

Image may be representation.  
See specifications for product details.



## ADF4153ABCPZ-RL7

Manufacturer Part Number	<b>ADF4153ABCPZ-RL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADF4153ABCPZ-RL7
ECAD Model	Request Free CAD Models
Parts Description	IC FRACT N SYNTH 20LFCSP
Package	20-WFQFN Exposed Pad, CSP
Data sheet	<b>ADF4153A.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADF4153ABCPZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADF4153ABCPZ-RL7 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADF4153ABCPZ-RL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADF4153ABCPZ-RL7 Tech Specifications  
ADF4153ABCPZ-RL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Output	Clock
Voltage - Supply	2.7V ~ 3.3V	Operating Temperature	-40°C ~ 85°C
Type	Fractional N Synthesizer (RF)	Number of Circuits	1
Supplier Device Package	20-LFCSP (4x4)	Mounting Type	Surface Mount
Series	-	Input	CMOS, TTL
Ratio - Input:Output	2:1	Frequency - Max	4GHz
Package / Case	20-WFQFN Exposed Pad, CSP	Divider/Multiplier	No/Yes
Package	Tape & Reel (TR)	Differential - Input:Output	Yes/No
PLL	Yes	Base Product Number	ADF4153

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADF4153ABCPZ-RL7

Product Attribute				
Part Number	ADF4153ABCPZ-RL7	ADF4118YRUZ	ADF4153ABCPZ	ADF4151BCPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	20-LFCSP (4x4)	16-TSSOP	20-LFCSP (4x4)	32-LFCSP-WQ (5x5)
Type	Fractional N Synthesizer (RF)	-	Fractional N Synthesizer (RF)	-
Base Product Number	ADF4153	-	ADF4153	ADF4151
Input	CMOS, TTL	CMOS, TTL	CMOS, TTL	CMOS, TTL
Differential - Input:Output	Yes/No	Yes/No	Yes/No	Yes/No
Divider/Multiplier	No/Yes	Yes/No	No/Yes	Yes/Yes
Frequency - Max	4GHz	3GHz	4GHz	3.5GHz
Number of Circuits	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Ratio - Input:Output	2:1	2:1	2:1	2:1
Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tape & Reel (TR)	Bulk	Tray	Tray
PLL	Yes	Yes	Yes	Yes
Series	-	ADF4118	-	-
Voltage - Supply	2.7V ~ 3.3V	2.7V ~ 5.5V	2.7V ~ 3.3V	3V ~ 3.6V
Package / Case	20-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)	20-WFQFN Exposed Pad, CSP	32-WFQFN Exposed Pad, CSP
Output	Clock	Clock	Clock	Clock

### ADF4153ABCPZ-RL7 Datasheet PDF

Download ADF4153ABCPZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADF4153ABCPZ-RL7 - Analog Devices Inc..

#### Datasheets

[ADF4153A.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

#### PCN Assembly/Origin

[Multiple Parts 05/Jul/2022.pdf](#)

### Customers Also Interested in

## Recommended Products



**ADF4151BCPZ-R7**  
ADI (Analog Devices, Inc.)



**ADF4118YRUZ**  
Analog Devices Inc.  
PLL FREQUENCY SYNTHESIZER,  
BICMO



**ADF4153ABCPZ**  
Analog Devices Inc.  
IC FRACT N SYNTH 20LFCSP



**ADF4151BCPZ**  
Analog Devices Inc.  
IC PLL FREQ SYNTHESIZER 32LFCSP

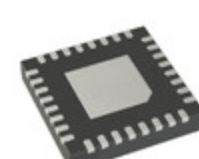


**ADF4153BRUZ**  
Analog Devices Inc.  
IC FRACT N SYNTH 16TSSOP

**ADF4153BRU**  
Analog Devices Inc.  
IC FRACT N SYNTH 16TSSOP



**ADF411BRUZ**  
ADI (Analog Devices, Inc.)



**ADF4153ACPZ**  
ADI (Analog Devices, Inc.)



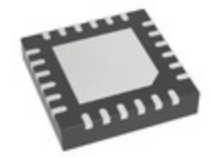
**ADF4153BCPZ-RL7**  
Analog Devices Inc.  
IC FRACT N SYNTH 20LFCSP

**ADF4150HVBCPZ**  
Analog Devices Inc.  
IC FRACTION-N FREQ SYNTH  
32LFCSP

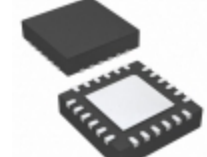
**ADF4153BRUZ-RL7**  
Analog Devices Inc.  
IC FRACT N SYNTH 16TSSOP



**ADF4152HVBCPZ**  
Analog Devices Inc.  
IC FRACTION-N FREQ SYNTH  
32LFCSP



**ADF4150BCPZ**  
Analog Devices Inc.  
IC PLL SYNTHESIZER 24-LFCSP



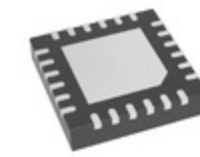
**ADF41513BCPZ**  
Analog Devices Inc.  
IC INTEGER-N/FRACTIONAL 24LFCSP



**ADF4153BCPZ**  
Analog Devices Inc.  
IC FRACT N SYNTH 20LFCSP



**ADF4153ABCPZ-U1**  
ADI (Analog Devices, Inc.)



**ADF4150BCPZ-RL7**  
Analog Devices Inc.  
IC PLL FREQ SYNTH 5.0GHZ 24LFCSP



**ADF4153WYRUZ**  
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

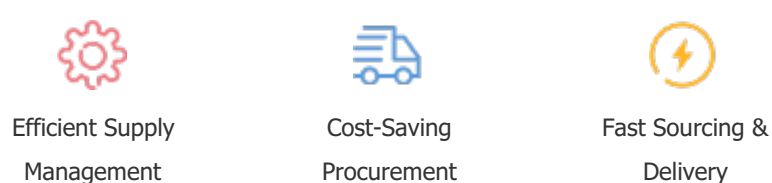
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

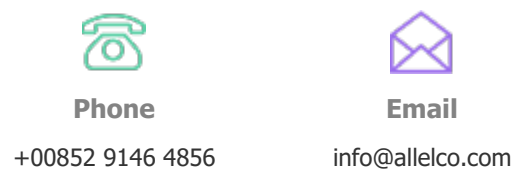
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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