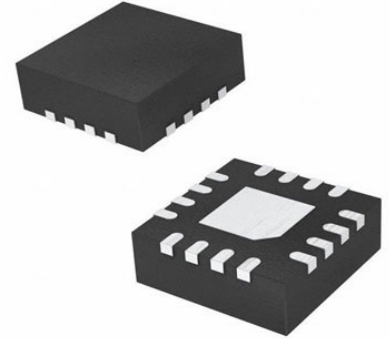


Hittite VCO, 3.325 → 3.825 (Output 2) GHz, 6.65 → 7.65 (Output 1) GHz, 32-Pin

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	32-VFQFN
Product Type	RF Integrated Circuits
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC507LP5E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The HMC507LP5(E) is a GaAs InGaP Heterojunction Bipolar Transistor (HBT) MMIC VCO. The HMC507LP5(E) integrates resonators, negative resistance devices, varactor diodes and feature a half frequency output. The VCO's phase noise performance is excellent over temperature, shock, and process due to the oscillator's monolithic structure. Power output is +13.5 dBm typical from a +5V supply. The voltage controlled oscillator is packaged in a leadless QFN 5x5 mm surface mount package, and requires no external matching components.

## Features

Dual Output: = 3.325 - 3.825 GHz

Pout: +13.5 dBm

Phase Noise:-115 dBc/Hz @100 kHz Typ.

No External Resonator Needed

QFN Leadless SMT Package, 25 mm<sup>2</sup>

## Application

VSAT Radio

Point to Point/Multi-Point Radio

Test Equipment & Industrial Controls

Military End-Use

## Related Products



[HMC3653LP3BE](#)

Analog Devices, Inc

QFN-12



[HMC441LP3E](#)

Analog Devices, Inc

QFN-16

