

# **HMC509LP5ETR**

# **HMC509LP5ETR Information**



For Reference Only

Part Number HMC509LP5ETR

Manufacturer Analog Devices Inc.

Category Crystals, Oscillators, Resonators VCOs (Voltage Controlled Oscillators)

DescriptionVCO 4.15GHZ, 8.3GHZPackage32-VFQFN Exposed Pad, CSP

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **HMC509LP5ETR Specifications**

Manufacturer Part Number	HMC509LP5ETR
Manufacturer	Analog Devices Inc.
Category	Crystals, Oscillators, Resonators
	VCOs (Voltage Controlled Oscillators)
Package	32-VFQFN Exposed Pad, CSP
Series	-
Frequency Range	3.9 ~ 4.4GHz, 7.8 ~ 8.8GHz
Frequency - Center	4.15GHz, 8.3GHz
Voltage - Supply	5V
Tuning Voltage (VDC)	2V ~ 13V
2nd Harmonic, Typ (dBc)	10
Icc Max	270mA
Pushing (MHz/V)	10
Power (dBm)	7.5±2.5, 12.5±2.5
Phase Noise Typ (dBc/Hz)	-115
Operating Temperature	-40°C ~ 85°C
Package / Case	32-VFQFN Exposed Pad, CSP
Size / Dimension	0.197" L x 0.197" W (5.00mm x 5.00mm)
Height	0.039" (1.00mm)
	Report errors?

#### **HMC509LP5ETR Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **HMC509LP5ETR Payment Methods**



















# **HMC509LP5ETR Shipping Methods**













If you have any question about HMC509LP5ETR, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com