ EOL

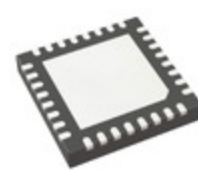
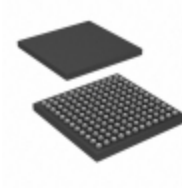
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Customers Also Interested in

Recommended Products

**AD96685BQ**

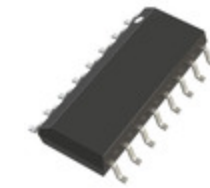
ADI (Analog Devices, Inc.)

**AD96685BR**Analog Devices Inc.
IC COMPARATOR 1 W/LATCH
16SOIC**AD9680BCPZ-1000**Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP**AD9670BBCZ**Analog Devices Inc.
IC AFE 8 CHAN 14BIT 144CSPBGA**AD96685TQ/883B**

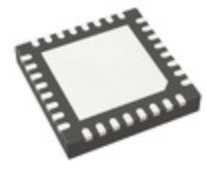
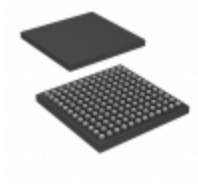
ADI (Analog Devices, Inc.)

AD96687BQAnalog Devices Inc.
IC COMPARATOR 2 W/LATCH
16CERDIP**AD96687BPZ**Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
20PLCC**AD96685BRZ-REEL**Analog Devices Inc.
IC COMPARATOR 1 W/LATCH
16SOIC**AD96685TH/883**

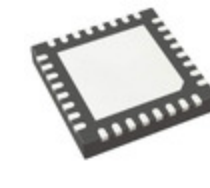
ADI (Analog Devices, Inc.)

**AD96685BRZ**Analog Devices Inc.
IC COMPARATOR 1 W/LATCH
16SOIC**AD96687BRZ**Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
16SOIC**AD96685BRZ-REEL7**

ADI (Analog Devices, Inc.)

**AD9680BCPZ-500**Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP**AD9671KBCZ**Analog Devices Inc.
IC AFE 8 CHAN 14BIT 144CSPBGA**AD96687TQ/883B**

ADI (Analog Devices, Inc.)

**AD96687BP**Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
20PLCC**AD9680BCPZ-1250**Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP**AD96687BR-REEL**Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
16SOIC

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.



Your Faithful Supply Chain Partner -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



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