



Image may be representation.  
See specifications for product details.



## ADRF6612ACPZ-R7

Manufacturer Part Number	<a href="#">ADRF6612ACPZ-R7</a>
Manufacturer	<a href="#">Analog Devices, Inc.</a>
Allelco Part Number	32D-ADRF6612ACPZ-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MIXER 700-3000MHZ 48LFCSP
Package	48-WFQFN Exposed Pad, CSP
Data sheet	<a href="#">ADRF6612.pdf</a>

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ADRF6612ACPZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADRF6612ACPZ-R7 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADRF6612ACPZ-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADRF6612ACPZ-R7 Tech Specifications  
ADRF6612ACPZ-R7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Mixers	1
Voltage - Supply	3.5V ~ 5.25V	Noise Figure	10.7dB
Supplier Device Package	48-LFCSP (7x7)	Mounting Type	Surface Mount
Series	-	Gain	15dB
Secondary Attributes	-	Frequency	700MHz ~ 3GHz
RF Type	-	Current - Supply	260mA
Package / Case	48-WFQFN Exposed Pad, CSP	Base Product Number	ADRF6612
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADRF6612ACPZ-R7

Product Attribute				
Part Number	ADRF6612ACPZ-R7	<a href="#">ADRF6601ACPZ-R7</a>	<a href="#">ADRF6604ACPZ-R7</a>	<a href="#">ADRF6602ACPZ-R7</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	48-LFCSP (7x7)	40-LFCSP-VQ (6x6)	40-LFCSP-VQ (6x6)	40-LFCSP-VQ (6x6)
Number of Mixers	1	1	1	1
RF Type	-	Cellular	Cellular	Cellular
Noise Figure	10.7dB	14.8dB	16dB	15.8dB
Frequency	700MHz ~ 3GHz	300MHz ~ 2.5GHz	2.5GHz ~ 2.9GHz	1.55GHz ~ 2.15GHz
Current - Supply	260mA	-	280mA	277mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Gain	15dB	6.7dB	6.3dB	6.5dB
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	ADRF6612	ADRF6601	ADRF6604	ADRF6602
Secondary Attributes	-	Integrated PLL and VCO	Down Converter	Integrated PLL and VCO
Series	-	-	-	-
Voltage - Supply	3.5V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V
Package / Case	48-WFQFN Exposed Pad, CSP	40-VFQFN Exposed Pad, CSP	40-VFQFN Exposed Pad, CSP	40-VFQFN Exposed Pad, CSP

### ADRF6612ACPZ-R7 Datasheet PDF

Download ADRF6612ACPZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADRF6612ACPZ-R7 - Analog Devices Inc..

#### Datasheets

[ADRF6612.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

[A Selected History on Receiver Innovations over th.pdf](#)

#### PCN Obsolescence/ EOL

[Mult Dev EOL 20/Apr/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products



**ADRF6701ACPZ-R7**Analog Devices Inc.  
RF MODULATR 400MHZ-1.25GHZ  
40QFN**ADRF6602ACPZ**

ADI (Analog Devices, Inc.)

**ADRF6601ACPZ-R7**Analog Devices Inc.  
IC MIXER 300MHZ-2.5GHZ 40LFCSP**ADRF6612ACPZ**

ADI (Analog Devices, Inc.)

**ADRF6603-EVALZ**Analog Devices Inc.  
EVAL BOARD FOR ADRF6603**ADRF6701ACP**

ADI (Analog Devices, Inc.)

**ADRF6601ACPZ-R**

ADI (Analog Devices, Inc.)

**ADRF6602ACPZ-R7**Analog Devices Inc.  
IC MIXER 1.55-2.15GHZ 40LFCSP**ADRF6703ACPZ-R7**Analog Devices Inc.  
RF MODULATOR 1.55-2.65GHZ  
40QFN**ADRF6702ACPZ-R7**Analog Devices Inc.  
RF MODULATOR 1.2GHZ-2.4GHZ  
40QFN**ADRF6604ACPZ-R7**Analog Devices Inc.  
IC MIXER 2.5-2.9GHZ DWN 40LFCSP**ADRF6604ACPZ****ADRF6655ACPZ-R7**Analog Devices Inc.  
IC MIXER 100MHZ-2.5GHZ 40LFCSP**ADRF6603ACPZ**

ADI (Analog Devices, Inc.)

**ADRF6655ACPZ**

ADI (Analog Devices, Inc.)

**ADRF6650ACPZ**Analog Devices Inc.  
DUAL CONVERTER WITH  
INTEGRATED L**ADRF6703ACPZ**

ADI (Analog Devices, Inc.)

**ADRF6603ACPZ-R7**Analog Devices Inc.  
IC MIXER 2.1-2.6GHZ 40LFCSP

## 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  
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## Certifications & Memberships



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