

Image may be representation.
See specifications for product details.



AD7147PACPZ-1500R7

Manufacturer Part Number	AD7147PACPZ-1500R7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7147PACPZ-1500R7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC CAP TO DGT 16BIT 250K 24LFCSP
Package	24-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7147PACPZ-1500R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7147PACPZ-1500R7 datasheet/specifications on AllelcoElec.com. Request a quote for AD7147PACPZ-1500R7, please send us email: info@allelco.com

Specifications

AD7147PACPZ-1500R7 Tech Specifications
AD7147PACPZ-1500R7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package / Case	24-WFQFN Exposed Pad, CSP
Voltage Supply Source	Single Supply	Package	Tape & Reel (TR)
Voltage - Supply	2.6V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Type	Capacitance-to-Digital Converter	Number of Channels	13
Supplier Device Package	24-LFCSP (4x4)	Mounting Type	Surface Mount
Series	CapTouch™	Data Interface	I ² C, Serial
Sampling Rate (Per Second)	250k	Base Product Number	AD7147
Resolution (Bits)	16 b		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7147PACPZ-1500R7

Product Attribute				
Part Number	AD7147PACPZ-1500R7	AD7147PACPZ-500R7	AD7147ACPZ-500RL7	AD7147ACPZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply	2.6V ~ 3.6V	2.6V ~ 3.6V	2.6V ~ 3.6V	2.6V ~ 3.6V
Package / Case	24-WFQFN Exposed Pad, CSP	24-WFQFN Exposed Pad, CSP	24-WFQFN Exposed Pad, CSP	24-WFQFN Exposed Pad, CSP
Data Interface	I ² C, Serial	SPI	SPI	SPI
Base Product Number	AD7147	AD7147	AD7147	AD7147
Type	Capacitance-to-Digital Converter	Capacitance-to-Digital Converter	Capacitance-to-Digital Converter	Capacitance-to-Digital Converter
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Resolution (Bits)	16 b	16 b	16 b	16 b
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Sampling Rate (Per Second)	250k	250k	250k	250k
Number of Channels	13	13	13	13
Voltage Supply Source	Single Supply	Single Supply	Single Supply	Single Supply
Series	CapTouch™	CapTouch™	CapTouch™	CapTouch™
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	24-LFCSP (4x4)	24-LFCSP (4x4)	24-LFCSP (4x4)	24-LFCSP (4x4)

AD7147PACPZ-1500R7 Datasheet PDF

Download AD7147PACPZ-1500R7 pdf datasheets and Analog Devices Inc. documentation for AD7147PACPZ-1500R7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Other

[2.73KHz.pdf](#)

PCN Assembly/Origin

[PKG Conversion/Assembly Site Transfer 04/May/2016.pdf](#)

Customers Also Interested in

Recommended Products

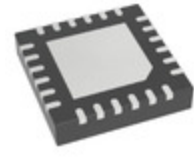
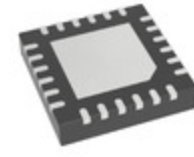


AD7147PACPZ-1,500

ADI (Analog Devices, Inc.)

**AD7150BRMZ-REEL**Analog Devices Inc.
IC CAP CONV 2CH ULT LP 10MSOP**AD7147ACPZ**

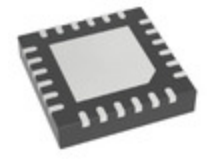
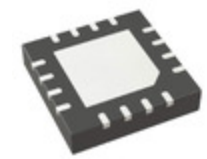
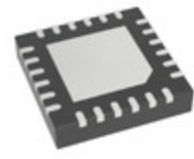
ADI (Analog Devices, Inc.)

**AD7151BRMZ**Analog Devices Inc.
IC CAP CONV 1CH ULT LP 10MSOP**AD7151BRMZ-REEL**Analog Devices Inc.
IC CAP CONV 1CH ULT LP 10MSOP**AD7147ACPZ-500RL7**Analog Devices Inc.
IC CAP TO DGT 16BIT 250K 24LFCSP**AD7147PACPZ-500R7**Analog Devices Inc.
IC CAP TO DGT 16BIT 250K 24LFCSP**AD7147ACPZ-REEL**Analog Devices Inc.
IC CAP TO DGT 16BIT 250K 24LFCSP**AD7150BRMZ**Analog Devices Inc.
IC CAP CONV 2CH ULT LP 10MSOP**AD7147ACPZ-500**

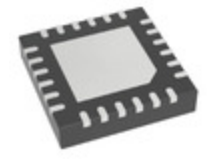
ADI (Analog Devices, Inc.)

AD7146-1ACBZ-RL7

ADI (Analog Devices, Inc.)

**AD7147AACBZ-RL**Analog Devices Inc.
IC CAP TO DGT 16BIT 250K 25WLCSP**AD7147ACPZ-1REEL**Analog Devices Inc.
IC CAP TO DGT 16BIT 250K 24LFCSP**AD7148ACPZ-1500RL7**Analog Devices Inc.
IC CAP-TO-DGTL CONV PROG 16LFCSP**AD7147ACPZ-1500RL7**Analog Devices Inc.
IC CAP TO DGT 16BIT 250K 24LFCSP**AD7147A-1ACBZ-RL**Analog Devices Inc.
IC CAP TO DGT 16BIT 250K 25WLCSP**AD7149-2ACBZ-RL**

ADI (Analog Devices, Inc.)

**AD7147PACPZ-1RL**Analog Devices Inc.
IC CAP TO DGT 16BIT 250K 24LFCSP

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.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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