

Image may be representation.  
See specifications for product details.



## HMC565LC5TR

Manufacturer Part Number	<a href="#">HMC565LC5TR</a>
Manufacturer	<a href="#">Analog Devices, Inc.</a>
Allelco Part Number	32D-HMC565LC5TR
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC RF AMP VSAT 6GHZ-20GHZ 32QFN
Package	32-TFQFN Exposed Pad
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

HMC565LC5TR - Analog Devices Inc..New Original in Stock. Download Linear Technology HMC565LC5TR datasheet/specifications on AllelcoElec.com.  
Request a quote for HMC565LC5TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HMC565LC5TR Tech Specifications

HMC565LC5TR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	P1dB	11dBm
Voltage - Supply	3V	Noise Figure	2.5dB
Test Frequency	12GHz ~ 20GHz	Mounting Type	Surface Mount
Supplier Device Package	32-QFN (5x5)	Gain	18.5dB
Series	-	Frequency	6GHz ~ 20GHz
RF Type	VSAT, DBS	Current - Supply	53mA
Package / Case	32-TFQFN Exposed Pad	Base Product Number	HMC565
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. HMC565LC5TR

Product Attribute				
Part Number	HMC565LC5TR	<a href="#">HMC566LP4ETR</a>	<a href="#">HMC564</a>	<a href="#">HMC564LC4</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	32-QFN (5x5)	24-QFN (4x4)	Die	24-QFN (4x4)
Current - Supply	53mA	82mA	51mA	75mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Strip
Test Frequency	12GHz ~ 20GHz	-	7GHz ~ 13.5GHz	-
Package / Case	32-TFQFN Exposed Pad	24-VFQFN Exposed Pad	Die	24-TFQFN Exposed Pad
Voltage - Supply	3V	3V	3V	2.5V ~ 3.5V
RF Type	VSAT, DBS	VSAT	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	HMC565	HMC566	HMC564	HMC564
Noise Figure	2.5dB	3.3dB	1.8dB	1.8dB
P1dB	11dBm	12dBm	12dBm	13dBm
Series	-	-	-	-
Frequency	6GHz ~ 20GHz	28GHz ~ 36GHz	7GHz ~ 13.5GHz	7GHz ~ 14GHz
Gain	18.5dB	22.5dB	17dB	17dB

### HMC565LC5TR Datasheet PDF

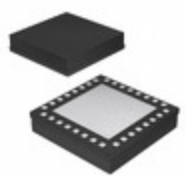
Download HMC565LC5TR pdf datasheets and Analog Devices Inc. documentation for HMC565LC5TR - Analog Devices Inc..

#### Datasheets

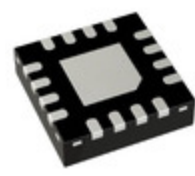
[Cylindrical Battery Holders.pdf](#)

### Customers Also Interested in

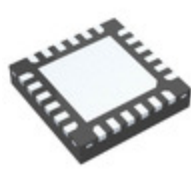
#### Recommended Products



**HMC571LC5TR**  
Analog Devices Inc.  
IC IQ RECEIVER 32SMD



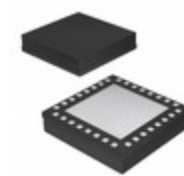
**HMC561LP3ETR**  
Analog Devices Inc.  
IC MULTIPLIER X2 BB FREQ 16-QFN



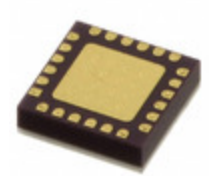
**HMC566LP4ETR**  
Analog Devices Inc.  
IC RF AMP VSAT 28GHZ-36GHZ 24QFN



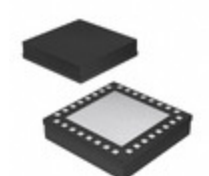
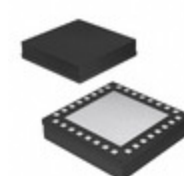
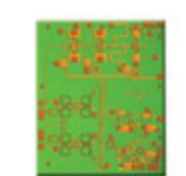
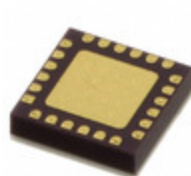
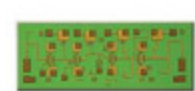
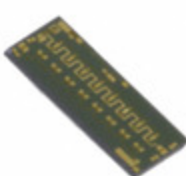
**HMC564**  
Analog Devices Inc.  
IC RF AMP GPS 7GHZ-13.5GHZ DIE

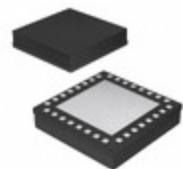
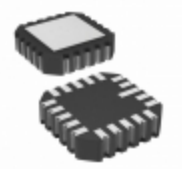
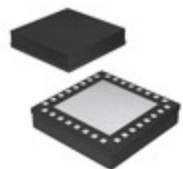


**HMC570LC5**  
Analog Devices Inc.  
IC IQ RECEIVER 32SMD

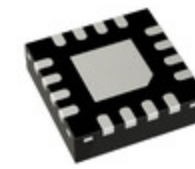


**HMC564LC4**  
Analog Devices Inc.  
IC RF AMP GPS 7GHZ-14GHZ 24QFN



**HMC562**Analog Devices Inc.  
IC RF AMP GPS 2GHZ-35GHZ DIE**HMC567LC5**Analog Devices Inc.  
RF DEMOD IC 7GHZ-9GHZ 32SMT**HMC566**Analog Devices Inc.  
IC RF AMP VSAT 29GHZ-36GHZ DIE**HMC5622LS7**Analog Devices Inc.  
IC RF AMP 27.3-33.5GHZ 20CLCC**HMC564LC4TR**Analog Devices Inc.  
IC RF AMP GPS 7GHZ-14GHZ 24QFN**HMC570LC5TR**Analog Devices Inc.  
IC IQ RECEIVER 32SMD**HMC570**Analog Devices Inc.  
IC IQ RECEIVER DIE**HMC5622LS7TR**

Hittite (Analog Devices)

**HMC571LC5**Analog Devices Inc.  
IC IQ RECEIVER 32SMD**HMC565**Analog Devices Inc.  
IC RF AMP VSAT 6GHZ-20GHZ DIE**HMC565LC5**Analog Devices Inc.  
IC RF AMP VSAT 6GHZ-20GHZ 32QFN**HMC561LP3E**Analog Devices Inc.  
IC MULTIPLIER X2 BB FREQ 16-QFN**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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