

Image may be representation.
See specifications for product details.



HMC510LP5ETR

Manufacturer Part Number	HMC510LP5ETR
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-HMC510LP5ETR
ECAD Model	Request Free CAD Models
Parts Description	VCO 4.5GHZ/9GHZ 2-13V 5X5MM
Package	32-VFQFN Exposed Pad
Data sheet	HMC510LP5.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

HMC510LP5ETR - Analog Devices Inc..New Original in Stock. Download Linear Technology HMC510LP5ETR datasheet/specifications on AllelcoElec.com.
Request a quote for HMC510LP5ETR, please send us email: info@allelco.com

Specifications

HMC510LP5ETR Tech Specifications

HMC510LP5ETR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tape & Reel (TR)
Voltage - Supply	5V	Operating Temperature	-40°C ~ 85°C
Tuning Voltage (VDC)	2 V ~ 13 V	Icc Max	360mA
Size / Dimension	0.197" L x 0.197" W (5.00mm x 5.00mm)	Height	0.039" (1.00mm)
Series	-	Frequency Range	4.225 ~ 4.775GHz, 8.45 ~ 9.55GHz
Pushing (MHz/V)	20	Frequency - Center	4.5GHz, 9GHz
Power (dBm)	-6±2, 11±3, 12.5±2.5	Base Product Number	HMC510
Phase Noise Typ (dBc/Hz)	-116	2nd Harmonic, Typ (dBc)	15
Package / Case	32-VFQFN Exposed Pad		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. HMC510LP5ETR

Product Attribute				
Part Number	HMC510LP5ETR	HMC508LP5ETR	HMC511LP5ETR	HMC511LP5
Manufacturer	Analog Devices Inc.	Hittite	Analog Devices Inc.	Analog Devices Inc.
Package / Case	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad, CSP	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad
Power (dBm)	-6±2, 11±3, 12.5±2.5	14.5±2.5, 7±3	8±3, 12.5±3.5	8±3, 12.5±3.5
Series	-	HMC508	-	-
Height	0.039" (1.00mm)	0.039" (1.00mm)	0.039" (1.00mm)	0.039" (1.00mm)
Base Product Number	HMC510	-	HMC511	HMC511
Frequency - Center	4.5GHz, 9GHz	3.875GHz, 7.75GHz	4.8GHz, 9.6GHz	4.8GHz, 9.6GHz
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Strip
Icc Max	360mA	280mA	300mA	300mA
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)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Tuning Voltage (VDC)	2 V ~ 13 V	2 V ~ 13 V	2 V ~ 13 V	2 V ~ 13 V
Frequency Range	4.225 ~ 4.775GHz, 8.45 ~ 9.55GHz	3.65 ~ 4.1GHz, 7.3 ~ 8.2GHz	4.525 ~ 5.075GHz, 9.05 ~ 10.15GHz	4.525 ~ 5.075GHz, 9.05 ~ 10.15GHz
Voltage - Supply	5V	5V	5V	5V
Pushing (MHz/V)	20	10	15	15
Phase Noise Typ (dBc/Hz)	-116	-116	-115	-115
2nd Harmonic, Typ (dBc)	15	20	15	15

HMC510LP5ETR Datasheet PDF

Download HMC510LP5ETR pdf datasheets and Analog Devices Inc. documentation for HMC510LP5ETR - Analog Devices Inc..

Datasheets

HMC510LP5.pdf

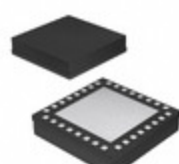
Customers Also Interested in

Recommended Products



HMC507LP5ETR

Analog Devices Inc.
IC AMP VSAT 6.65-7.65GHZ 32QFN



HMC508LP5ETR

Hittite
VOLTAGE CONTROLLED OSCILLATOR, 7



HMC511LP5ETR

Analog Devices Inc.
VCO 4.8GHZ/9.6GHZ 2-13V 5X5MM



HMC515LP5E

Analog Devices Inc.
IC MMIC AMP VCO HBT 2OUT 32-QFN



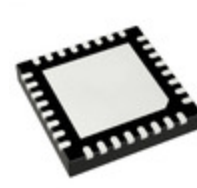
HMC507LP5E

Analog Devices Inc.
IC AMP VSAT 6.65-7.65GHZ 32QFN



HMC511LP5

Analog Devices Inc.
VCO 4.8GHZ/9.6GHZ 2-13V 5X5MM

**HMC511LP5E**Analog Devices Inc.
VCO 4.8GHZ/9.6GHZ 2-13V 5X5MM**HMC512LP5ETR**Analog Devices Inc.
VCO 5.1GHZ/10.2GHZ 2-13V 5X5MM**HMC512LP5E**Analog Devices Inc.
VCO 5.1GHZ/10.2GHZ 2-13V 5X5MM**HMC509LP5ETR**Analog Devices Inc.
VCO 4.15GHZ/8.3GHZ 2-13V 5X5MM**HMC510LP5E**Analog Devices Inc.
VCO 4.5GHZ/9GHZ 2-13V 5X5MM**HMC514LP5E**Analog Devices Inc.
VCO 5.7975/11.595GHZ 2-13V 5X5MM**HMC514LP5ETR**Analog Devices Inc.
VCO 5.7975/11.595GHZ 2-13V 5X5MM**HMC506LP4ETR**Analog Devices Inc.
IC AMP VSAT 7.8GHZ-8.7GHZ 24QFN**HMC509LP5E**Analog Devices Inc.
VCO 4.15GHZ/8.3GHZ 2-13V 5X5MM**HMC513LP5E**Analog Devices Inc.
VCO 5.4725/10.945GHZ 2-13V 5X5MM**HMC508LP5E**Analog Devices Inc.
VCO 3.875GHZ/7.75GHZ 2-13V 5X5MM**HMC513LP5ETR**Analog Devices Inc.
VCO 5.4725/10.945GHZ 2-13V 5X5MM

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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