

Image may be representation.  
See specifications for product details.



## HMC1162LP5E

Manufacturer Part Number	<b>HMC1162LP5E</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-HMC1162LP5E
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	VCO 4.8375/9.675GHZ 2-13V 5X5MM
Package	32-VFQFN Exposed Pad, CSP
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

HMC1162LP5E - Analog Devices Inc..New Original in Stock. Download Linear Technology HMC1162LP5E datasheet/specifications on AllelcoElec.com.  
Request a quote for HMC1162LP5E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HMC1162LP5E Tech Specifications  
HMC1162LP5E - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Bulk
Voltage - Supply	5V	Operating Temperature	-40°C ~ 85°C
Tuning Voltage (VDC)	2 V ~ 13 V	Icc Max	310mA
Size / Dimension	0.197" L x 0.197" W (5.00mm x 5.00mm)	Height	0.039" (1.00mm)
Series	-	Frequency Range	4.625 ~ 5.050GHz, 9.25 ~ 10.10GHz
Pushing (MHz/V)	6	Frequency - Center	4.8375GHz, 9.675GHz
Power (dBm)	7.5±4.5, 11±4	Base Product Number	HMC1162
Phase Noise Typ (dBc/Hz)	-110	2nd Harmonic, Typ (dBc)	14
Package / Case	32-VFQFN Exposed Pad, CSP		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. HMC1162LP5E

Product Attribute				
Part Number	HMC1162LP5E	HMC1168LP5E	HMC1169LP5E	HMC1164LP5E
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	-	HMC1168	HMC1169	-
2nd Harmonic, Typ (dBc)	14	17	22	20
Tuning Voltage (VDC)	2 V ~ 13 V	2 V ~ 13 V	2 V ~ 13 V	2 V ~ 13 V
Frequency Range	4.625 ~ 5.050GHz, 9.25 ~ 10.10GHz	6.235 ~ 6.86GHz, 12.47 ~ 13.72GHz	6.46 ~ 7.035GHz, 12.92 ~ 14.07GHz	5.19 ~ 5.65GHz, 10.38 ~ 11.30GHz
Frequency - Center	4.8375GHz, 9.675GHz	6.5475GHz, 13.095GHz	6.7475GHz, 13.495GHz	5.42GHz, 10.84GHz
Pushing (MHz/V)	6	2	2	8
Phase Noise Typ (dBc/Hz)	-110	-85	-86	-110
Height	0.039" (1.00mm)	0.039" (1.00mm)	0.039" (1.00mm)	0.039" (1.00mm)
Size / Dimension	0.197" L x 0.197" W (5.00mm x 5.00mm)	0.197" L x 0.197" W (5.00mm x 5.00mm)	0.197" L x 0.197" W (5.00mm x 5.00mm)	0.197" L x 0.197" W (5.00mm x 5.00mm)
Package	Bulk	Strip	Strip	Strip
Voltage - Supply	5V	5V	5V	5V
Icc Max	310mA	240mA	260mA	290mA
Base Product Number	HMC1162	HMC1168	HMC1169	HMC1164
Package / Case	32-VFQFN Exposed Pad, CSP	32-VFQFN Exposed Pad, CSP	32-VFQFN Exposed Pad, CSP	32-VFQFN Exposed Pad, CSP
Power (dBm)	7.5±4.5, 11±4	2.5 ±3.5, 10.5±3.5	3 ±4, 11 ±4	8±4
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

### HMC1162LP5E Datasheet PDF

Download HMC1162LP5E pdf datasheets and Analog Devices Inc. documentation for HMC1162LP5E - Analog Devices Inc..

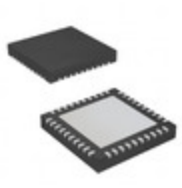
#### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Customers Also Interested in

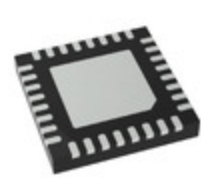
#### Recommended Products

<b>HMC1122LP4ME</b> Analog Devices Inc. RF ATTENUATOR 31.5DB 500HM 24QFN	<b>HMC1190LP6GE</b> Analog Devices Inc. IC DOWNCONVERTER SGL 40-QFN	<b>HMC1190LP6GETR</b> Analog Devices Inc. IC DOWNCONVERTER SGL 40-QFN	<b>HMC1168LP5E</b> Analog Devices Inc. VCO 6.5475/13.095GHZ 2-13V 5X5MM	<b>HMC1131LC4TR</b> Analog Devices Inc. IC RF AMP VSAT 24GHZ-35GHZ 24QFN	<b>HMC1169LP5E</b> Analog Devices Inc. VCO 6.7475/13.495GHZ 2-13V 5X5MM



### HMC1190ALP6NE

Analog Devices Inc.  
IC DOWNCONVERTER 40-QFN



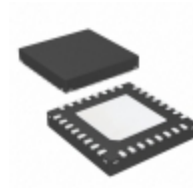
### HMC1132PM5ETR

Analog Devices Inc.  
IC RF AMP 32LFCSP



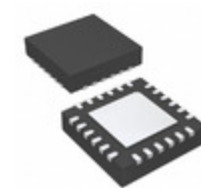
### HMC1144

Analog Devices Inc.  
IC RF AMP VSAT 40GHZ-70GHZ DIE



### HMC1164LP5E

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



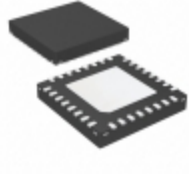
### HMC1122LP4METR

Analog Devices Inc.  
RF ATTENUATOR 31.5DB 50OHM  
24QFN



### HMC1127

Analog Devices Inc.  
IC RF AMP VSAT 2GHZ-50GHZ DIE



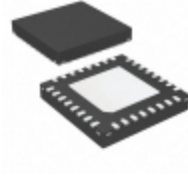
### HMC1167LP5E

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



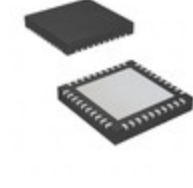
### HMC1131LC4

Analog Devices Inc.  
IC RF AMP VSAT 24GHZ-35GHZ  
24QFN



### HMC1166LP5E

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



### HMC1190ALP6NETR

Analog Devices Inc.  
IC DOWNCONVERTER 40-QFN



### HMC1126

Analog Devices Inc.  
IC RF AMP VSAT 2GHZ-50GHZ DIE



### HMC1133LP5E

Analog Devices Inc.  
4.8-6.2 GHZ, 6-BIT DIGITAL PHASE

## 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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