

HMC509LP5E Information



For Reference Only

Part Number [HMC509LP5E](#)
Manufacturer Analog Devices Inc.
Category Crystals, Oscillators, Resonators
[VCOs \(Voltage Controlled Oscillators\)](#)
Description VCO 4.15GHZ, 8.3GHZ
Package 32-VFQFN Exposed Pad, CSP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.



HMC509LP5E Specifications

Manufacturer Part Number	HMC509LP5E
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)

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HMC509LP5E 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.

HMC509LP5E Payment Methods



HMC509LP5E Shipping Methods



If you have any question about HMC509LP5E, please do not hesitate to contact us!

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