

Image may be representation.  
See specifications for product details.



## ADG781BCPZ

Manufacturer Part Number	<b>ADG781BCPZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG781BCPZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SWITCH SPST-NCX4 40HM 20LFCSP
Package	20-WFQFN Exposed Pad, CSP
Data sheet	<b>ADG781-783.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG781BCPZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG781BCPZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG781BCPZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG781BCPZ Tech Specifications  
ADG781BCPZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	4
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	11ns, 6ns (Typ)	Current - Leakage (IS(off)) (Max)	100pA
Switch Circuit	SPST - NC	Crosstalk	-90dB @ 10MHz
Supplier Device Package	20-LFCSP (4x4)	Charge Injection	3pC
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	20-WFQFN Exposed Pad, CSP	Channel Capacitance (CS(off), CD(off))	10pF, 10pF
Package	Tray	Base Product Number	ADG781
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	200MHz
On-State Resistance (Max)	40hm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG781BCPZ

Product Attribute				
Part Number	ADG781BCPZ	ADG774BRZ	ADG787BCPZ-REEL	ADG783BCPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
-3db Bandwidth	200MHz	240MHz	145MHz	200MHz
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	3V ~ 5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Channel Capacitance (CS(off), CD(off))	10pF, 10pF	10pF, 20pF	16pF	10pF, 10pF
Switch Circuit	SPST - NC	SPDT	SPDT	SPST - NO/NC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Multiplexer/Demultiplexer Circuit	1:1	2:1	2:1	1:1
Voltage - Supply, Dual (V±)	-	-	-	-
Number of Circuits	4	4	2	4
Charge Injection	3pC	10pC	14pC	3pC
Switch Time (Ton, Toff) (Max)	11ns, 6ns (Typ)	15ns, 8ns	19ns, 5ns	11ns, 6ns (Typ)
Base Product Number	ADG781	ADG774	ADG787	ADG783
Channel-to-Channel Matching (ΔRon)	-	150mOhm	20mOhm	-
On-State Resistance (Max)	40hm	2.20hm (Typ)	30hm	40hm
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	20-LFCSP (4x4)	16-SOIC	10-LFCSP-WD (3x3)	20-LFCSP (4x4)
Package	Tray	Tube	Tape & Reel (TR)	Tray
Series	-	-	-	-
Crosstalk	-90dB @ 10MHz	-75dB @ 10MHz	-110dB @ 1MHz	-90dB @ 10MHz
Package / Case	20-WFQFN Exposed Pad, CSP	16-SOIC (0.154", 3.90mm Width)	10-VDFDN Exposed Pad, CSP	20-WFQFN Exposed Pad, CSP
Current - Leakage (IS(off)) (Max)	100pA	500pA	50pA (Typ)	100pA

### ADG781BCPZ Datasheet PDF



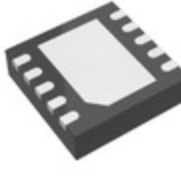
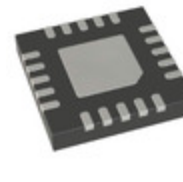
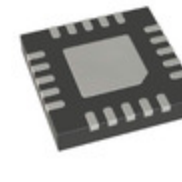
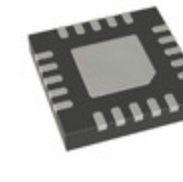


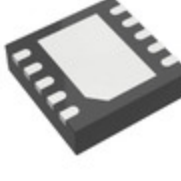








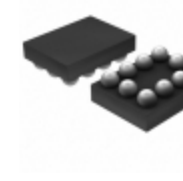
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#### Datasheets

ADG781-783.pdf

### Customers Also Interested in

## Recommended Products

					
<b>ADG779BKSZ-RL7</b>	<b>ADG774BRZ</b>	<b>ADG787BCPZ-REEL</b>	<b>ADG783BCPZ</b>	<b>ADG784BCPZ</b>	<b>ADG782BCP</b>
ADI (Analog Devices, Inc.)	Analog Devices Inc. IC SWITCH SPDT X 4 2.2OHM 16SOIC	Analog Devices Inc. IC SWITCH SPDT X 2 3OHM 10LFCSP	Analog Devices Inc. IC SW SPST-NO/NCX4 4OHM 20LFCSP	Analog Devices Inc. IC SWITCH SPDTX4 2.2OHM 20LFCSP	Analog Devices Inc. IC SWITCH QUAD SPST 20LFCSP
					
<b>ADG782BCPZ-REEL7</b>	<b>ADG779BKS</b>	<b>ADG787BCPZ-500RL7</b>	<b>ADG779BKSZ-REEL</b>	<b>ADG779BKSZ</b>	<b>ADG779BKS-REEL</b>
Analog Devices Inc. IC SWITCH SPST-NOX4 4OHM 20LFCSP	ADI (Analog Devices, Inc.)	Analog Devices Inc. IC SWITCH SPDT X 2 3OHM 10LFCSP	Analog Devices Inc. IC SWITCH SPDT X 1 5OHM SC70-6	ADI (Analog Devices, Inc.)	Analog Devices Inc. IC SWITCH SPDT SC70-6
					
<b>ADG787BCPZ-REEL7</b>	<b>ADG774BRZ-REEL</b>	<b>ADG779BKSZ-R2</b>	<b>ADG779BKS-REEL7</b>	<b>ADG779BKSZ-REEL7</b>	<b>ADG787BCBZ-500RL7</b>
Analog Devices Inc. IC SWITCH SPDT X 2 3OHM 10LFCSP	Analog Devices Inc. IC SWITCH SPDT X 4 2.2OHM 16SOIC	Analog Devices Inc. IC SWITCH SPDT X 1 5OHM SC70-6	Analog Devices Inc. IC SWITCH SPDT SC70-6	Analog Devices Inc. IC SWITCH SPDT X 1 5OHM SC70-6	Analog Devices Inc. IC SWITCH SPDT X 2 3OHM 10WLCSP

## 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.

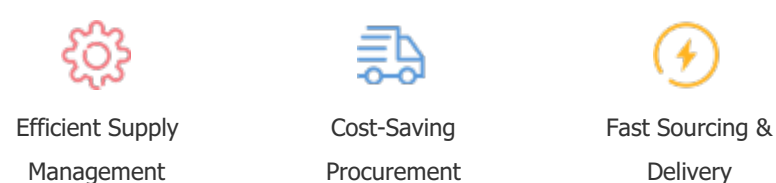
## Payment Support

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 -



Contact us if you have any questions.



## Certifications & Memberships



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