

Image may be representation.  
See specifications for product details.



## ADA4940-1ACPZ-R7

Manufacturer Part Number	<b>ADA4940-1ACPZ-R7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADA4940-1ACPZ-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP DIFF 1 CIRCUIT 16LFCSP
Package	16-VFQFN Exposed Pad, CSP
Data sheet	<b>ADA4940-1,-2.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADA4940-1ACPZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADA4940-1ACPZ-R7 datasheet/specifications on AllelcoElec.com. Request a quote for ADA4940-1ACPZ-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADA4940-1ACPZ-R7 Tech Specifications  
ADA4940-1ACPZ-R7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Min)	3 V	Number of Circuits	1
Voltage - Supply Span (Max)	7 V	Mounting Type	Surface Mount
Voltage - Input Offset	60 µV	Current - Supply	1.25mA
Supplier Device Package	16-LFCSP-VQ (3x3)	Current - Output / Channel	46 mA
Slew Rate	95V/µs	Current - Input Bias	1.1 µA
Series	-	Base Product Number	ADA4940
Package / Case	16-VFQFN Exposed Pad, CSP	Amplifier Type	Differential
Package	Tape & Reel (TR)	-3db Bandwidth	260 MHz
Output Type	Differential		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADA4940-1ACPZ-R7

Product Attribute				
Part Number	ADA4940-1ACPZ-R7	<b>ADA4940-1ARZ-R7</b>	<b>ADA4940-1ARZ-RL</b>	<b>ADA4939-1YCPZ-R7</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	16-VFQFN Exposed Pad, CSP	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	16-VFQFN Exposed Pad, CSP
-3db Bandwidth	260 MHz	260 MHz	260 MHz	1.4 GHz
Output Type	Differential	Differential	Differential	Differential
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input Offset	60 µV	60 µV	60 µV	500 µV
Current - Supply	1.25mA	1.25mA	1.25mA	36.5mA
Amplifier Type	Differential	Differential	Differential	Differential
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C
Voltage - Supply Span (Min)	3 V	3 V	3 V	3 V
Current - Output / Channel	46 mA	46 mA	46 mA	100 mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply Span (Max)	7 V	6 V	6 V	5.25 V
Slew Rate	95V/µs	95V/µs	95V/µs	6800V/µs
Series	-	-	-	-
Current - Input Bias	1.1 µA	1.1 µA	1.1 µA	10 µA
Supplier Device Package	16-LFCSP-VQ (3x3)	8-SOIC	8-SOIC	16-LFCSP-VQ (3x3)
Base Product Number	ADA4940	ADA4940	ADA4940	ADA4939
Number of Circuits	1	1	1	1

### ADA4940-1ACPZ-R7 Datasheet PDF

Download ADA4940-1ACPZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADA4940-1ACPZ-R7 - Analog Devices Inc..

#### Datasheets

[ADA4940-1,-2.pdf](#)

#### Other Related Documents

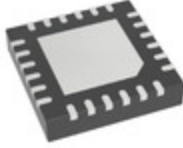

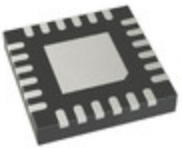





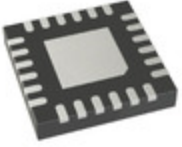


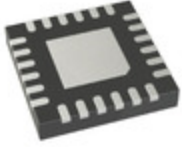


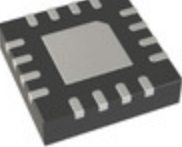

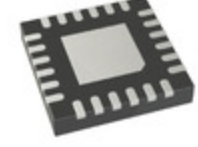

[Tape and Reel Packaging.pdf](#)

#### PCN Other

[Multiple Changes 13/Feb/2014.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>ADA4940-2ACPZ-R7</b> Analog Devices Inc. IC OPAMP DIFF 2 CIRCUIT 24LFCSP	<b>ADA4940-2ACPZ</b> ADI (Analog Devices, Inc.)	<b>ADA4939-2YCPZ-RL</b> Analog Devices Inc. IC OPAMP DIFF 2 CIRCUIT 24LFCSP	<b>ADA4938-1ACPZ-R7</b> Analog Devices Inc. IC ADC DRIVER 16LFCSP	<b>ADA4938-2ACPZ</b> ADI (Analog Devices, Inc.)	<b>ADA4940-1ARZ-R7</b> Analog Devices Inc. IC OPAMP DIFF 1 CIRCUIT 8SOIC
					
<b>ADA4940-1ARZ-RL</b> Analog Devices Inc. IC OPAMP DIFF 1 CIRCUIT 8SOIC	<b>ADA4939-1YCPZ-R7</b> Analog Devices Inc. IC OPAMP DIFF 1 CIRCUIT 16LFCSP	<b>ADA4937-2YCPZ-R7</b> Analog Devices Inc. IC ADC DRIVER 24LFCSP	<b>ADA4950-1YCPZ-R7</b> Analog Devices Inc. IC OPAMP DIFF 1 CIRCUIT 16LFCSP	<b>ADA4939-2YCPZ</b> ADI (Analog Devices, Inc.)	<b>ADA4938-2ACPZ-R2</b> Analog Devices Inc. IC ADC DRIVER 24LFCSP
					
<b>ADA4940-1ARZ</b> Analog Devices Inc. IC OPAMP DIFF 1 CIRCUIT 8SOIC	<b>ADA4938-1ACPZ</b> ADI (Analog Devices, Inc.)	<b>ADA4945-1ACPZ-R7</b> Analog Devices Inc. IC ADC DRIVER 16LFCSP	<b>ADA4941-1YCPZ-R7</b> Analog Devices Inc. IC ADC DRIVER 8LFCSP	<b>ADA4938-2ACPZ-R7</b> Analog Devices Inc. IC ADC DRIVER 24LFCSP	<b>ADA4941-1YRZ-R7</b> Analog Devices Inc. IC ADC DRIVER 8SOIC

## 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

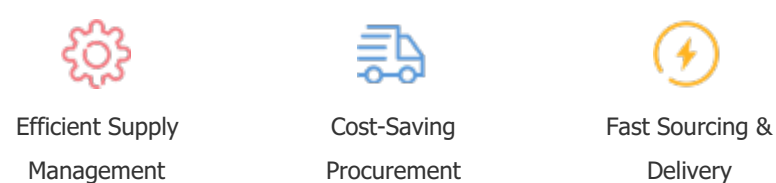
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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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