

Image may be representation.  
See specifications for product details.



## ADG824BCPZ-REEL7

Manufacturer Part Number	<b>ADG824BCPZ-REEL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG824BCPZ-REEL7
ECAD Model	3D Model
Parts Description	IC SWITCH SPDTX2 800MOHM 10LFCSP
Package	10-UFQFN, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG824BCPZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG824BCPZ-REEL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADG824BCPZ-REEL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG824BCPZ-REEL7 Tech Specifications  
ADG824BCPZ-REEL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	2
Voltage - Supply, Single (V+)	1.65V ~ 3.6V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	9.5ns, 7.7ns	Current - Leakage (IS(off)) (Max)	200pA (Typ)
Switch Circuit	SPDT	Crosstalk	-90dB @ 100kHz
Supplier Device Package	10-LFCSP-UQ (1.6x1.3)	Charge Injection	27pC
Series	-	Channel-to-Channel Matching (ΔRon)	3mOhm
Package / Case	10-UFQFN, CSP	Channel Capacitance (CS(off), CD(off))	25pF
Package	Tape & Reel (TR)	Base Product Number	ADG824
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	90MHz
On-State Resistance (Max)	800mOhm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG824BCPZ-REEL7

Product Attribute				
Part Number	ADG824BCPZ-REEL7	<b>ADG836YRM-REEL7</b>	<b>ADG822BRMZ-REEL7</b>	<b>ADG836YCP-REEL</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Channel Capacitance (CS(off), CD(off))	25pF	25pF	85pF, 98pF	-
Number of Circuits	2	2	2	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Switch Circuit	SPDT	SPDT	SPST - NC	-
Voltage - Supply, Dual (V±)	-	-	-	-
Base Product Number	ADG824	ADG836	ADG822	ADG836
-3db Bandwidth	90MHz	57MHz	24MHz	-
Series	-	-	-	-
Crosstalk	-90dB @ 100kHz	-90dB @ 100kHz	-82dB @ 1MHz	-
Current - Leakage (IS(off)) (Max)	200pA (Typ)	200pA (Typ)	250pA	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-
Voltage - Supply, Single (V+)	1.65V ~ 3.6V	1.65V ~ 3.6V	1.8V ~ 5.5V	-
Package / Case	10-UFQFN, CSP	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	12-VFQFN Exposed Pad, CSP
Charge Injection	27pC	40pC	15pC	-
Multiplexer/Demultiplexer Circuit	2:1	2:1	1:1	-
On-State Resistance (Max)	800mOhm	650mOhm	600mOhm	-
Switch Time (Ton, Toff) (Max)	9.5ns, 7.7ns	26ns, 7ns	45ns, 16ns	-
Supplier Device Package	10-LFCSP-UQ (1.6x1.3)	10-MSOP	8-MSOP	12-LFCSP-VQ (3x3)
Channel-to-Channel Matching (ΔRon)	3mOhm	40mOhm	160mOhm	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### ADG824BCPZ-REEL7 Datasheet PDF

Download ADG824BCPZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for ADG824BCPZ-REEL7 - Analog Devices Inc..

#### Datasheets



















[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>ADG836YRM-REEL7</b> Analog Devices Inc. IC SWITCH SPDTX2 650MOHM 10MSOP	<b>ADG823BRM-REEL7</b> Analog Devices Inc. IC SW DUAL SPST 1.8/5.5V 8MSOP	<b>ADG822BRMZ-REEL7</b> Analog Devices Inc. IC SW SPST-NCX2 600MOHM 8MSOP	<b>ADG836YCP-REEL</b> Analog Devices Inc. IC SWITCH DUAL SPDT 12LFCSP	<b>ADG821BRMZ-REEL7</b> Analog Devices Inc. IC SW SPST-NOX2 600MOHM 8MSOP	<b>ADG836YRMZ-REEL</b> Analog Devices Inc. IC SWITCH SPDTX2 650MOHM 10MSOP
					
<b>ADG836LYRMZ</b> Analog Devices Inc. IC SWITCH SPDTX2 650MOHM 10MSOP	<b>ADG821BRMZ</b> Analog Devices Inc. IC SW SPST-NOX2 600MOHM 8MSOP	<b>ADG836YRM</b> Analog Devices Inc. IC SWITCH SPDTX2 650MOHM 10MSOP	<b>ADG823BRMZ</b> Analog Devices Inc. IC SW SPST-NO/NCX2 600MOHM 8MSOP	<b>ADG824BCPZ-REEL</b> ADI (Analog Devices, Inc.)	<b>ADG836YRMZ</b> Analog Devices Inc. IC SWITCH SPDTX2 650MOHM 10MSOP
					
<b>ADG836YRMZ-REEL7</b> Analog Devices Inc. IC SWITCH SPDTX2 650MOHM 10MSOP	<b>ADG836YCPZ-REEL7</b> Analog Devices Inc. IC SWITCH SPDTX2 650MOHM 12LFCSP	<b>ADG823BRMZ-REEL7</b> Analog Devices Inc. IC SW SPST-NO/NCX2 600MOHM 8MSOP	<b>ADG823BRM</b> Analog Devices Inc. IC SW SPST-NO/NCX2 600MOHM 8MSOP	<b>ADG836LYRM-REEL7</b> Analog Devices Inc. IC SWITCH SPDTX2 650MOHM 10MSOP	<b>ADG822BRMZ</b> Analog Devices Inc. IC SW SPST-NCX2 600MOHM 8MSOP

## 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

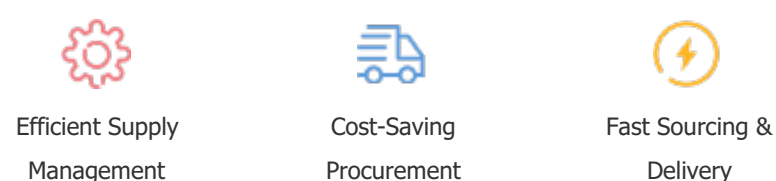
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

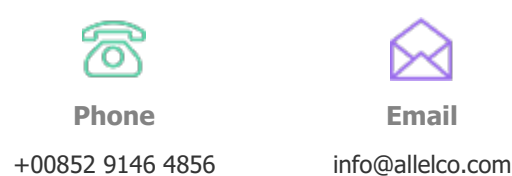
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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