

Image may be representation.  
See specifications for product details.



## ADRF5042BCCZN

Manufacturer Part Number	<b>ADRF5042BCCZN</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADRF5042BCCZN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	LOW INSERTION LOSS, SP4T, 40GHZ,
Package	24-VFLGA Exposed Pad
Data sheet	<b>ADRF5042.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADRF5042BCCZN - Analog Devices Inc..New Original in Stock. Download Linear Technology ADRF5042BCCZN datasheet/specifications on AllelcoElec.com.  
Request a quote for ADRF5042BCCZN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADRF5042BCCZN Tech Specifications  
ADRF5042BCCZN - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 105°C (TC)
Voltage - Supply	3.15V ~ 3.45V	Mounting Type	Surface Mount
Topology	Absorptive	Isolation	35dB
Test Frequency	44GHz	Insertion Loss	3.2dB
Supplier Device Package	24-LGA (3x3)	Impedance	50Ohm
Series	-	IIP3	47dBm
RF Type	5G, Cellular, VSAT	Frequency Range	100MHz ~ 44GHz
Package / Case	24-VFLGA Exposed Pad	Features	-
Package	Tray	Circuit	SP4T
P1dB	27dBm	Base Product Number	ADRF5042

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADRF5042BCCZN

Product Attribute				
Part Number	ADRF5042BCCZN	ADRF5024SCCZ-EP	ADRF5027BCCZN	ADRF5021BCCZN
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	24-LGA (3x3)	12-LGA (2.25x2.25)	20-LGA (3x3)	20-LGA (3x3)
Base Product Number	ADRF5042	ADRF5024	ADRF5027	ADRF5021
Insertion Loss	3.2dB	2.1dB	3.8dB	2dB
Circuit	SP4T	SPDT	SPDT	SPDT
Features	-	-	-	-
P1dB	27dBm	27.5dBm	26dBm	28dBm
Frequency Range	100MHz ~ 44GHz	100MHz ~ 44GHz	9kHz ~ 44GHz	9kHz ~ 30GHz
IIP3	47dBm	50dBm	54dBm	52dBm
Voltage - Supply	3.15V ~ 3.45V	3.15V ~ 3.45V	3.15V ~ 3.45V	3.3V
Topology	Absorptive	Reflective	Absorptive	Absorptive
Operating Temperature	-40°C ~ 105°C (TC)	-55°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 85°C
Package	Tray	Strip	Bulk	Strip
Package / Case	24-VFLGA Exposed Pad	12-VFLGA	20-WFLGA Exposed Pad	20-WFLGA Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Impedance	50Ohm	50Ohm	50Ohm	50Ohm
Series	-	-	-	-
Isolation	35dB	35dB	43dB	60dB
RF Type	5G, Cellular, VSAT	Cellular, Radar, VSAT	VSAT	VSAT
Test Frequency	44GHz	44GHz	44GHz	30GHz

### ADRF5042BCCZN Datasheet PDF

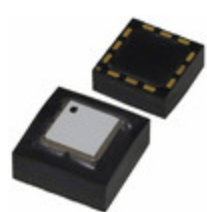
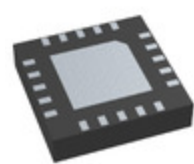
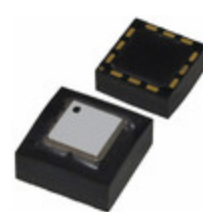
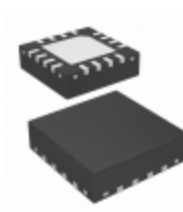
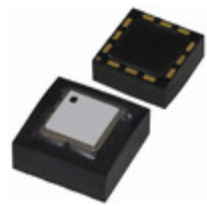
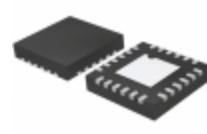
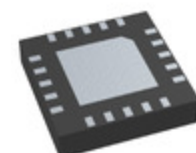
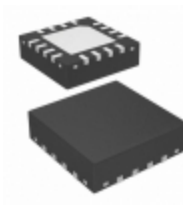
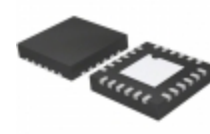
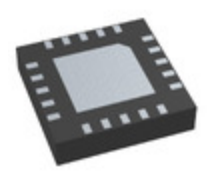
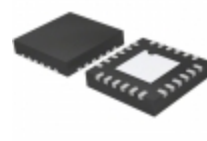
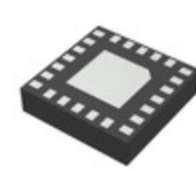
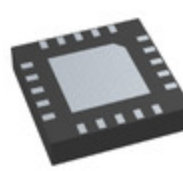
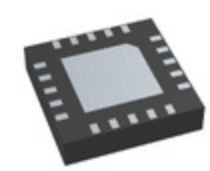
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#### Datasheets

ADRF5042.pdf

### Customers Also Interested in

#### Recommended Products

**ADRF5024SCCZ-EP**Analog Devices Inc.  
40GHZ, LOW LOSS, REFLECTIVE,  
FAS**ADRF5027BCCZN**Analog Devices Inc.  
IC RF SWITCH SPDT 20LGA**ADRF5021BCCZN**Analog Devices Inc.  
IC RF SWITCH SPDT 30GHZ 20LGA**ADRF5025BCCZN**Analog Devices Inc.  
IC RF SWITCH SPDT 40GHZ 12LGA**ADRF5132BCPZN**Analog Devices Inc.  
IC RF SWITCH SPDT 16LFCSP-WQ**ADRF5044BCCZN-R7**Analog Devices Inc.  
IC RF SWITCH SP4T 30GHZ 24LGA**ADRF5024BCCZN**Analog Devices Inc.  
IC RF SWITCH SPDT 40GHZ 12LGA**ADRF5040BCPZ-R7**Analog Devices Inc.  
IC RF SWITCH SP4T 12GHZ 24LFCSP**ADRF5045BCCZN**Analog Devices Inc.  
IC RF SWITCH SP4T 30GHZ 24LGA**ADRF5026BCCZN**Analog Devices Inc.  
IC RF SWITCH SPDT 20LGA**ADRF5132BCPZN-R7**Analog Devices Inc.  
IC RF SWITCH SPDT 16LFCSP-WQ**ADRF5130BCPZ**Analog Devices Inc.  
IC RF SWITCH SPDT 3.5GHZ 24CSP**ADRF5047BCCZN**Analog Devices Inc.  
LOW-LOSS REFLECTIVE, SP4T,  
40GHZ**ADRF5040BCPZ**Analog Devices Inc.  
IC RF SWITCH SP4T 12GHZ 24LFCSP**ADRF5044BCCZN**Analog Devices Inc.  
IC RF SWITCH SP4T 30GHZ 24LGA**ADRF5043BCCZN**Analog Devices Inc.  
LOW INSERTION LOSS, SP4T,  
40GHZ,**ADRF5026BCCZN-R7**Analog Devices Inc.  
IC RF SWITCH SPDT 20LGA**ADRF5046BCCZN**Analog Devices Inc.  
LOW-LOSS  
REFLECTIVE,SP4T,40GHZ,F

## 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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