

Image may be representation.
See specifications for product details.



ADG506ATE/883B

Manufacturer Part Number	ADG506ATE/883B
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG506ATE/883B
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 16:1 300OHM 28LCC
Package	28-LCC
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG506ATE/883B - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG506ATE/883B datasheet/specifications on AllelcoElec.com. Request a quote for ADG506ATE/883B, please send us email: info@allelco.com

Specifications

ADG506ATE/883B Tech Specifications

ADG506ATE/883B - 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+)	10.8V ~ 16.5V	Multiplexer/Demultiplexer Circuit	16:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	300ns, 300ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	-	Crosstalk	-
Supplier Device Package	28-LCC (11.43x11.43)	Charge Injection	4pC
Series	-	Channel-to-Channel Matching (ΔRon)	150hm (Typ)
Package / Case	28-LCC	Channel Capacitance (CS(off), CD(off))	5pF, 44pF
Package	Tube	Base Product Number	ADG506
Operating Temperature	-55°C ~ 125°C	-3db Bandwidth	-
On-State Resistance (Max)	3000hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG506ATE/883B

Product Attribute				
Part Number	ADG506ATE/883B	ADG507AKPZ	ADG506AKP	ADG506AKNZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Channel-to-Channel Matching (ΔRon)	150hm (Typ)	150hm	150hm	150hm
Charge Injection	4pC	4pC	4pC	4pC
Package / Case	28-LCC	28-LCC (J-Lead)	28-LCC (J-Lead)	28-DIP (0.600", 15.24mm)
Supplier Device Package	28-LCC (11.43x11.43)	28-PLCC (11.51x11.51)	28-PLCC (11.51x11.51)	28-PDIP
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Current - Leakage (IS(off)) (Max)	1nA	1nA	1nA	1nA
Crosstalk	-	-	-	-
-3db Bandwidth	-	-	-	-
Switch Time (Ton, Toff) (Max)	300ns, 300ns	300ns, 300ns	300ns, 300ns	300ns, 300ns
On-State Resistance (Max)	3000hm	3000hm	3000hm	3000hm
Operating Temperature	-55°C ~ 125°C	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tube	Tube	Tube	Tube
Base Product Number	ADG506	ADG507	ADG506	ADG506
Multiplexer/Demultiplexer Circuit	16:1	8:1	16:1	16:1
Switch Circuit	-	-	-	-
Channel Capacitance (CS(off), CD(off))	5pF, 44pF	5pF, 22pF	5pF, 44pF	5pF, 44pF
Voltage - Supply, Single (V+)	10.8V ~ 16.5V	10.8V ~ 16.5V	10.8V ~ 16.5V	10.8V ~ 16.5V
Number of Circuits	1	2	1	1
Voltage - Supply, Dual (V±)	-	±10.8V ~ 16.5V	±10.8V ~ 16.5V	±10.8V ~ 16.5V

ADG506ATE/883B Datasheet PDF

Download ADG506ATE/883B pdf datasheets and Analog Devices Inc. documentation for ADG506ATE/883B - Analog Devices Inc..

Datasheets



















[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[TeamQuest 10/June/2016.pdf](#)

Customers Also Interested in

Recommended Products

					
ADG507AKPZ Analog Devices Inc. IC MUX DUAL 8:1 300OHM 28PLCC	ADG506AKP Analog Devices Inc. IC MUX 16:1 300OHM 28PLCC	ADG506AKNZ Analog Devices Inc. IC MUX 16:1 300OHM 28DIP	ADG507AKN Analog Devices Inc. IC MUX DUAL 8:1 300OHM 28DIP	ADG507A ADI (Analog Devices, Inc.)	ADG507AKP Analog Devices Inc. IC MUX DUAL 8:1 300OHM 28PLCC
					
ADG506AKR Analog Devices Inc. IC MUX 16:1 300OHM 28SOIC	ADG506AKRZ-REEL7 ADI (Analog Devices, Inc.)	ADG506AKN Analog Devices Inc. IC MUX 16:1 300OHM 28DIP	ADG506AKPZ Analog Devices Inc. IC MUX 16:1 300OHM 28PLCC	ADG506BNZ ADI (Analog Devices, Inc.)	ADG506ATE/883 ADI (Analog Devices, Inc.)
					
ADG506ATQ/883B Analog Devices Inc. IC MUX 16:1 300OHM 28CDIP	ADG507AKR Analog Devices Inc. IC MUX DUAL 8:1 300OHM 28SOIC	ADG506AKRZ-REEL Analog Devices Inc. IC MUX 16:1 300OHM 28SOIC	ADG506AKRZ Analog Devices Inc. IC MUX 16:1 300OHM 28SOIC	ADG506ATQ Analog Devices Inc. IC MUX 16:1 300OHM 28CDIP	ADG507AKNZ Analog Devices Inc. IC MUX DUAL 8:1 300OHM 28DIP

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

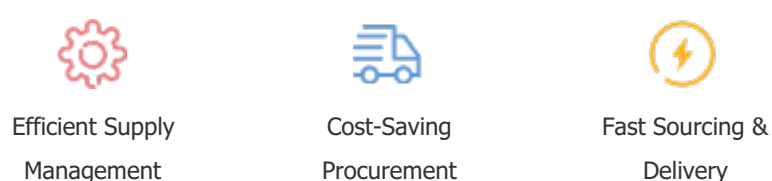
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

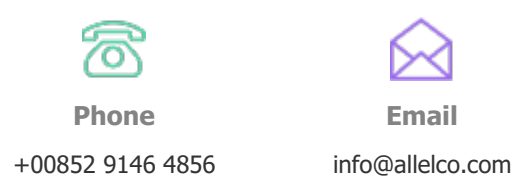
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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