

Image may be representation.
See specifications for product details.



ADL5542ACPZ-R7

Manufacturer Part Number	ADL5542ACPZ-R7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADL5542ACPZ-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC AMP CELL 20MHZ-6GHZ 8LFCSP
Package	8-WFDFN Exposed Pad, CSP
Data sheet	ADL5542.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADL5542ACPZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADL5542ACPZ-R7 datasheet/specifications on AllelcoElec.com.
Request a quote for ADL5542ACPZ-R7, please send us email: info@allelco.com

Specifications

ADL5542ACPZ-R7 Tech Specifications
ADL5542ACPZ-R7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	P1dB	6.8dBm
Voltage - Supply	4.5V ~ 5.5V	Noise Figure	5.7dB ~ 6.3dB
Test Frequency	5.8GHz	Mounting Type	Surface Mount
Supplier Device Package	8-LFCSP (3x3)	Gain	11.2dB ~ 14.4dB
Series	-	Frequency	20MHz ~ 6GHz
RF Type	Cellular, CATV	Current - Supply	93mA ~ 115mA
Package / Case	8-WFDFN Exposed Pad, CSP	Base Product Number	ADL5542
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADL5542ACPZ-R7

Product Attribute				
Part Number	ADL5542ACPZ-R7	ADL5534ACPZ-R7	ADL5531ACPZ-R7	ADL5541ACPZ-R7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Noise Figure	5.7dB ~ 6.3dB	3dB	3dB	6dB ~ 7dB
Test Frequency	5.8GHz	380MHz	380MHz	5.8GHz
Current - Supply	93mA ~ 115mA	98mA ~ 110mA	100mA ~ 110mA	90mA ~ 100mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-LFCSP (3x3)	16-LFCSP-WQ (5x5)	8-LFCSP-VD (3x3)	8-LFCSP (3x3)
Base Product Number	ADL5542	ADL5534	ADL5531	ADL5541
Frequency	20MHz ~ 6GHz	20MHz ~ 500MHz	20MHz ~ 500MHz	20MHz ~ 6GHz
Package / Case	8-WFDFN Exposed Pad, CSP	16-WQFN Exposed Pad, CSP	8-WFDFN Exposed Pad, CSP	8-WFDFN Exposed Pad, CSP
P1dB	6.8dBm	20.4dBm	20.4dBm	5.8dBm
Gain	11.2dB ~ 14.4dB	19dB ~ 20.5dB	19.2dB ~ 20.5dB	9.1dB ~ 13.5dB
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
RF Type	Cellular, CATV	General Purpose	W-CDMA, CDMA, GSM, UMTS	Cellular, CATV
Series	-	-	-	-
Voltage - Supply	4.5V ~ 5.5V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.5V ~ 5.5V

ADL5542ACPZ-R7 Datasheet PDF

Download ADL5542ACPZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADL5542ACPZ-R7 - Analog Devices Inc..

Datasheets

[ADL5542.pdf](#)

Other Related Documents

[Tape and Reel Packaging.pdf](#)

PCN Other

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

PCN Design/Specification

[ADL5541/ADL5542 Datasheet Update 06/Jan/2015.pdf](#)

Customers Also Interested in

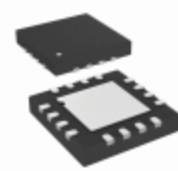
Recommended Products



ADL5552ACC
Analog Technologies



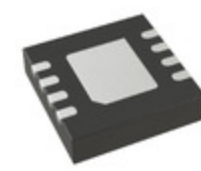
ADL5552ACC-REEL
ADI (Analog Devices, Inc.)



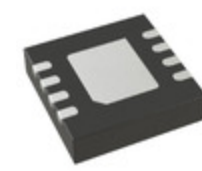
ADL5534ACPZ-R7
Analog Devices Inc.
IC AMP GPS 20MHZ-500MHZ
16LFCSP



ADL5536ARKZ
ADI (Analog Devices, Inc.)



ADL5531ACPZ-R7
Analog Devices Inc.
IC AMP W-CDMA 20-500MHZ 8LFCSP



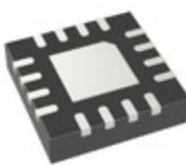
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Analog Devices Inc.
IC AMP CELL 20MHZ-6GHZ 8LFCSP



ADL5536ARKZ-R7
Analog Devices Inc.
IC RF AMP GPS 20MHZ-1GHZ SOT89-3



ADL5534ACPZ
ADI (Analog Devices, Inc.)



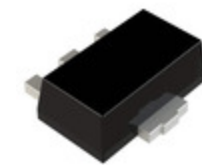
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Analog Devices Inc.
IC OPAMP RF/IF DIFF 1CIR 16LFCSP



ADL5544ARKZ
ADI (Analog Devices, Inc.)



ADL5544ARKZ-R
ADI (Analog Devices, Inc.)



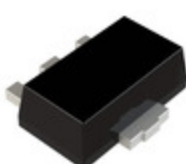
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Analog Devices Inc.
IC RF AMP GPS 20MHZ-1GHZ SOT89-3



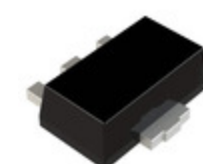
ADL5551ACC
ADI (Analog Devices, Inc.)



ADL5531ACPZ
ADI (Analog Devices, Inc.)



ADL5544ARKZ-R7
Analog Devices Inc.
IC RF AMP GPS 30MHZ-6GHZ SOT89-3



ADL5545ARKZ-R7
Analog Devices Inc.
IC RF AMP GPS 30MHZ-6GHZ SOT89-3



ADL5535ARKZ
ADI (Analog Devices, Inc.)



ADL5541ACPZ
ADI (Analog Devices, Inc.)

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

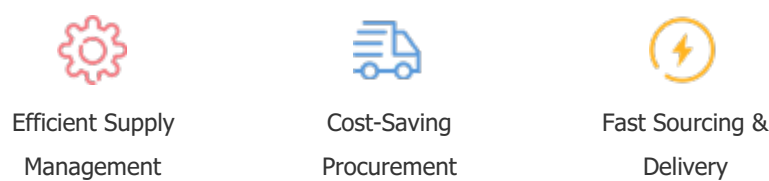
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

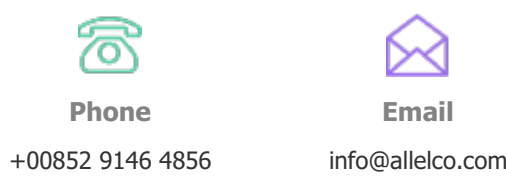
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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