

MMIC VCO w/ BUFFER AMPLIFIER, 6.1

Manufacturers	Analog Devices, Inc
Package/Case	QFN-24
Product Type	RF Integrated Circuits
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC466LP4E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC466LP4(E) is a GaAs InGaP Heterojunction Bipolar Transistor (HBT) MMIC VCO with an integrated resonator, negative resistance device, varactor diode, and buffer amplifier. Covering 6.1 to 6.72 GHz, the VCO's phase noise performance is excellent over temperature, shock, vibration and process due to the oscillator's monolithic structure. Power output is 4.5 dBm typical from a single supply of 3V @ 31mA. The voltage controlled oscillator is packaged in a low cost leadless QFN 4x4 mm surface mount package.

Features

Pout: +4.5 dBm

Phase Noise: -101 dBc/Hz @100 KHz

No External Resonator Needed

Single Supply: +3V @ 31 mA

QFN Leadless SMT Package, 16 mm²

Application

VSAT & Microwave Radio

CATV & Broadcast Relays

Test Equipment & Industrial Controls

Military



Related Products



[HMC3653LP3BE](#)

Analog Devices, Inc
QFN-12



[HMC253AQS24](#)

Analog Devices, Inc
24-SSOP (0.154, 3.90mm Width)



[HMC441LP3E](#)

Analog Devices, Inc
QFN-16



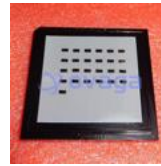
[HMC948LP3E](#)

Analog Devices, Inc
LP3



[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



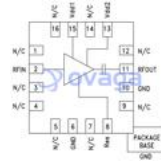
[HMC490](#)

Analog Devices, Inc
SMD



[HMC453ST89E](#)

Analog Devices, Inc
ST89E



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16