

Image may be representation.  
See specifications for product details.



## ADRF5040BCPZ-R7

Manufacturer Part Number	<b>ADRF5040BCPZ-R7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADRF5040BCPZ-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC RF SWITCH SP4T 12GHZ 24LFCSP
Package	24-VFQFN Exposed Pad
Data sheet	<b>ADRF5040.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADRF5040BCPZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADRF5040BCPZ-R7 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADRF5040BCPZ-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADRF5040BCPZ-R7 Tech Specifications  
ADRF5040BCPZ-R7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply	3.3V	Mounting Type	Surface Mount
Topology	Absorptive	Isolation	34dB
Test Frequency	8GHz	Insertion Loss	0.8dB
Supplier Device Package	24-LFCSP (4x4)	Impedance	50Ohm
Series	-	IIP3	53dBm
RF Type	VSAT	Frequency Range	9kHz ~ 12GHz
Package / Case	24-VFQFN Exposed Pad	Features	-
Package	Tape & Reel (TR)	Circuit	SP4T
P1dB	37dBm	Base Product Number	ADRF5040

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADRF5040BCPZ-R7

Product Attribute				
Part Number	ADRF5040BCPZ-R7	ADRF5044BCCZ-N-R7	ADRF5026BCCZ-N-R7	ADRF5040BCPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
IIP3	53dBm	50dBm	53dBm	53dBm
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C (TC)	-40°C ~ 105°C	-40°C ~ 85°C
Circuit	SP4T	SP4T	SPDT	SP4T
Frequency Range	9kHz ~ 12GHz	100MHz ~ 30GHz	100MHz ~ 44GHz	9kHz ~ 12GHz
Package / Case	24-VFQFN Exposed Pad	24-VFLGA Exposed Pad	20-WFLGA Exposed Pad	24-VFQFN Exposed Pad
Voltage - Supply	3.3V	3.3V	3.15V ~ 3.45V	3.3V
RF Type	VSAT	General Purpose	VSAT	VSAT
Series	-	-	-	-
Supplier Device Package	24-LFCSP (4x4)	24-LGA (4x4)	20-LGA (3x3)	24-LFCSP (4x4)
Features	-	-	-	-
Isolation	34dB	43dB	45dB	34dB
Impedance	50Ohm	50Ohm	50Ohm	50Ohm
Base Product Number	ADRF5040	ADRF5044	ADRF5026	ADRF5040
P1dB	37dBm	28dBm	27dBm	37dBm
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Strip
Topology	Absorptive	-	Absorptive	Absorptive
Test Frequency	8GHz	30GHz	44GHz	8GHz
Insertion Loss	0.8dB	2.6dB	3.8dB	0.8dB

### ADRF5040BCPZ-R7 Datasheet PDF

Download ADRF5040BCPZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADRF5040BCPZ-R7 - Analog Devices Inc..

#### Datasheets

[ADRF5040.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

#### PCN Assembly/Origin



HMCx A/T Rev 29/Mar/2023.pdf

## PCN Design/Specification



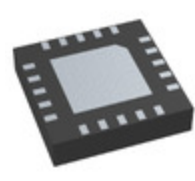
ADRF5040BCPZ 20/Sep/2017.pdf

## Customers Also Interested in

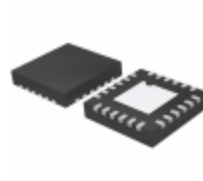
### Recommended Products



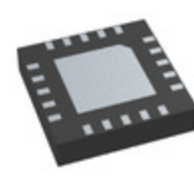
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Analog Devices Inc.  
IC RF SWITCH SP4T 30GHZ 24LGA



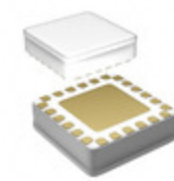
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Analog Devices Inc.  
IC RF SWITCH SPDT 20LGA



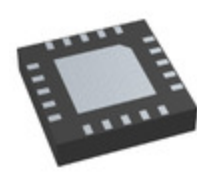
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Analog Devices Inc.  
IC RF SWITCH SP4T 12GHZ 24LFCSP



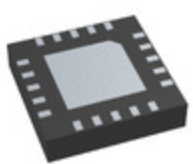
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Analog Devices Inc.  
LOW-LOSS  
REFLECTIVE,SP4T,40GHZ,F



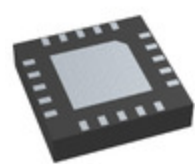
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IC RF SWITCH SP4T 30GHZ 24LGA



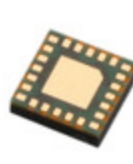
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IC RF SWITCH SPDT 20LGA



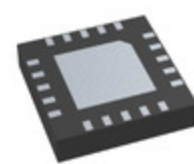
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Analog Devices Inc.  
LOW-LOSS REFLECTIVE, SP4T,  
40GHZ



**ADRF5020BCCZN-R7**  
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IC RF SWITCH SPDT 30GHZ 20LGA



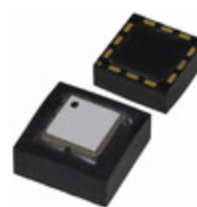
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LOW INSERTION LOSS, SP4T,  
40GHZ,



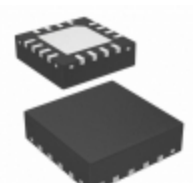
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IC RF SWITCH SPDT 30GHZ 20LGA



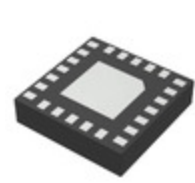
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IC RF SWITCH SPDT 40GHZ 12LGA



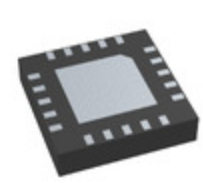
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Analog Devices Inc.  
IC RF SWITCH SPDT 40GHZ 12LGA



**ADRF5132BCPZN**  
Analog Devices Inc.  
IC RF SWITCH SPDT 16LFCSP-WQ



**ADRF5043BCCZN**  
Analog Devices Inc.  
LOW INSERTION LOSS, SP4T,  
40GHZ,



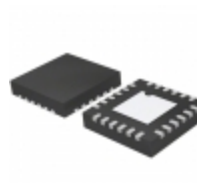
**ADRF5026BCCZN**  
Analog Devices Inc.  
IC RF SWITCH SPDT 20LGA



**ADRF5024SCCZ-EP**  
Analog Devices Inc.  
40GHZ, LOW LOSS, REFLECTIVE,  
FAS



**ADRF5045BCCZN**  
Analog Devices Inc.  
IC RF SWITCH SP4T 30GHZ 24LGA



**ADRF5130BCPZ**  
Analog Devices Inc.  
IC RF SWITCH SPDT 3.5GHZ 24CSP

## 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



View More

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