



Image may be representation.  
See specifications for product details.



## ADG842YKSZ-500RL7

Manufacturer Part Number	<b>ADG842YKSZ-500RL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG842YKSZ-500RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SW SPST-NCX1 370MOHM SC70-6
Package	6-TSSOP, SC-88, SOT-363
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG842YKSZ-500RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG842YKSZ-500RL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADG842YKSZ-500RL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG842YKSZ-500RL7 Tech Specifications  
ADG842YKSZ-500RL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	1
Voltage - Supply, Single (V+)	1.65V ~ 3.6V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	14ns, 7.8ns	Current - Leakage (IS(off)) (Max)	200pA (Typ)
Switch Circuit	SPST - NC	Crosstalk	-
Supplier Device Package	SC-70-6	Charge Injection	200pC
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	6-TSSOP, SC-88, SOT-363	Channel Capacitance (CS(off), CD(off))	160pF, 160pF
Package	Tape & Reel (TR)	Base Product Number	ADG842
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	21MHz
On-State Resistance (Max)	370mOhm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG842YKSZ-500RL7

Product Attribute				
Part Number	ADG842YKSZ-500RL7	ADG841YKSZ-REEL	ADG849YKSZ-REEL	ADG839YKSZ-500RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Channel Capacitance (CS(off), CD(off))	160pF, 160pF	160pF, 160pF	52pF	74pF
Multiplexer/Demultiplexer Circuit	1:1	1:1	2:1	2:1
Number of Circuits	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Channel-to-Channel Matching (ΔRon)	-	-	50mOhm	40mOhm
Current - Leakage (IS(off)) (Max)	200pA (Typ)	200pA (Typ)	10pA (Typ)	200pA (Typ)
On-State Resistance (Max)	370mOhm	370mOhm	600mOhm	500mOhm
Switch Time (Ton, Toff) (Max)	14ns, 7.8ns	14ns, 7.8ns	15ns, 13ns	16ns, 8.5ns
Base Product Number	ADG842	ADG841	ADG849	ADG839
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Switch Circuit	SPST - NC	SPST - NO	SPDT	SPDT
Supplier Device Package	SC-70-6	SC-70-6	SC-70-6	SC-70-6
Voltage - Supply, Single (V+)	1.65V ~ 3.6V	1.65V ~ 3.6V	1.8V ~ 5.5V	1.65V ~ 3.6V
-3db Bandwidth	21MHz	21MHz	38MHz	25MHz
Charge Injection	200pC	200pC	50pC	70pC
Package / Case	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363
Series	-	-	-	-
Crosstalk	-	-	-64dB @ 100kHz	-57dB @ 100kHz
Voltage - Supply, Dual (V±)	-	-	-	-

### ADG842YKSZ-500RL7 Datasheet PDF

Download ADG842YKSZ-500RL7 pdf datasheets and Analog Devices Inc. documentation for ADG842YKSZ-500RL7 - Analog Devices Inc..

#### Datasheets



















[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>ADG841YKSZ-REEL</b> Analog Devices Inc. IC SW SPST-NOX1 370MOHM SC70-6	<b>ADG849YKSZ-RL7</b> ADI (Analog Devices, Inc.)	<b>ADG849YKS-REEL7</b> ADI (Analog Devices, Inc.)	<b>ADG849YKSZ-REEL</b> Analog Devices Inc. IC SWITCH SPDTX1 600MOHM SC70-6	<b>ADG839YKSZ-500RL7</b> Analog Devices Inc. IC SWITCH SPDTX1 500MOHM SC70-6	<b>ADG841YKSZ-500RL7</b> Analog Devices Inc. IC SW SPST-NOX1 370MOHM SC70-6
					
<b>ADG852BCPZ-REEL7</b> Analog Devices Inc. IC SWITCH SPDTX1 850MOHM 10LFCSP	<b>ADG839YKSZ-REEL</b> Analog Devices Inc. IC SWITCH SPDTX1 500MOHM SC70-6	<b>ADG839YKSZ-REEL7</b> Analog Devices Inc. IC SWITCH SPDTX1 500MOHM SC70-6	<b>ADG849YKSZ-500RL7</b> Analog Devices Inc. IC SWITCH SPDTX1 600MOHM SC70-6	<b>ADG849YKSZ-REEL7</b> Analog Devices Inc. IC SWITCH SPDTX1 600MOHM SC70-6	<b>ADG841YKSZ</b> ADI (Analog Devices, Inc.)
					
<b>ADG841YKSZ-500RL</b> ADI (Analog Devices, Inc.)	<b>ADG839YKSZ-500</b> ADI (Analog Devices, Inc.)	<b>ADG842YKSZ-REEL</b> Analog Devices Inc. IC SW SPST-NCX1 370MOHM SC70-6	<b>ADG849YKSZ</b> ADI (Analog Devices, Inc.)	<b>ADG841YKSZ-REEL7</b> Analog Devices Inc. IC SW SPST-NOX1 370MOHM SC70-6	<b>ADG842YKSZ-REEL7</b> Analog Devices Inc. IC SW SPST-NCX1 370MOHM SC70-6

## 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

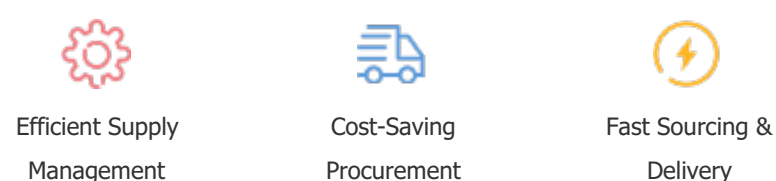
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

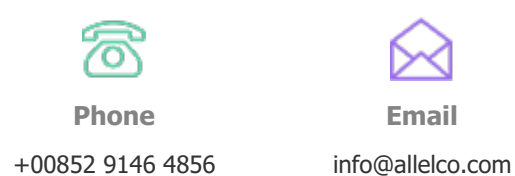
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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