

Image may be representation.
See specifications for product details.



ADCMP565BPZ

Manufacturer Part Number	ADCMP565BPZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADCMP565BPZ
ECAD Model	PCB Footprint and Symbol
Parts Description	IC COMPARATOR 2 W/LATCH 20PLCC
Package	20-LCC (J-Lead)
Data sheet	ADCMP565.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADCMP565BPZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADCMP565BPZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADCMP565BPZ, please send us email: info@allelco.com

Specifications

ADCMP565BPZ Tech Specifications
ADCMP565BPZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Single/Dual (±)	±4.75V ~ 5.25V	Number of Elements	2
Voltage - Input Offset (Max)	6mV @ 5V	Mounting Type	Surface Mount
Type	with Latch	Hysteresis	±1mV
Supplier Device Package	20-PLCC (9x9)	Current - Quiescent (Max)	18mA, 80mA
Series	-	Current - Output (Typ)	30mA
Propagation Delay (Max)	0.375ns	Current - Input Bias (Max)	40µA @ 5V
Package / Case	20-LCC (J-Lead)	CMRR, PSRR (Typ)	69dB CMRR
Package	Tube	Base Product Number	ADCMP565
Output Type	Complementary, Differential, ECL, Open-Emitter		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADCMP565BPZ

Product Attribute				
Part Number	ADCMP565BPZ	ADCMP567BCPZ	ADCMP562BRQZ-RL7	ADCMP562BRQ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Output (Typ)	30mA	30mA	30mA	30mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Series	-	-	-	-
Voltage - Input Offset (Max)	6mV @ 5V	5mV @ 5V	2mV @ -5.2V, 5V	2mV @ -5.2V,5V
Base Product Number	ADCMP565	ADCMP567	ADCMP562	ADCMP562
Current - Input Bias (Max)	40µA @ 5V	24µA @ 5V	3µA @ -5.2V,5V	3µA @ -5.2V,5V
Package	Tube	Tray	Tape & Reel (TR)	Tube
Type	with Latch	with Latch	General Purpose	with Latch
Package / Case	20-LCC (J-Lead)	32-VFQFN Exposed Pad, CSP	20-SSOP (0.154', 3.90mm Width)	20-SSOP (0.154', 3.90mm Width)
Number of Elements	2	2	2	2
Output Type	Complementary, Differential, ECL, Open-Emitter	Complementary, Differential, Open-Emitter, PECL	Complementary, PECL	Complementary, Differential, Open-Emitter, PECL
CMRR, PSRR (Typ)	69dB CMRR	69dB CMRR	80dB CMRR, 85dB PSRR	80dB CMRR, 85dB PSRR
Current - Quiescent (Max)	18mA, 80mA	20mA, 95mA, 18mA	5mA, 28mA, 13mA	5mA, 28mA, 13mA
Voltage - Supply, Single/Dual (±)	±4.75V ~ 5.25V	±4.75V ~ 5.25V	±4.75V ~ 5.25V	±4.75V ~ 5.25V
Propagation Delay (Max)	0.375ns	0.3ns	0.83ns	0.83ns
Hysteresis	±1mV	±1mV	±1mV	±1mV
Supplier Device Package	20-PLCC (9x9)	32-LFCSP (5x5)	20-QSOP	20-QSOP

ADCMP565BPZ Datasheet PDF

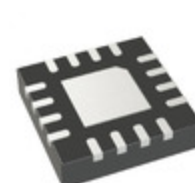
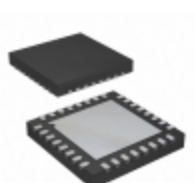
Download ADCMP565BPZ pdf datasheets and Analog Devices Inc. documentation for ADCMP565BPZ - Analog Devices Inc..

Datasheets

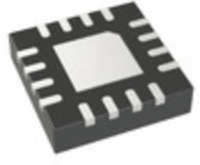
[ADCMP565.pdf](#)

Customers Also Interested in

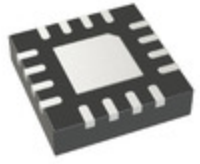
Recommended Products



ADCMP567BCPZ
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
32LFCSP

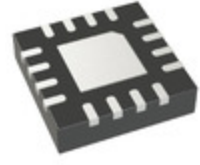


ADCMP572BCPZ-R2
Analog Devices Inc.
IC COMPARATOR 1 W/LATCH
16LFCSP



ADCMP573BCPZ-R2
Analog Devices Inc.
IC COMPARATOR 1 W/LATCH
16LFCSP

ADCMP562BRQZ-RL7
Analog Devices Inc.
IC COMPARATOR 2 GEN PUR
20QSOP



ADCMP572BCPZ-RL7
Analog Devices Inc.
IC COMPARATOR 1 W/LATCH
16LFCSP



ADCMP564BRQZ
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
20QSOP

ADCMP562BRQ
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
20QSOP



ADCMP563BRQZ
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
16QSOP



ADCMP562BRQZ
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
20QSOP

ADCMP562BRQZ-RL
ADI (Analog Devices, Inc.)



ADCMP572BCPZ
ADI (Analog Devices, Inc.)

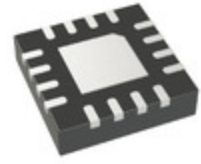


ADCMP573BCP-RL7
Analog Devices Inc.
IC COMPARATOR PECL 3.3-5
16LFCSP

ADCMP564BRQ
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
20QSOP



ADCMP561BRQZ
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
16QSOP



ADCMP563BCPZ-R2
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
16LFCSP

ADCMP573BCPZ-RL7
Analog Devices Inc.
IC COMPARATOR 1 W/LATCH
16LFCSP



ADCMP563BCPZ-R
ADI (Analog Devices, Inc.)



ADCMP566BCPZ
Analog Devices Inc.
IC COMPARATOR 2 W/LATCH
32LFCSP

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.

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+00852 9146 4856
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info@allelco.com

Certifications & Memberships



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