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See specifications for product details.



## HMC1197LP7FETR

Manufacturer Part Number	<a href="#">HMC1197LP7FETR</a>
Manufacturer	<a href="#">Analog Devices, Inc.</a>
Allelco Part Number	32D-HMC1197LP7FETR
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	RF MODULATOR 100MHZ-4GHZ 48VFQFN
Package	48-VFQFN Exposed Pad
Data sheet	<a href="#">HMC1197.pdf</a>

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HMC1197LP7FETR - Analog Devices Inc..New Original in Stock. Download Linear Technology HMC1197LP7FETR datasheet/specifications on AllelcoElec.com.  
Request a quote for HMC1197LP7FETR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HMC1197LP7FETR Tech Specifications  
HMC1197LP7FETR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	P1dB	9.5dBm
Voltage - Supply	4.75V ~ 5.25V	Output Power	-3dBm
Test Frequency	4GHz	Noise Floor	-156.6dBm/Hz
Supplier Device Package	48-QFN (7x7)	Mounting Type	Surface Mount
Series	-	LO Frequency	50MHz ~ 4.1GHz
RF Frequency	100MHz ~ 4GHz	Function	-
Package / Case	48-VFQFN Exposed Pad	Current - Supply	320 mA
Package	Tape & Reel (TR)	Base Product Number	HMC1197

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. HMC1197LP7FETR

Product Attribute				
Part Number	HMC1197LP7FETR	<a href="#">HMC1197LP7FE</a>	<a href="#">HMC129G8</a>	<a href="#">HMC128G8</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply	4.75V ~ 5.25V	3.3V, 5V	-	-
Package / Case	48-VFQFN Exposed Pad	48-VFQFN Exposed Pad	8-SOIC (0.173', 4.40mm Width)	8-SOIC (0.173', 4.40mm Width)
Noise Floor	-156.6dBm/Hz	-160dBm/Hz	-	-
P1dB	9.5dBm	10.5dBm	-	-
Function	-	Modulator	-	-
Output Power	-3dBm	1.6dBm	-	-
Base Product Number	HMC1197	HMC1197	HMC129	HMC128
RF Frequency	100MHz ~ 4GHz	100MHz ~ 4GHz	-	-
Test Frequency	4GHz	1.7GHz ~ 2.2GHz	-	-
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	48-QFN (7x7)	48-QFN (7x7)	8-SMT	8-SMT
Current - Supply	320 mA	320 mA	-	-
Package	Tape & Reel (TR)	Strip	Strip	Strip
LO Frequency	50MHz ~ 4.1GHz	-	-	-

### HMC1197LP7FETR Datasheet PDF

Download HMC1197LP7FETR pdf datasheets and Analog Devices Inc. documentation for HMC1197LP7FETR - Analog Devices Inc..

#### Datasheets

[HMC1197.pdf](#)

#### PCN Other

[ADG, HMC 18-May-2022.pdf](#)

#### PCN Obsolescence/ EOL

[Mult Dev EOL 22/Mar/2022.pdf](#)

### Customers Also Interested in

#### Recommended Products



### HMC129G8

Analog Devices Inc.  
IC MMIC MIXER DBL-BAL CERMIC



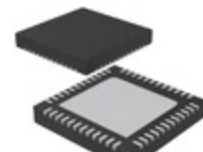
### HMC128G8

Analog Devices Inc.  
IC MMIC MIXER DBL-BAL 8SMD



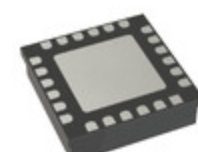
### HMC141

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IC MMIC MIXER DBL-BAL DIE  
1=2PCS



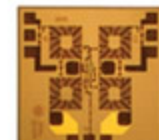
### HMC1197LP7FE

Analog Devices Inc.  
RF MODULATOR 100MHZ-4GHZ  
48VQFN



### HMC129LC4TR

Analog Devices Inc.  
IC MMIC MIXER DBL-BAL 24SMD



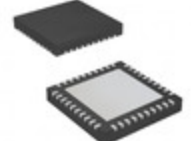
### HMC129

Analog Devices Inc.  
IC MMIC MIXER DBL-BAL DIE



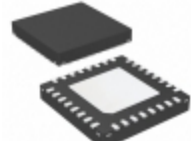
### HMC129G8TR

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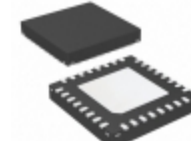
### HMC1190ALP6NE

Analog Devices Inc.  
IC DOWNCONVERTER 40-QFN



### HMC1164LP5E

Analog Devices Inc.  
VCO 5.42GHZ/10.84GHZ 2-13V  
5X5MM



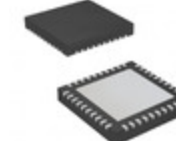
### HMC1168LP5E

Analog Devices Inc.  
VCO 6.5475/13.095GHZ 2-13V  
5X5MM



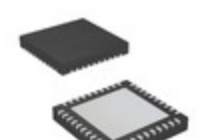
### HMC129ALC4

Analog Devices Inc.  
IC MMIC MIXER DBL-BAL 24SMD



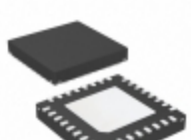
### HMC1190LP6GETR

Analog Devices Inc.  
IC DOWNCONVERTER SGL 40-QFN



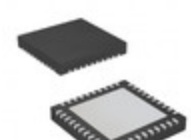
### HMC1190LP6GE

Analog Devices Inc.  
IC DOWNCONVERTER SGL 40-QFN



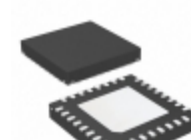
### HMC1169LP5E

Analog Devices Inc.  
VCO 6.7475/13.495GHZ 2-13V  
5X5MM



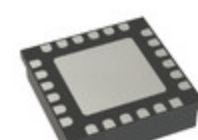
### HMC1190ALP6NETR

Analog Devices Inc.  
IC DOWNCONVERTER 40-QFN



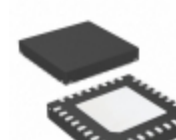
### HMC1167LP5E

Analog Devices Inc.  
VCO 6.375/12.75GHZ 2-13V 5X5MM



### HMC129LC4

Analog Devices Inc.  
IC MMIC MIXER DBL-BAL 24SMD



### HMC1166LP5E

Analog Devices Inc.  
VCO 6.0075GHZ/12.015GHZ 2-13V

## 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.

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## Certifications & Memberships



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