

Image may be representation.  
See specifications for product details.



## HMC6981LS6

Manufacturer Part Number	<b>HMC6981LS6</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-HMC6981LS6
ECAD Model	Request Free CAD Models
Parts Description	IC RF AMP GPS 15GHZ-20GHZ 16CSMT
Package	16-LCQFN Exposed Pad
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

HMC6981LS6 - Analog Devices Inc..New Original in Stock. Download Linear Technology HMC6981LS6 datasheet/specifications on AllelcoElec.com.  
Request a quote for HMC6981LS6, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HMC6981LS6 Tech Specifications  
HMC6981LS6 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	P1dB	33.5dBm
Voltage - Supply	6V	Noise Figure	-
Test Frequency	17GHz ~ 20GHz	Mounting Type	Surface Mount
Supplier Device Package	16-CSMT (6x6)	Gain	26dB
Series	-	Frequency	15GHz ~ 20GHz
RF Type	General Purpose	Current - Supply	1.1A
Package / Case	16-LCQFN Exposed Pad	Base Product Number	HMC6981
Package	Strip		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. HMC6981LS6

Product Attribute				
Part Number	HMC6981LS6	HMC694LP4ETR	HMC694	HMC697LP4ETR
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	16-LCQFN Exposed Pad	24-VFQFN Exposed Pad	Die	24-VFQFN Exposed Pad
Gain	26dB	-	22dB	-
Current - Supply	1.1A	120mA	175mA	168 mA
Package	Strip	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Base Product Number	HMC6981	HMC694	HMC694	HMC697
Frequency	15GHz ~ 20GHz	1.7GHz ~ 2.2GHz	6GHz ~ 17GHz	-
Series	-	-	-	-
Supplier Device Package	16-CSMT (6x6)	24-QFN (4x4)	Die	24-QFN (4x4)
Noise Figure	-	8dB	6dB	-
RF Type	General Purpose	LTE, WiMax	General Purpose	-
Test Frequency	17GHz ~ 20GHz	1.7GHz ~ 2.2GHz	-	-
P1dB	33.5dBm	23dBm	22dBm	8dBm
Voltage - Supply	6V	5V	5V	4.5V ~ 5.5V

### HMC6981LS6 Datasheet PDF

Download HMC6981LS6 pdf datasheets and Analog Devices Inc. documentation for HMC6981LS6 - Analog Devices Inc..

#### Datasheets

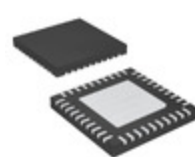
Cylindrical Battery Holders.pdf

### Customers Also Interested in

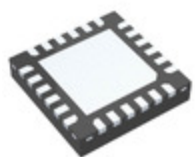
#### Recommended Products



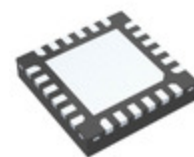
**HMC697LP4ETR**  
Analog Devices Inc.  
RF MODULATOR 200MHZ-4GHZ  
24VFQFN



**HMC702LP6CETR**  
Analog Devices Inc.  
IC SYNTHESIZER W/SWEEPER 40-  
QFN



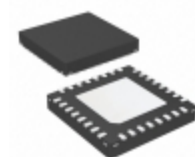
**HMC696LP4ETR**  
Analog Devices Inc.  
RF MODULATOR 20MHZ-2.7GHZ  
24QFN



**HMC700LP4ETR**  
Analog Devices Inc.  
IC INTEGER-N/FRACTIONAL 24QFN

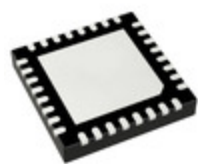
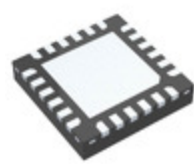
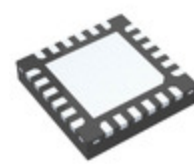
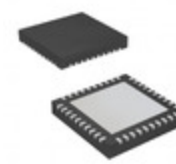
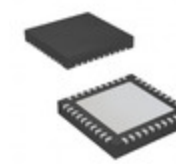


**HMC698LP5ETR**  
Analog Devices Inc.  
IC SYNTHESIZER 7GHZ INT-N 32-  
QFN



**HMC699LP5ETR**  
Hittite  
7 GHZ INTEGER-N SYNTHESIZER  
SMT



**HMC695LP4E**Analog Devices Inc.  
IC MULTIPLIER ACTIVE X4 24-QFN**HMC699LP5ETR**Analog Devices Inc.  
IC SYNTHESIZER 7GHZ INT-N 32-QFN**HMC694LP4ETR**Analog Devices Inc.  
IC AMP LTE 1.7GHZ-2.2GHZ 24QFN**HMC694**Analog Devices Inc.  
IC RF AMP GPS 6GHZ-17GHZ DIE**HMC699LP5E**Analog Devices Inc.  
IC SYNTHESIZER 7GHZ INT-N 32-QFN**HMC696LP4E**Analog Devices Inc.  
RF MODULATOR 20MHZ-2.7GHZ 24QFN**HMC697LP4E**Analog Devices Inc.  
RF MODULATOR 200MHZ-4GHZ 24VQFN**HMC688LP4ETR**Analog Devices Inc.  
IC MMIC MIXER BICMOS 24-QFN**HMC695LP4ETR**Analog Devices Inc.  
IC MULTIPLIER ACTIVE X4 24-QFN**HMC702LP6CE**Analog Devices Inc.  
IC SYNTHESIZER W/SWEEPER 40-QFN**HMC698LP5E**Analog Devices Inc.  
IC SYNTHESIZER 7GHZ INT-N 32-QFN**HMC701LP6CE**Analog Devices Inc.  
IC INTEGER-N/FRACTIONAL 40QFN**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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Email

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**Certifications & Memberships**

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